

# Monthly Newsletter

## *The Healthtech Industry*



### **PROGRESS, CHALLENGES & HOPE: HEALTHCARE FACES MANY OBSTACLES AND OPPORTUNITIES IN 2024, AND BEYOND.**

From new technologies to limitations, patients, caregivers, providers and market access have seen a tidal shift in options.

New technologies allow for speed and efficiency, be it burn unit technologies that allow for transformative healing to new AI that allows for speed of diagnosis, but also hurdles in cost, access and equity.

Be it inflation, loss of workforce, or quite simply, lack of interest in the workforce, healthcare must move nimbly. Rare & orphan disease research has obviously seen an uptick in funds, but we cannot forget more commonplace diagnosis. Oncology, mental health and women's health have seen a tighter focus, but also burn units, pediatrics and the need to ensure our own healthcare providers are cared for, listened to, and understood.

Technology is all, and we must dig deeper into the benefits for all in health. Let us explore, dig deeper, and reach further, for all.

Thank you for reading!

## SPECTRAL MD (MDAI) BEST PLACED TO WIN AS PREDICTIVE AI DISRUPTS MULTI-BILLION-DOLLAR BURN CARE AND DFU MARKETS

**Key takeaway:** *Advancements in Medical Imaging and Predictive AI Technologies present a multi-billion-dollar opportunity in critical health care markets, where response time, accurate wound assessment, and recovery times are extremely important. Improved imaging and use of AI-enabled intelligent mapping with existing image databases can allow medical practitioners to address these unmet needs. Spectral AI (MDAI) is deploying the right combination of medical imaging and Predictive AI technology to disrupt critical care markets such as burn care and DFU. This, coupled with its transition from a development stage to commercial stage company (re-rating trigger), impending sales of the DeepView System in the UK, and a line of multiple regulatory catalysts make MDAI a Healthtech name that should be on investors' radar.*

**Predictive artificial intelligence (AI) integrated into medical imaging devices is rapidly changing diagnosis, management, and prevention of critical illnesses.** The world of critical care is on the cusp of a transformative era. Predictive AI powerful technology empowers medical professionals to make faster, more informed decisions, ultimately saving lives and improving patient outcomes. Traditionally, critical care has been reactive, relying on identifying and treating problems after they arise. With predictive AI in medical imaging, the paradigm is shifting. AI algorithms can analyze vast amounts of medical image data, such as X-rays, CT scans, and MRIs, to identify subtle patterns and abnormalities that might escape the human eye. This allows for earlier detection of potential complications, enabling healthcare professionals to intervene proactively. We have summarized the major advantages that this technology can bring to critical care markets below (Chart 1). In this report, we study two critical care markets – Burn Care and Diabetic Foot Ulcer (DFU) Treatment market – both of which present large opportunities and challenges that can potentially be addressed using Predictive AI technologies.

**Chart 1: Advantages of Using Predictive AI in Critical Care**

| Early Detection of Deterioration                                                                                                                                                                                                                                                                            | Improved Resource Allocation                                                                                                                                                                                                          | Personalized Treatment Plans                                                                                                                                                                                                          | Reduced Length of Hospital Stays                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>AI can analyze trends in medical images over time, flagging even slight changes that could indicate a patient's condition is worsening. This allows for earlier intervention and treatment adjustments, potentially preventing more severe complications.</li> </ul> | <ul style="list-style-type: none"> <li>By identifying high-risk patients earlier, critical care units can prioritize their resources and ensure the most critically ill patients receive the necessary attention promptly.</li> </ul> | <ul style="list-style-type: none"> <li>AI can analyze a patient's medical history and imaging data to recommend personalized treatment plans, potentially leading to more effective interventions with fewer side effects.</li> </ul> | <ul style="list-style-type: none"> <li>Earlier detection and intervention can lead to faster recovery times and shorter hospital stays, reducing costs and improving patient outcomes.</li> </ul> |

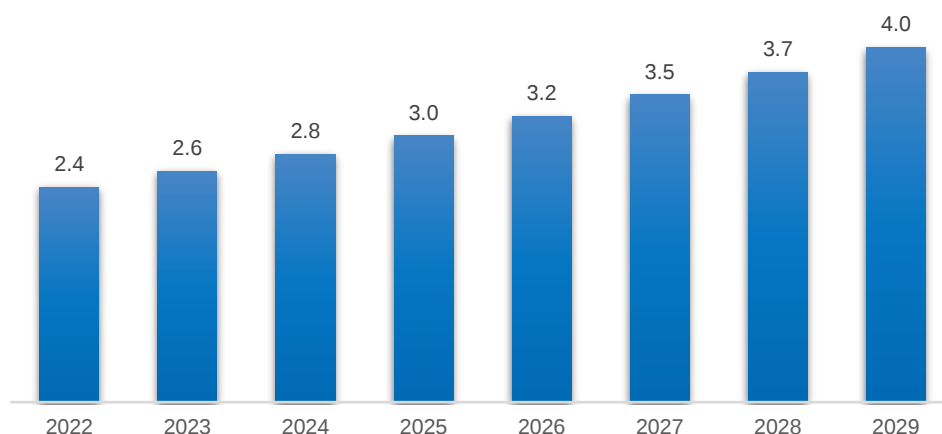
Source: Intro-act

**The market for burn care products has witnessed substantial growth, driven by the rising incidence of burns and the growing public awareness of the importance of immediate and appropriate treatment.** The global burn care market is a dynamic and growing sector, responding to a critical and widespread medical need. It is a critical segment of the healthcare sector, addressing the needs arising from burn injuries. These injuries, which are electrical, chemical, electromagnetic, or thermal in nature, vary in severity based on size and depth. They are categorized as first-degree, second-degree, or third-degree burns, each requiring specific treatment protocols. Burn care products play a

vital role in the treatment process. They are designed to alleviate pain, reduce the risk of scarring, remove necrotic tissue, prevent infection, and aid in the restoration of function.

- According to Data Bridge Market Research, the global burn care market, valued at \$2.2 billion in 2021, is projected to expand to \$4 billion by 2029, growing at a ~7% CAGR. A significant segment within this market is the care for thermal burns, the largest proportion of burn injuries. This segment's prominence is attributed to the high incidence of fire-related injuries.

Chart 2: Global Burn Care Market (\$ billion, CAGR: 7.4%)



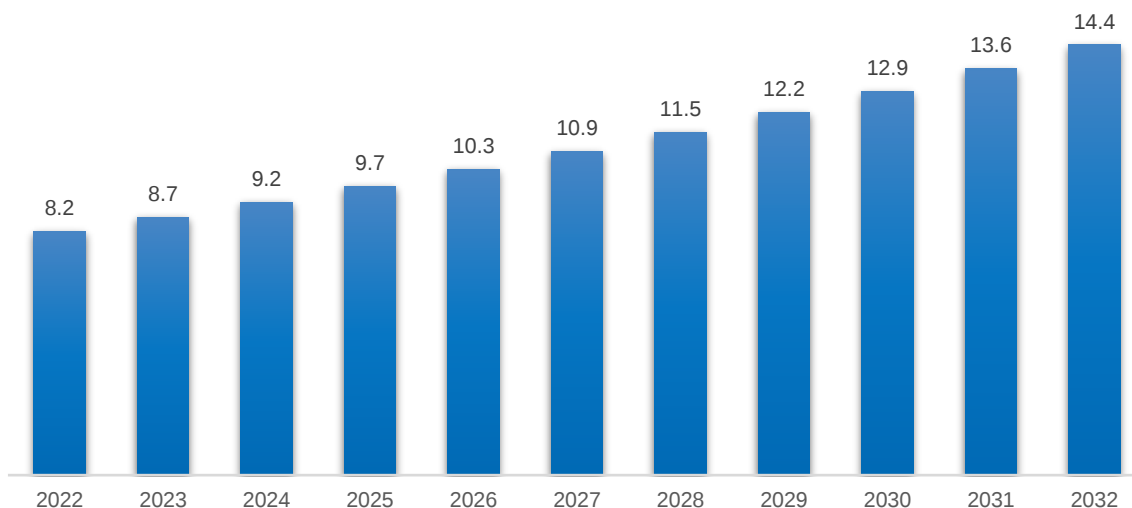
Source: Intro-act, Data Bridge Market Research

**The U.S. faces shortage of burn centers and disparity in distribution of these centers, creating an unmet medical need.** According to the American Burn Association, 1.1 million Americans suffer from burn injuries each year, with 500,000 presenting to emergency departments and 40,000 requiring hospitalizations. In contrast, only 2% of U.S. hospitals have burn centers and there are only about 250 burn surgeons in the United States. In 2019, a study led by Dr. Heather E. Carmichael of the University of Colorado School of Medicine found that nearly 25% of Americans live in areas with low access to burn care, with the southern region being the most affected. The U.S. had only 59 ABA-verified adult burn centers and the study's findings indicate a stark regional variation in access. The southern and western regions exhibit the lowest access levels, with the southern region having several self-designated burn centers that are yet to undergo the ABA verification process. The study also highlights a scarcity of burn surgeons and the challenges in training new specialists. This creates a demand for technology-enabled solutions that can allow medical practitioners to quickly evaluate burn wounds and objectively determine if those patients need to be transferred to a burn center or not.

**Increasing instances of diabetes and increasing awareness among patients contributing to the growth of the multi-billion-dollar diabetic foot ulcers (DFU) treatment market.** Diabetes leads to various complications, including the reduced healing ability of the body. This diminished capacity for wound healing is particularly evident in the formation of diabetic foot ulcers. As the number of diabetic patients rises, so does the incidence of foot ulcers, necessitating more robust treatment solutions. These ulcers, which typically develop in the feet, are prone to rapid deterioration and infection, posing significant health risks to diabetic patients. The routine management of diabetes often involves regular insulin injections, which, ironically, can increase the risk of foot ulcers due to minor injuries incurred during the injection process. The rise in sedentary lifestyles and obesity rates has further exacerbated the prevalence of diabetes and its complications. Obesity, a significant risk factor for diabetes, also contributes to the development of diabetic foot ulcers. The additional weight exerted on the feet can lead to injuries, creating an environment conducive to ulcer formation. Another growth driver is the increasing awareness and education about diabetes and its complications. The diabetic foot ulcer treatment market is a critical segment of the healthcare industry, addressing the complications arising from one of

the most prevalent chronic diseases worldwide: diabetes. **According to Precedence Research, in 2022, the market was valued at \$8.2 billion and is anticipated to expand to ~\$14.4 billion by 2032.** This growth trajectory underscores the increasing urgency and demand for effective DFU treatments.

**Chart 3: Global Diabetic Foot Ulcer (DFU) Treatment Market (\$ billion, CAGR: 5.8%)**



Source: Intro-act, Precedence Research

**Given a high proportion of the geriatric population, North America is the biggest geographic segment of the DFU treatment market.** The DFU treatment market is geographically diverse, with North America leading due to its substantial elderly population. This demographic is particularly prone to diabetes, a prevalent condition that frequently results in diabetic foot ulcers. The region's increase in sedentary lifestyles has further escalated the incidence of DFUs. With a high prevalence of diabetes, North America continues to be a pivotal market for DFU treatments. The Asia Pacific region is also a major segment in the DFU treatment market. This growth is attributed to the region's rapid urbanization, which has led to more sedentary lifestyles and poor dietary habits, contributing to a rise in diabetes and related complications. The European market also significantly contributes to the global DFU treatment market, bolstered by similar trends in lifestyle and an increasing incidence of diabetes.

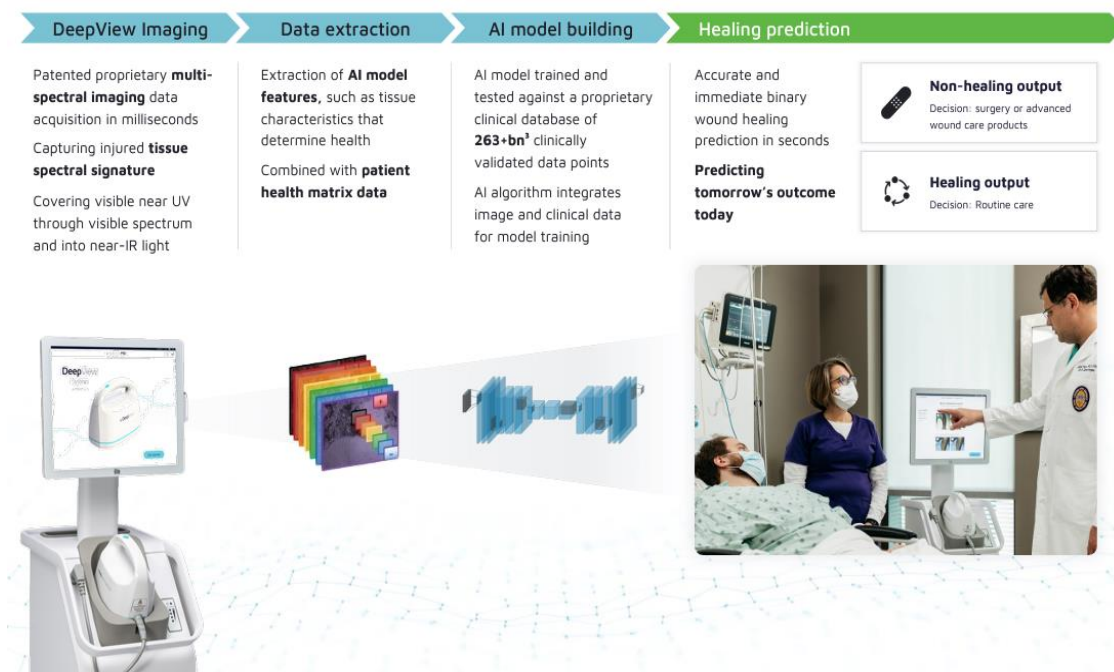
**Spectral AI (MDAI) is bringing forth a powerful combination of medical imaging and Predictive AI technology to disrupt critical care markets such as burn care and DFU,** taking efficiency, patient, and practitioner experience to a whole new level. While there are several small players trying to address this market, MDAI stands out because of its solid track record of product development, use of AI, and access to a large proprietary image database that it leverages to deliver fast and accurate results in these key markets. We spotlight the company below.

## Company Spotlight: Spectral AI (MDAI)

**Spectral AI (MDAI)** is a predictive AI company focused on medical diagnostics for faster and more accurate treatment decisions in wound care for burns, diabetic foot ulcers (DFU) and future clinical applications. MDAI has a dedicated team striving to revolutionize the management of wound care by "Seeing the Unknown"® with its DeepView® Wound Diagnostics System. Its DeepView® platform is the only predictive diagnostic device that offers clinicians an objective and immediate assessment of a wound's healing potential prior to treatment or other medical intervention. With algorithm-driven results that substantially exceed the current standard of care, Spectral AI's diagnostic platform is expected to provide faster and more accurate treatment insight, significantly improving patient care and clinical outcomes.

- **DeepView System:** The company's DeepView System is an internally developed AI-driven multiple source identifier (MSI) device which has FDA "Breakthrough Device Designation" status since 2017. It uses proprietary AI algorithms to distinguish between fully damaged, partially damaged and healthy human tissue characters invisible to the naked eye, providing a "Day One" healing potential assessments in seconds. Its output is specifically engineered to allow physicians to make a more accurate, timely and informed decision regarding the treatment of the patient's wounds. MDAI's DeepView System employs patented multi-spectral optics and sensors to capture images of injured tissue across a wide spectrum, revealing details beyond human perception. It analyzes these images, classifying tissue severity as non-healing, partially damaged, or healing, providing a visual representation of non-healing areas. The process is swift, with image acquisition taking 0.2 seconds and complete processing and AI classification in about 20 to 25 seconds. DeepView refines its AI model through regulatory submission using extensive clinical data containing approximately 263 billion pixels of DFU and burn image data points as of December 31, 2022.

Chart 4: DeepView System Technological Process



Source: Intro-act, Company Investor Presentation

In a key milestone that marks **MDAI's transition from a late-stage development company to one with a commercial product**, MDAI's predictive software DeepView AI-Burn recently obtained the final stage of **UK Conformity Assessed (UKCA) authorization, for aiding in burn wound diagnosis in the UK**. The authorization will allow MDAI to sell its DeepView system in the UK - management expects to deploy six devices for customer evaluation

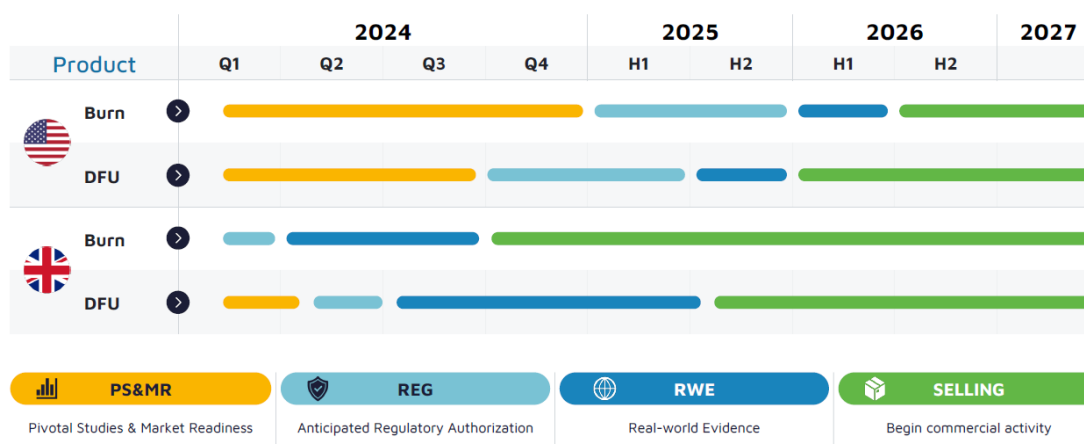
soon and start generating revenue in 2H24. We note that the revenue from commercialization in the UK in 2024 comes as a positive surprise over the \$28 million previously guided by the company.

- **We expect commercial launch in the UK to be successful** given DeepView's ability to remove long observation periods with open wounds that risk infection. UKCA marking is a certification system established by the UK government to ensure that products meet specified standards for sale in the UK (England, Wales, and Scotland). MDAI's DeepView AI-Burn is currently indicated for individuals aged eighteen and above. However, the company aims to extend its technology to benefit pediatric populations as well.
- **The target market in the UK is large** with 40 burn centers, 25 trauma centers, 230 Accident and Emergency centers, 150-foot protection services, and a 500+ nursing community. An early entry into the UK will also give MDAI the opportunity to demonstrate proof of concept for the broader and much bigger U.S. market which has 125 burn centers and 4,500 emergency centers in addition to 1,100 wound care centers. Management currently expects burn wound solution to be launched in the U.S. in 2026.
- **Importantly, the authorization opens up the ability to expand partnerships in regions such as the Middle East** that recognize the UKCA authorization, thus adding to the revenue potential of the DeepView AI-Burn software.

**Strong execution continues with sustained progress on all growth and commercialization initiatives centered around its disruptive AI-driven technology in the last 12 months; multiple commercialization catalysts lined up over the next three years.** MDAI continues to evolve from being a late-stage development company to one that is embarking on commercialization of its AI-driven technology to disrupt the wound diagnostics space. It is doing so using AI as its DeepView System is an internally developed AI-driven multiple source identifier (MSI) device which has FDA “Breakthrough Device Designation” status since 2017. It uses proprietary AI algorithms to distinguish between fully damaged, partially damaged, and healthy human tissue characters invisible to the naked eye, providing a “Day One” healing potential assessments in seconds. Its output is specifically engineered to allow physicians to make a more accurate, timely and informed decision regarding the treatment of the patient’s wounds.

- **MDAI is currently prioritizing Burn and DFU indications in the U.S. and UK markets, and pending regulatory authorization in both countries, it expects to start generating revenue across four separate platforms covering burn and DFU within the next three years.** (See chart below for impending milestones.) In late 2023, MDAI received both FDA and UKCA marking of its proprietary imaging technology, DeepView Snapshot. It recently submitted its predictive software DeepView AI-Burn, to the UK regulatory body for UKCA marking and received approval earlier this week (discussed above).

**Chart 5: Planned Near-term Product Deployments**

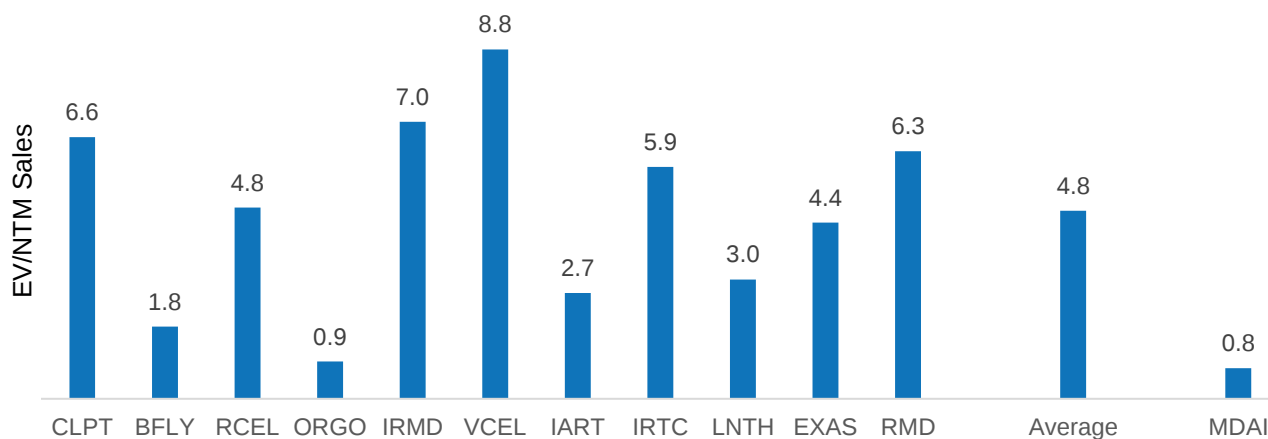


Source: Intro-act, Company Investor Presentation

- BARDA track record validates and increases probability of success, as well as supports product build-out and commercialization efforts through non-dilutive funding.** In 2023, MDAI secured its largest BARDA contract worth \$149 million in September, bringing the total contract awards from BARDA to over \$250 million. This contract provides non-dilutive funding for further development, and also secures procurement of medical devices to expand utilization beyond burn centers to emergency departments. We note that the award designates \$55 million for development activities through the first quarter of 2026 and \$95 million for additional development, procurement, and early-adopter deployment of the DeepView System. It is worth highlighting that in 2013 and 2019, MDAI was awarded BARDA contracts totaling \$123 million of which \$101 million has been committed to date. We believe management's track record through years of BARDA engagement validates and increases probability of success for DeepView across clinical indications (Burn and DFU) and geography (U.S., UK, EMEA). In addition, the company completed a Committed Equity Facility with B. Riley Financial Inc. in December last year, allowing the company access up to \$10 million at any time during the next two years. Any such funds would be utilized to support MDAI's clinical development activities.
- Clinical trials and product development progressing well.** Over the last one year, MDAI provided interim results of its DFU Clinical Study which will be used in upcoming submissions of DeepView AI-DFU to the FDA (anticipated in 2H 2024). It also initiated its pivotal study to validate DeepView AI – management expects this to be the final clinical trial before seeking FDA marketing authorization for the burn indication in 1H 2025. This study is being conducted in burn centers and emergency departments with an enrollment target of 240 subjects.

**Undervalued despite impending commercialization and line up of multiple regulatory catalysts.** MDAI currently trades at 0.8x EV/NTM sales – this is a big discount to peer average of 4.8x despite the company's disruptive AI-driven approach to solving unmet medical needs, its transition from a development stage to commercialized company (re-rating trigger), impending sales of the DeepView System in the UK that poses an upside to earlier guidance, and multiple other regulatory catalysts discussed above. Given this context, we expect MDAI to re-rate higher, making it a Healthtech name that should be on investors' radar.

**Chart 6: MDAI – Valuation Peer Comparison**



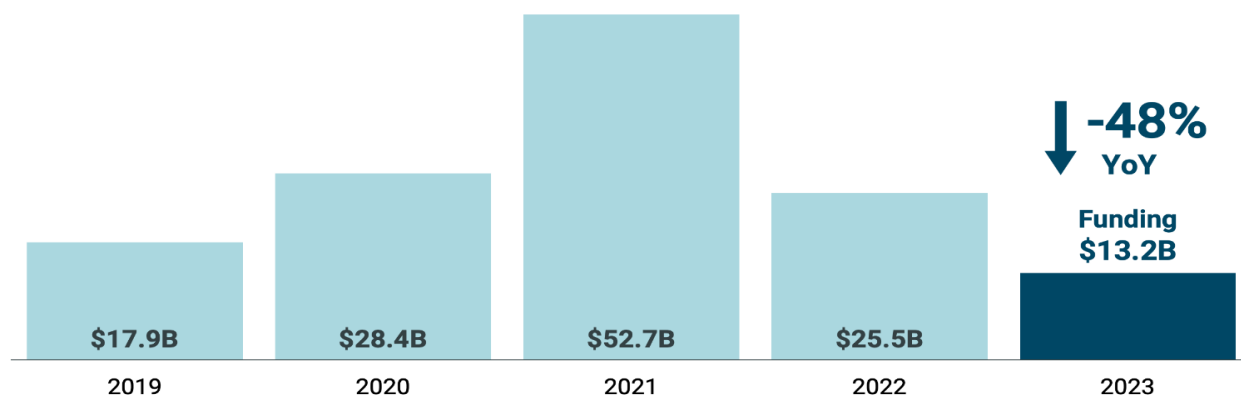
Source: Intro-act, Factset, Data as of 3/8/24.

## HEALTHTECH NEWS

### INDUSTRY TRENDS

**State of Digital Health 2023.** In 2023, global digital health funding saw a significant reduction for the second consecutive year, halving to \$13.2 billion across 1,397 deals, marking the lowest levels of funding and deals since 2016 and 2014, respectively. Despite a general downturn in the sector, the United States maintained its dominance, securing over half of the total deals. The median deal size in digital health remained stable at \$4 million, the highest ever recorded, indicating a long-term upward trend even as venture deal sizes have generally decreased since 2021. Notably, mega-rounds in digital health have become rare, with only three \$100 million+ rounds in the fourth quarter of 2023 and a yearly total of 20, significantly below the 2021 quarterly average. [Read More](#) (CB Insights)

Chart 7: Digital Health Funding Halved for the Second Consecutive Year in 2023



Source: Intro-act, State of Digital Health 2023 Report, CB Insights

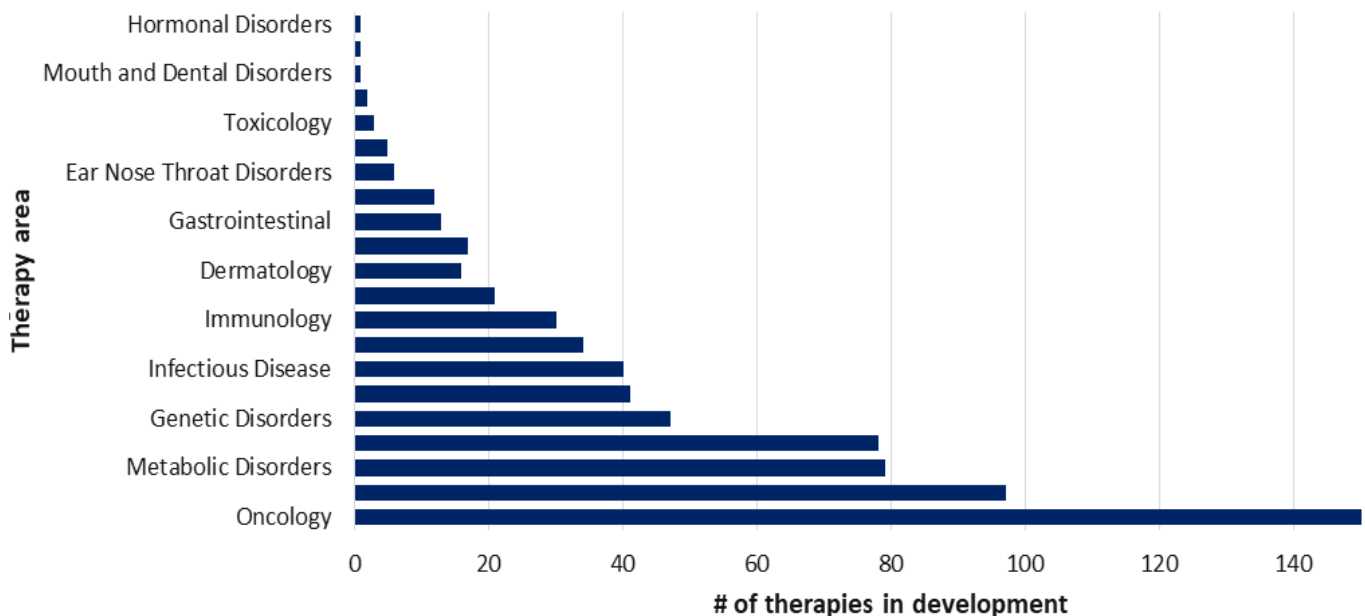
**Drugmakers deepen efforts to tap into booming market for obesity drugs.** Viking Therapeutics announced promising results from a mid-stage study showing its experimental drug effectively aiding weight loss in obese patients. Meanwhile, Novo Nordisk and Eli Lilly dominate the weight-loss drug market with Wegovy and Zepbound, respectively, targeting a market worth \$100 billion by the decade's end. Novo Nordisk's Wegovy, linked to cardiovascular benefits, utilizes the same active ingredient as its diabetes drug Ozempic, while also exploring high-dose oral semaglutide for obesity treatment. [Read More](#) (Reuters)

**Navigating the challenges of pediatric surgery with robotic-assisted procedures.** Pediatric patients, previously overlooked in surgical innovation, are now benefiting from advancements in robotic-assisted surgery. With smaller instrument sizes, surgeons can perform procedures with increased precision, resulting in smaller incisions, faster recovery, and reduced pain. Pediatric surgery presents unique challenges due to the delicate anatomy of young patients, making robotic platforms invaluable for accessing hard-to-reach areas. These technologies also offer ergonomic benefits for surgeons and features like haptic feedback and digital measurements, enhancing surgical outcomes and patient care. [Read More](#) (Medcity News)

**“Bubble” CRISPR delivery system advances gene editing in living animals.** A new CRISPR-Cas9 delivery method termed “bubble” delivery allows gene editing directly within the body, eliminating the need to extract and reinfuse cells. Developed by Jennifer Doudna's lab at UC Berkeley, this method utilizes membrane bubbles decorated with antibodies to target specific cell types, demonstrated in mice to edit immune cells for potential cancer treatments. This advancement aims to streamline gene therapy, making it more accessible and affordable, crucial for broader medical application. [Read More](#) (Technology Networks)

**Cell and gene therapy landscape in the US.** Cell and gene therapies (CGTs) are revolutionizing medical treatment by providing personalized solutions for chronic diseases. They offer benefits such as reduced treatment frequency compared to lifelong therapies, easing strain on healthcare systems. With 14 CGTs approved in the US in the past decade, and 694 in development as of February 2024, CGTs show promise across various therapy areas. However, challenges like regulatory hurdles, affordability, and patient access need to be addressed for wider adoption. [Read More](#) (Global Data)

**Chart 8: Number of CGTs in Development in the U.S. by Therapy Area**



Source: Intro-act, Global Data

**Gene editing technique shows promise for rare immune disorder.** Researchers utilized gene editing to address a rare immune disorder caused by deficiencies in recombination activating genes (RAGs), which affect lymphocyte production. The technique, homology-directed repair (HDR), offers targeted editing while maintaining normal gene regulation. This approach could mitigate safety concerns associated with gene therapy for RAG1 mutations. The study demonstrated functional rescue of RAG1 defects, paving the way for potential clinical applications and suggesting an alternative to stem cell transplantation. [Read More](#) (Inside Precision Medicine)

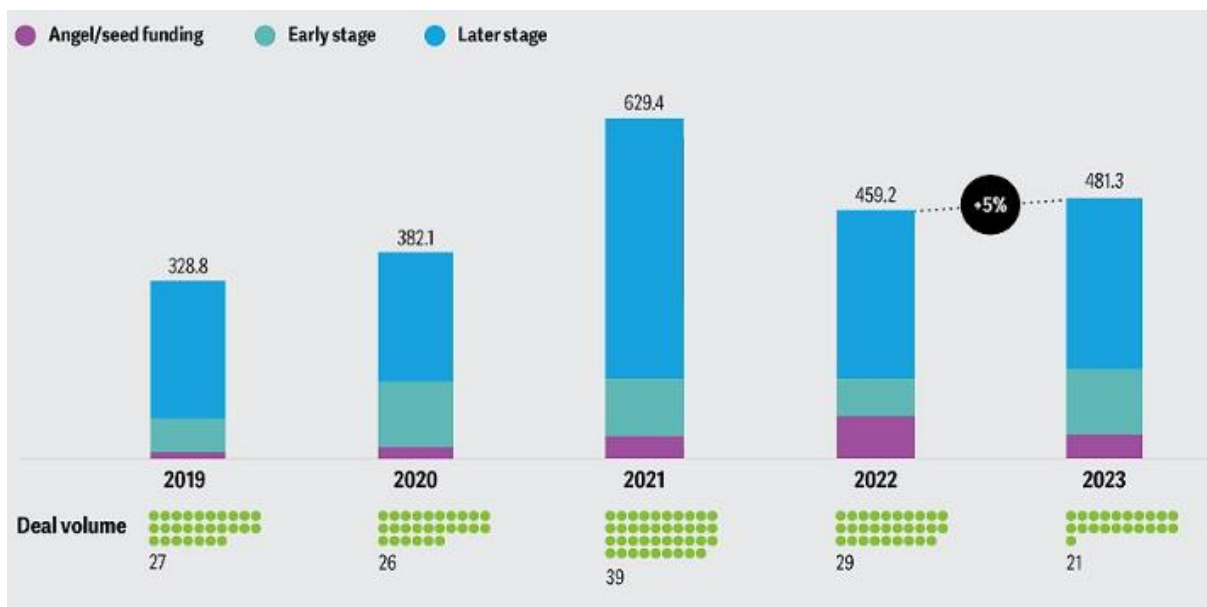
**CRISPR: RNA-editing therapies pick up steam.** Recent advancements in RNA-editing therapies for genetic disorders mark a significant breakthrough, offering potential safer alternatives to genome editing like CRISPR. RNA-editing techniques, including single-base editing and RNA exon editing, show promise in correcting mutations without permanent genetic changes. Clinical trials for conditions like alpha-1 antitrypsin deficiency and Stargardt disease indicate growing acceptance and maturity in the field, with RNA-based treatments also being explored for liver cancer, showcasing a broadening scope for therapeutic interventions beyond genetic diseases. [Read More](#) (Nature)

**Genetic test maker Invitae files for bankruptcy protection in US.** Genetic test maker Invitae, backed by Softbank, has filed for Chapter 11 bankruptcy protection with plans to pursue a sale. The company aims for business continuity during the process, utilizing existing cash reserves. Assets are estimated between \$500 million to \$1 billion, with liabilities ranging from \$1 billion to \$10 billion. Invitae, serving global markets, has thousands of creditors. Legal, financial, and advisory firms are engaged to facilitate the sale amidst previous concerns about financial sustainability. [Read More](#) (Reuters)

**US study uncovers 275 million entirely new genetic variants.** A study analyzing the genetic code of 250,000 U.S. volunteers discovered over 275 million new variants, shedding light on disease predispositions among different demographics. Led by the NIH-funded "All of Us" study, this effort aims to address the lack of diversity in genomic datasets. With nearly 1 billion total genetic variants, the research underscores the importance of diverse population sequencing for drug development and tailored treatments, aiming to fill gaps in understanding and improve healthcare equity. [Read More](#) (Reuters)

**Funding trends in women's health.** The US health system historically neglects women's needs, evident in minimal investment in women's health ventures, comprising only 2% of total health innovation funding in 2023. However, there's growing investor interest, likely influenced by heightened awareness of gender disparities. Despite a decline in 2022, investments rebounded in 2023. Female-led ventures face challenges securing funding due to male-dominated decision-making. Innovative funding approaches, including diverse sources and non-dilutive funding, are being explored amidst changing investment landscapes. [Read More](#) (Deloitte)

**Chart 9: Investments in US Women's Health Companies Grew in 2023 (\$ Million)**

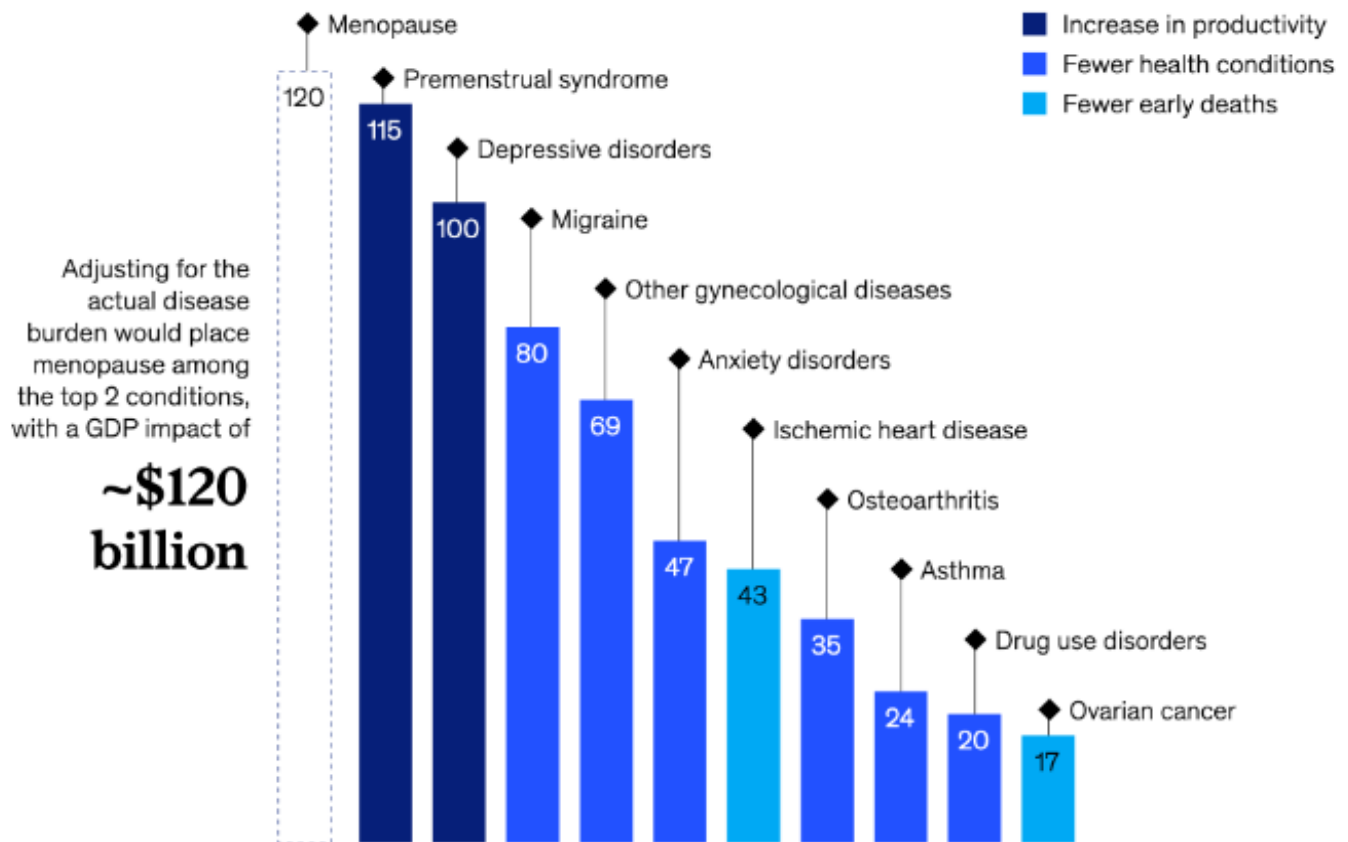


Source: Intro-act, Deloitte Analysis of funding data from Pitchbook Data. Note: Data for US deals worth \$1 million and above.

**Drug shortages trigger FTC probe.** The Federal Trade Commission (FTC) is investigating U.S. drug shortages, focusing on the purchasing and distribution practices within the pharmaceutical supply chain. This probe targets the potential exploitation of market power by key players, which may have driven generic drug prices down to unprofitable levels, leading manufacturers to halt production. The investigation scrutinizes a few dominant companies and their impact on drug availability, including critical chemotherapies. Industry stakeholders attribute these shortages to manufacturing issues and fluctuating demand, while the FTC seeks to identify the underlying causes and address the systemic issues contributing to the scarcity of essential medications. [Read More](#) (WSJ)

**A \$1 trillion boost from better health.** Global life expectancy has surged from 30 to 73 years between 1800 and 2018. However, Kweilin Ellingrud and team reveal a disparity: women spend nine more years than men in poor health, impacting productivity and earnings. Closing this gap not only enhances women's quality of life but also boosts the global economy by \$1 trillion. Targeting ten conditions, notably premenstrual syndrome and menopause, could contribute over 50% of this economic growth, amounting to \$235 billion. [Read More](#) (McKinsey)

Chart 10: Top 10 Conditions by GDP Impact of Closing the Women's Health Gap (\$ Billion)



Source: Intro-act, McKinsey, Endometriosis prevalence from WHO, prevalence base for GDP impact calculation from Global Burden of Disease Study 2019 (GBD 2019). Note: Based on estimated no. of women aged 45-50 (excluding peri-post menopausal women), multiplied by the share of symptomatic cases (92%).

**Medication abortions over telehealth effective and safe, researchers share ahead of major SCOTUS case.** A study in Nature Medicine found telehealth medication abortions to be as effective and safe as in-person procedures, regardless of synchronous or asynchronous communication. Analyzing over 6,000 cases from three virtual clinics across 20 states, researchers highlighted similarities in outcomes to in-person procedures. [Read More](#) (Fierce Health)

**EY Health Pulse Survey: digital health solutions boost efficiencies and automation, but ROI has yet to come.** The four-year mark of COVID-19 underscores a shift towards digital health solutions in healthcare, promising benefits such as addressing nursing shortages, expediting care, and reducing costs. Despite initial investment concerns, 96% of healthcare executives find the expense worthwhile. A survey by Ernst & Young LLP reveals a growing interest in digital health, with 90% of executives noting improved efficiency. [Read More](#) (EY)

**As clinician burnout rises, how can technology help?** The Physician Sentiment Survey (PSS) by Athena health and The Harris Poll reveals a worsening crisis of burnout and dissatisfaction among physicians. Over 1,000 surveyed physicians reported feeling overwhelmed by administrative burdens and regulatory changes. While technology, including AI, offers promise in alleviating some of these pressures, concerns about losing the human touch in healthcare persist. Optimism about AI's potential to streamline administrative tasks is tempered by the need for careful implementation to ensure patient safety. [Read More](#) (Athena Health)

Chart 11: Barriers and Benefits of AI in Healthcare



Source: Intro-act, Physician Sentiment Survey 2023-2024, Athena Health

**Unleashing the potential of wearable technologies in healthcare.** Wearable monitoring devices offer tailored solutions for various healthcare settings, providing early warnings and preventive measures. In acute and chronic care, user-friendly wearables aid swift vital-sign monitoring and ensure consistent patient adherence. Balancing accuracy with comfort remains a challenge, but advancements in sensor technology aim to strike this balance. [Read More](#) (EE Times)

**Space surgery: doctors on ground operate robot on ISS for first time.** Surgeons conducted the first remote surgery in orbit, controlling a robot on the International Space Station. Despite being a test on rubber bands, it marked significant progress in space surgery development, crucial for future long-duration space missions like Mars expeditions. The technology, exemplified by the spaceMIRA robot, could aid remote surgery on Earth and enhance medical care in isolated regions. NASA supported the project, highlighting the growing need for space emergency procedures. [Read More](#) (Science X Daily)

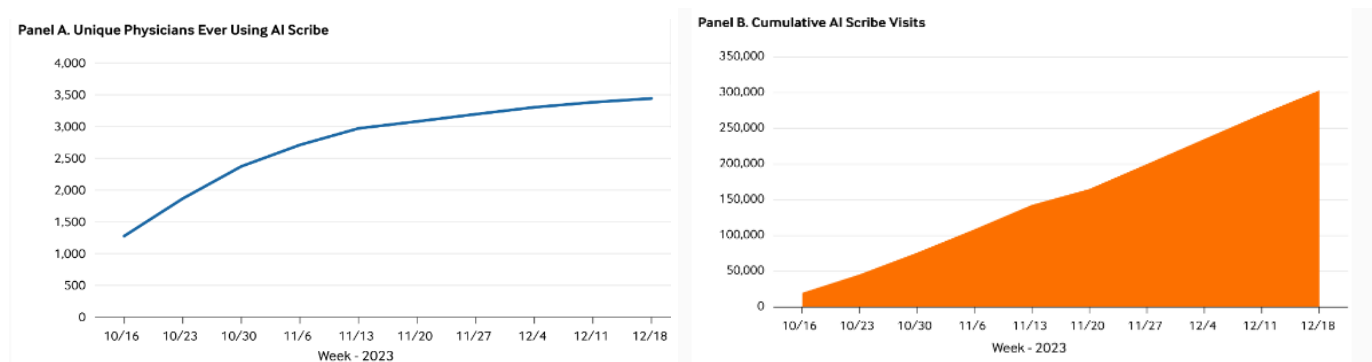
**Korea's telemedicine startups seek growth abroad.** South Korea's telemedicine startups are expanding overseas due to domestic regulatory hurdles like drug delivery restrictions. Doctornow, backed by SoftBank, plans a subsidiary in Japan for non-contact medical services, citing Japan's robust telemedicine setup. Medihere Co. relocates HQ to the US, offering subscription-based services. Life Semantics Corp. eyes Thailand for expansion. Lulu Medic expands in Vietnam. Regulatory constraints led to closures in South Korea, with Doctornow downsizing its workforce. [Read More](#) (The Korean Economic Daily)

## AI IN HEALTHCARE

**How AI and wearable data could drive better, cheaper health outcomes.** The healthcare sector is undergoing transformation with advancements like wearable sensor technology and AI. Research by MIT and Google shows AI's potential to enhance health predictions by up to 23.8% using wearable data. This could lead to more informed decisions and optimized care delivery. Despite concerns about privacy and bias, AI-driven healthcare offers improved diagnoses and streamlined processes. [Read More](#) (PYMNTS)

**Ambient Artificial Intelligence scribes to alleviate the burden of clinical documentation.** The Permanente Medical Group (TPMG) introduced Nabla Copilot, an ambient artificial intelligence (AI) scribe, to assist physicians in real-time clinical documentation without audio recordings. Over 10 weeks, 3,442 physicians adopted the technology, benefiting over 300,000 patient encounters. Physicians praised Nabla Copilot for improving personalized interactions and reducing clerical burdens, indicating a significant advancement in healthcare technology. [Read More](#) (NEJM Catalyst)

**Chart 12: Cumulative Use of the Ambient Artificial Intelligence (AI) Scribe Tool, Oct 16–Dec 24, 2023**

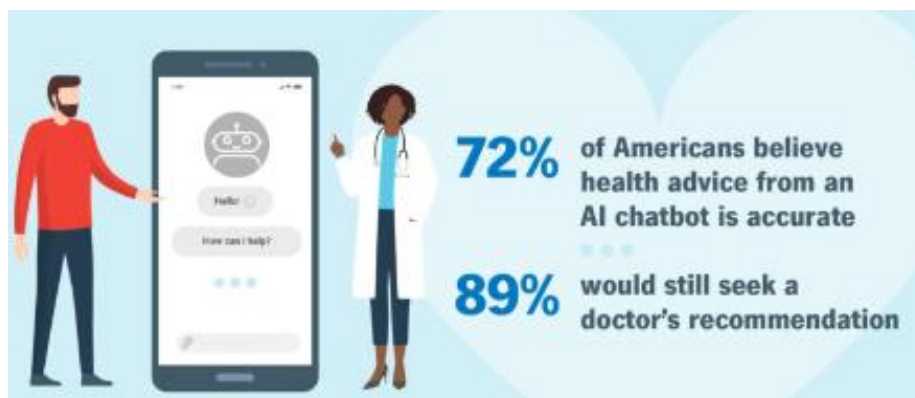


Source: Intro-act, NEJM Catalyst.

**Advancing rare disease breakthroughs with genomics, AI and innovation.** Mayo Clinic's Center for Individualized Medicine pioneers rare disease diagnostics and treatments, catering to over 300 million affected globally. Dr. Margot Cousin and Dr. Filippo Pinto e Vairo lead innovative research, leveraging technologies like antisense oligonucleotide therapy and CRISPR gene editing. They emphasize the importance of precise diagnoses, facilitated by advanced genomic testing and AI. Collaboration with global organizations ensures progress in transforming lives and shaping the future of healthcare. [Read More](#) (News Network)

**Cleveland Clinic survey reveals how AI and wearables are impacting heart health.** A Cleveland Clinic survey reveals 3 in 5 Americans optimistic about AI improving heart care, though 89% would still consult doctors. Only 22% have used AI for health advice. Dr. Kapadia notes AI's potential in healthcare. 50% use tech to monitor health, mainly tracking steps, heart rate, and calories. 79% report health improvements. Survey results detail increased exercise, better diet, and stress reduction. Conducted for American Heart Month, promoting health awareness. [Read More](#) (Cleveland Clinic)

**Chart 13: Survey Reveals 3 in 5 Americans Optimistic about AI**



Source: Intro-act, Cleveland Clinical Survey

**China Medical University Hospital leverages Google's genAI for cancer care.** China Medical University Hospital (CMUH) partners with Google Cloud, utilizing MedLM, an AI model, for cancer care. The collaboration aims to enhance precision treatment through genAI-based tools for diagnosis, treatment planning, and patient education. CMUH utilizes Google's AI accelerators for drug development, aiming to establish cutting-edge healthcare AI models for the Chinese-speaking market. [Read More](#) (Healthcare IT News)

**TechBio unicorn Owkin teams up with AWS to advance generative AI for precision medicine.** Owkin, a TechBio company, collaborates with Amazon Web Services (AWS) to revolutionize drug discovery, accelerate clinical trials, and develop AI diagnostics. Leveraging AWS's cloud infrastructure, Owkin aims to optimize data operations and drive research in precision medicine. They will utilize AWS's high-performance computing and machine learning tools, including Amazon SageMaker, to build and deploy AI models. The collaboration aims to address challenges in precision medicine and enhance healthcare outcomes through groundbreaking discoveries and transformative solutions. [Read More](#) (Press Release)

**Bioprimus start-up aims to lead AI biology.** French biotech Bioprimus aims to pioneer a universal AI model for biology, leveraging foundation models similar to ChatGPT. It plans to connect biological elements across scales to deepen understanding and drive innovation in biotechnology. Co-founder Jean-Philippe Vert, formerly of Google Brain, leads the venture. With \$35M seed funding, including from Sofinnova Partners and BpiFrance, Bioprimus aims to personalize medicine and unlock biological insights. Partnerships with firms like Owkin enhance access to diverse data for advanced analysis. [Read More](#) (Inside Precision Medicine)

**Neurophat introduces AI-powered brain imaging analysis technology at AD/PD 2024.** Neurophat, an AI company for brain diseases, unveils innovative technologies at AD/PD 2024 conference. It showcases Neurophat AQUA and Neurophat SCALE PET, analyzing brain MRI and PET images respectively. Their technology targets Alzheimer's treatment, including ARIA side effect analysis and amyloid-positive prediction. CEO Jake Junkil Been highlights Neurophat's pivotal role in treatment clinical trials and prognosis. By participating in AD/PD 2024, the company seeks global business opportunities and advancements in Alzheimer's treatment solutions. [Read More](#) (Yahoo Finance)

**UltraSight partners with SELVAS Healthcare to develop and commercialize AI-powered cardiac ultrasound software in Asia.** UltraSight and SELVAS Healthcare have partnered to introduce UltraSight's AI guidance technology for cardiac imaging in Asia, starting with Korea and Southeast Asia. UltraSight aims to make cardiac care more accessible by enabling medical professionals, even those with minimal training, to conduct high-quality ultrasound. SELVAS Healthcare plans to distribute and commercialize UltraSight's technology in Korea to address the increasing need for timely cardiac diagnoses. The partnership aims to expand UltraSight's presence throughout Asia. [Read More](#) (Yahoo Finance)

## DRUG & DEVICE APPROVALS

**CRISPR gene therapy Casgevy secures approval in Europe.** European Commission granted conditional marketing authorization to Casgevy (exagamglogene autotemcel), a gene therapy developed by Vertex Pharmaceuticals and CRISPR Therapeutics, making it the sole gene therapy for sickle cell disease and transfusion-dependent beta-thalassemia (TDT) in Europe. This approval follows positive opinions from the European Medicine Agency (EMA) and prior approvals in the UK and US. [Read More](#) (Pharmaceutical Technology)

**FDA approves first OTC continuous glucose monitor.** The FDA has approved Dexcom's Stelo Glucose Biosensor System as the first over-the-counter continuous glucose monitoring (CGM) system. Unlike Dexcom's G6 and G7, it's for adults without insulin-dependent diabetes. The system, worn as a sensor and connected to a smartphone app, monitors glucose levels every 15 minutes. However, it's not intended for managing hypoglycemia. This approval aims to expand access to CGMs, promoting health equity by enabling individuals to monitor their glucose levels without a prescription. [Read More](#) (Medscape)

**US FDA approval for wearable Electrophysiology monitoring system.** X-trodes received FDA 510(k) clearance for its Smart Skin, a wireless wearable technology named X-trodes System M. It features customizable dry-printed electrode patches for monitoring EEG, EKG/ECG, EOG, and EMG signals. The FDA clearance validates its accuracy, equivalent to FDA-cleared devices, in measuring these signals. X-trodes aims to enhance medical-grade electrophysiological monitoring, focusing initially on cardiovascular and sleep monitoring markets, aiming to improve patient care with its versatile remote monitoring system. [Read More](#) (Cardiac Rhythm News)

**FDA approves sleep apnea tech from EnsoData, Samsung.** An estimated 39 million U.S. adults suffer from obstructive sleep apnea (OSA), with 936 million globally affected. This condition, characterized by disrupted breathing during sleep, poses serious health risks including cardiovascular and metabolic diseases. Innovations like EnsoData's AI algorithm for pulse oximeters and Samsung's FDA-approved watch feature aim to improve diagnosis and monitoring. [Read More](#) (Healthcare IT News)

**FDA approves J&J's combination therapy for a type of lung cancer.** The MHRA's Yellow Card Biobank, launched with Genomics England in 2023, investigates genetic impacts on medicine safety. Aiming to improve personalized medicine, it collects genetic data alongside reports of adverse drug reactions (ADRs). A new phase focuses on oral anticoagulants and stroke prevention. Genetic insights may enable targeted prescriptions. MHRA encourages reporting for better understanding and prevention of ADRs. [Read More](#) (Reuters)

**FDA clears ROSA shoulder robotic surgery system from Zimmer Biomet.** Zimmer Biomet announced FDA clearance for its ROSA Shoulder robotic surgery system, a global first for shoulder replacement. Part of the ROSA portfolio, it enhances the company's digital technologies, aiding precise placement and improved outcomes in shoulder procedures. The system supports data-informed decisions and integrates with Signature ONE surgical planning. [Read More](#) (Mass Device)

### Chart 14: Snapshot of ROSA Shoulder Surgical Robot System



Source: Intro-act, Mass Device, Zimmer Biomet

**Hologic wins FDA clearance for AI-enabled cervical cancer screening system.** Hologic obtained regulatory approval for its AI-enabled cervical cancer screening system, the Genius Digital Diagnostics System, in the U.S. This system digitizes Pap test slides and uses AI to identify cells for review, potentially reducing false negatives by 28%. It streamlines the manual process of cytology, enhancing efficiency and accuracy. [Read More](#) (Medtech Dive)

**TECVAYLI biweekly dosing approved by the U.S. FDA for the treatment of patients with relapsed or refractory multiple myeloma.** Johnson & Johnson's TECVAYLI® gains FDA approval for biweekly dosing of 1.5 mg/kg for relapsed or refractory multiple myeloma patients maintaining complete response for six months. Administered subcutaneously, TECVAYLI® targets BCMA on myeloma cells and CD3 on T-cells, activating immune response. Approval, based on MajesTEC-1 study, offers dosing flexibility, addressing unmet needs. [Read More](#) (PR Newswire)

**FDA approves Amivantamab first-line indication for NSCLC.** The FDA approved amivantamab-vmjw (Rybrevant) for certain locally advanced or metastatic non-small cell lung cancer (NSCLC) cases. It's now allowed as a first-line treatment alongside carboplatin and pemetrexed for patients with EGFR exon 20 insertion mutations. Traditional approval was also granted after platinum-based chemotherapy. Approval was based on the PAPILLON trial, showing significant progression-free survival improvement. [Read More](#) (Medscape)

**Biogen received European Commission approval for SKYCLARYS.** Biogen's SKYCLARYS (omaveloxolone) gains European Commission approval for treating Friedreich's ataxia (FA) in adults and adolescents. FA, a rare genetic disorder, leads to progressive neurodegeneration. SKYCLARYS showed significant efficacy in clinical trials, improving patient function. Biogen aims to address the unmet need in FA treatment, emphasizing collaboration with the medical community. [Read More](#) (Biogen)

### COMPANY NEWS

**Algorithmic Biologics makes genomics affordable, eliminating 60 to 90% of library preparation costs.** Bengaluru-based Algorithmic Biologics (AlgoBio) launched the Tapestry platform at the Genomics India Conference 2024, aiming to enhance molecular testing efficiency. Tapestry significantly reduces sequencing costs by eliminating a substantial portion of library preparation expenses. Founded by Dr. Manoj Gopalkrishnan, AlgoBio secured \$2.5 million in pre-series A funding. The company plans to utilize the funds for product development, sales expansion, and international growth. [Read More](#) (Bio Spectrum)

**Brightside Health expands Medicaid & Medicare access for greater telemental health coverage.** Brightside Health announced new payer partnerships to support Medicaid and Medicare, aiming to reach underserved populations struggling with mental health issues. These partnerships include contracts with CareOregon and Blue Shield of California for Medicaid and Medicare Advantage, and an expanded contract with Blue Cross and Blue Shield of Texas. Traditional Medicare coverage extends to several states. [Read More](#) (Yahoo finance)

**Philips releases radiation-free device guidance tool LumiGuide.** Philips introduced LumiGuide, a radiation-free imaging tool using light reflections to create 3D images of devices within the body. This fiber optic technology enables surgeons to visualize devices without radiation exposure, offering real-time 3D guidance during procedures. Dr. Atul Gupta hailed it as revolutionary, likening it to a "3D human GPS." Meanwhile, Philips faced FDA scrutiny over reported deaths related to its ventilators and sleep apnea machines, leading to recalls and increased medical device reports. [Read More](#) (Mobi Healthcare)

**Sharp HealthCare launches spatial computing center of excellence featuring Apple Vision Pro.** Sharp HealthCare launched the Spatial Computing Center of Excellence in collaboration with Apple, Epic, Elsevier, and others, aiming to integrate spatial computing, facilitated by Apple Vision Pro, into medical practices. This initiative seeks to revolutionize patient care by blending digital content with the physical world. [Read More](#) (PR Newswire)

**Amazon reportedly to cut hundreds of healthcare jobs.** Amazon is trimming over 100 jobs at One Medical and Amazon Pharmacy to curb operating losses. The move, reportedly aiming to save \$100 million, includes a reduction of fixed operating costs and per-visit expenses at One Medical. Amazon Health Services' VP confirmed job cuts and restructuring efforts. Amazon's venture into healthcare, acquiring One Medical, reflects a trend of non-traditional players entering primary care. [Read More](#) (Healthcare Finance)

**Vodafone and eConsult Health join forces to enhance patient access to care.** Vodafone partners with eConsult Health to enhance healthcare access by reducing patient waiting times and improving safety. Utilizing eConsult Health's digital triage solution, eTriage, NHS Emergency Departments can prioritize patients efficiently. Vodafone's secure digital infrastructure ensures scalability and continuity of service. This collaboration aims to streamline workflows, automate patient prioritization, and optimize outcomes. [Read More](#) (Digital Health)

**AstraZeneca to invest \$300M in US cell therapy plant.** AstraZeneca is investing \$300 million in a new manufacturing facility in Rockville, Maryland, specializing in cell therapies for cancer treatment. The facility, expected to be operational by 2026, will create over 150 jobs. AstraZeneca, expanding its presence in cell therapy, acquired Neogene Therapeutics and partnered with Quell Therapeutics. Additionally, it's delving into gene therapy, having acquired LogicBio Therapeutics and securing a deal with Pfizer. [Read More](#) (Manufacturing Dive)

**Zepp Health unveils Zepp OS 3.5 with Zepp Flow at MWC Barcelona 2024.** Zepp Health Corporation unveils Zepp OS 3.5 with Zepp Flow™, revolutionizing wearable intelligence. This upgrade introduces a Natural-Language User Interface (LUI) powered by LLM AI, marking a significant leap in user interaction. Zepp Flow™ enables seamless communication without predefined commands, enhancing user experience in health, fitness, and productivity. [Read More](#) (PR Newswire)

**Google updates the first-gen Pixel Watch with health monitoring features.** Google is enhancing the first-gen Pixel Watch with health monitoring features from its successor, enabling automatic workout detection and activity tracking. Users can monitor heart rate zones, set exercise pace goals, and access breathing exercises via the Fitbit Relax App. For Wear OS 3 devices, Google introduces public transit directions and compass-enabled maps. [Read More](#) (Engadget News)

### EARNINGS

**Zimmer Biomet forecasts upbeat 2024 profit on steady medical devices demand.** Zimmer Biomet Holdings Inc forecasts 2024 profit above expectations, citing resilient demand for medical devices. They initiated a restructuring program to cut costs, anticipating \$200 million in savings by 2025. Despite beating Q4 revenue and earnings estimates, shares fell 4%. Similar to Abbott Laboratories and Boston Scientific, Zimmer benefits from returning elective surgeries post-pandemic. Analysts expect bullish growth due to pent-up demand, hospital improvements, and robotics interest. Full-year 2024 profit is projected at \$8.00-\$8.15 per share. [Read More](#) (Reuters)

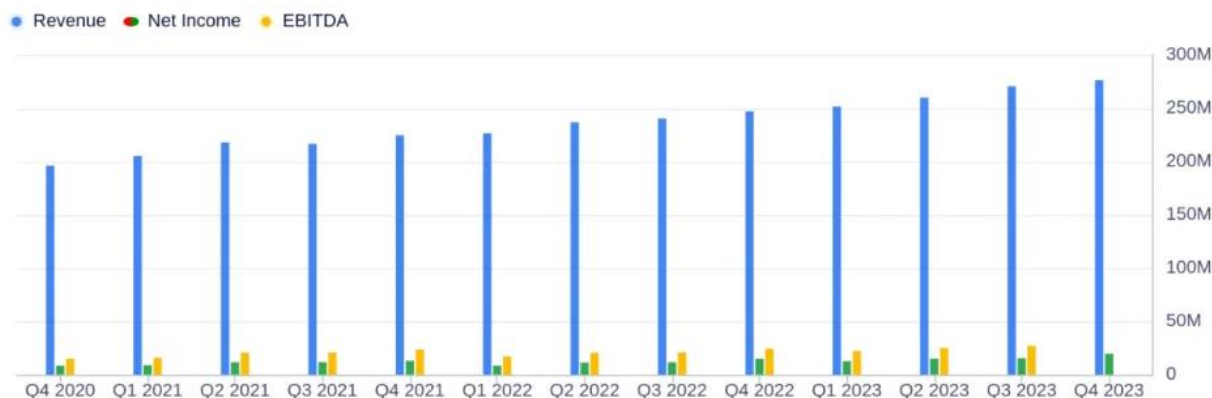
**Hims & Hers spotlights increased year-over-year and 2023 Q4 revenue.** Hims & Hers Health, a virtual care company, saw significant growth in 2023, with a 65% revenue increase compared to 2022. In Q4 2023, revenue surged by 47% compared to the previous year. The company reported a total Q4 revenue of \$246.6 million, up from \$167.2 million in Q4 2022, with a yearly revenue of \$872.0 million in 2023. Despite a net loss for the year, gross profit and adjusted EBITDA showed substantial improvements. CEO Andrew Dudum anticipates surpassing \$1 billion in revenue in 2024, emphasizing personalized treatments' accessibility. [Read More](#) (Mobi Healthcare)

**Amwell posts \$679M loss for the year but plots accelerated growth in 2025, boosted by major defense contract.** Mwell, formerly American Well, reduced its workforce by 10% in late 2023 to cut costs amidst \$679 million in losses, partly due to a \$436 million goodwill impairment. CFO Bob Shepardson expects over \$15 million in savings. Despite losses, they foresee profitability by 2025, buoyed by a Defense Health Agency contract. Their Converge platform aims for post-pandemic virtual care, consolidating services. CEO Ido Schoenberg highlights progress and envisions Amwell's transition to a hybrid care facilitator. [Read More](#) (Fierce Healthcare)

**mPulse reports 106% revenue growth year-over-year.** mPulse, an AI-enabled company, saw a 94% growth in Q4 2023 and 106% year-over-year, attributing it to acquisitions of HealthTrio and Decision Point Healthcare Solutions. They partner with major U.S. health plans and care organizations. CEO Bob Farrell highlights their focus on personalized digital engagement. Despite high investment in healthcare tech, survey results show mixed impact on costs. mPulse previously acquired The Big Know and HealthCrowd, indicating its commitment to healthcare innovation. [Read More](#) (Mobi Healthcare)

**Addus HomeCare reports record annual revenues surpassing \$1 billion in 2023.** Addus HomeCare Corp (NASDAQ:ADUS) reported robust financial results for Q4 2023 and the full year ending December 31, 2023. Key highlights include a significant 11.9% increase in net service revenues for Q4, reaching \$276.4 million, and a full-year revenue surpassing \$1.06 billion for the first time. Net income rose to \$19.6 million for Q4 and \$62.5 million for the full year. Adjusted EBITDA increased by 21.3% for Q4, totaling \$34.3 million, and reaching \$121.0 million for the full year. Cash and liquidity remained strong, with \$64.8 million in cash and \$335.6 million in available credit. Chairman and CEO Dirk Allison emphasized strong demand for home-based care, successful integration of Tennessee Quality Care, and plans for growth initiatives in 2024. [Read More](#) (Yahoo Finance)

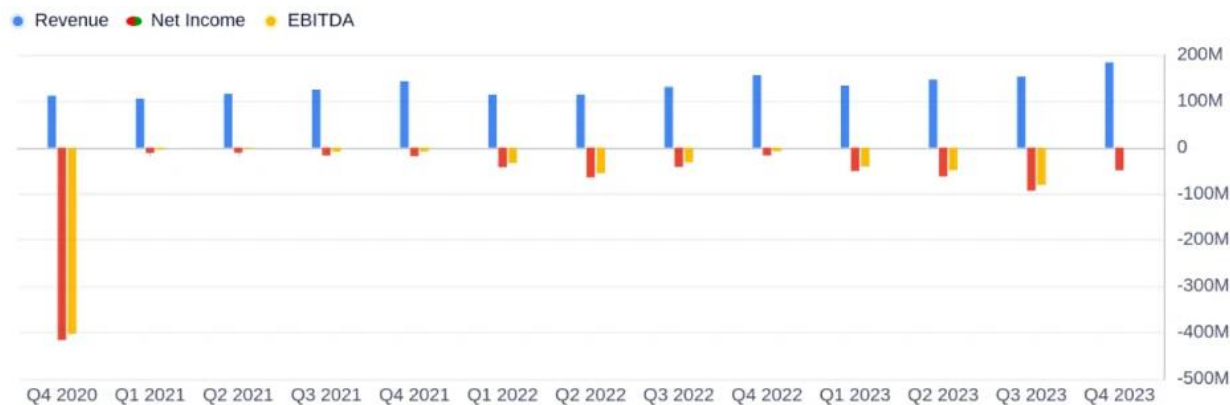
Chart 15: Quarterly Performance – Addus HomeCare



Source: Intro-act, Yahoo! Finance, Guru Focus

**10x Genomics Inc (TXG) reports solid revenue growth amid rising operating expenses in FY 2023.** 10x Genomics Inc (NASDAQ:TXG) reported a robust revenue growth of 18% in Q4 2023 and 20% for the full year 2023. However, the company experienced a decline in gross margin, attributed to changes in product mix. Operating expenses rose by 20%, leading to widened operating losses and a net loss of \$49.0 million in Q4 and \$255.1 million for the full year. Despite challenges, TXG forecasts 8% to 12% revenue growth in 2024. [Read More](#) (Yahoo Finance)

Chart 16: Quarterly Performance – 10X Genomics Inc



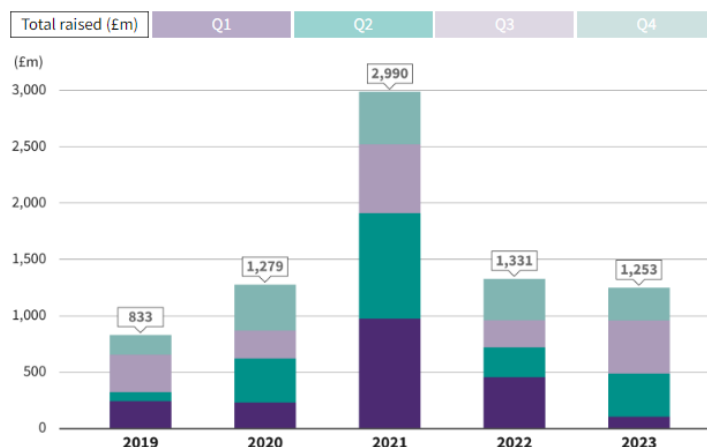
Source: Intro-act, Yahoo! Finance, Guru Focus

## CAPITAL MARKETS

**Veradigm buys ScienceIO in \$140 million deal to build out healthcare AI solutions.** Veradigm, a healthcare data and tech company, is acquiring ScienceIO for \$140 million to bolster its AI capabilities for healthcare. ScienceIO, specialized in AI for healthcare, aids in organizing patient data and enhancing workflows. Veradigm aims to leverage ScienceIO's platform to develop proprietary large language models. This acquisition aligns with Veradigm's strategy to drive growth and innovation in the healthcare sector, positioning them to lead in value-based care and data intelligence. [Read More](#) (Fierce Healthcare)

**UK biotech financing 2023.** In 2023, UK biotechs secured £1.8 billion in equity financings, down 9% from 2022. Venture capital raised £1.25 billion, only 6% lower year-on-year, accounting for 11% of total UK VC investment despite a 43% reduction in overall UK VC investment. UK leads Europe with 41% of total biotech VC investment. London-quoted UK biotechs' collective share price increased approximately 250% compared to pre-pandemic levels. Public follow-ons decreased by 16%, and no new market launches occurred. [Read More](#) (Biotech Finance)

**Chart 17: Total Venture Capital Raised by UK Biotech**



Source: Intro-act, UK Biotech Financing Report

**Fractyl Health raises \$110 million in US IPO.** Fractyl Health, a developer of treatments for obesity and diabetes, priced its U.S. IPO at \$15 per share, raising about \$110 million. The company's focus is on "disease-modifying" therapies addressing root causes of metabolic diseases. With a growing interest in obesity treatments, Fractyl enters a market estimated to reach \$100 billion by 2030. Competitors like Novo Nordisk and Eli Lilly are also active. Fractyl will trade under "GUTS" on Nasdaq, amid a tentative IPO market recovery in 2024. [Read More](#) (Reuters)

**Chart 18: Product Pipeline – Fractyl Health**



Source: Intro-act, Fractyl Health

**Chromocell Therapeutics announces closing of IPO for Gross Proceeds of \$6.6 Million.** Chromocell Therapeutics Corporation (NYSE American: CHRO) completed its initial public offering of 1,100,000 shares at \$6.00 per share, raising approximately \$6.6 million. A.G.P./Alliance Global Partners managed the offering. The company's common stock is listed on the NYSE American LLC under "CHRO." The offering was made through a prospectus available on the SEC's website. [Read More](#) (Yahoo Finance)

**Kyverna overshoots raised IPO expectations, landing at \$319M for autoimmune cell therapy mission.** Kyverna Therapeutics exceeded its IPO expectations, raising its anticipated share price range to \$20-\$21 from \$17-\$19 and increasing the number of shares to be sold from 11 million to 14.5 million. However, it further raised the share price to \$22, aiming to garner \$319 million in gross proceeds, potentially increasing it by \$47.8 million. Kyverna focuses on autoimmune diseases, with its lead asset KYV-101 showing promise in trials for lupus nephritis and systemic sclerosis. Analysts predict a recovery phase in the biotech sector based on recent IPO successes. [Read More](#) (Fierce Biotech)

### M&A

**Novo Nordisk's parent to buy Catalent for \$16.5 billion to boost Wegovy supply.** Novo Nordisk secured a significant advancement by acquiring Catalent, a crucial manufacturing partner for its obesity drug Wegovy, for \$16.5 billion. The move aligns with Novo's strategy to bolster production capacity, addressing soaring demand. CEO Kasim Kutay emphasized the importance of expanding fill-finish capacity for Wegovy and Ozempic. Despite competition from Eli Lilly, analysts project a lucrative market. The deal, expected to conclude in 2024, aims to increase filling capacity by 2026, with minimal antitrust concerns and potential impact on Catalent's other clients. [Read More](#) (Reuters)

**Everside Health, Marathon Health merge to enhance advanced primary care access.** Everside Health and Marathon Health merged to expand access to advanced primary care, focusing on a value-based model. Serving employer and union-sponsored clients, they offer a range of healthcare services across the US. The merger aims to strengthen financials, enhance patient care, and foster regional partnerships. Their approach emphasizes long-term patient-provider relationships, incorporating virtual care options. The combined organization prioritizes improving patient outcomes while reducing healthcare costs. [Read More](#) (Fierce Health)

**Novartis's MorphoSys acquisition comes with cancer drugs & antitrust questions.** Novartis' €2.7 billion acquisition of MorphoSys includes promising cancer drug candidates, notably pelabresib for myelofibrosis, potentially setting Novartis apart in treatment. However, regulatory scrutiny looms due to Novartis' existing stake in a similar drug. The acquisition aims to bolster Novartis' cancer therapy pipeline. MorphoSys' tulmimetostat, another drug in testing, also joins Novartis. Despite past setbacks, MorphoSys transitions to small molecule cancer drugs, evident in their deal selling tafasitamab rights to Incyte. [Read More](#) (Medcity News)

**Aptar Digital Health announces acquisition of Healint to reinforce digital health portfolio and drive future growth.** Aptar Digital Health has acquired Healint, a renowned digital health company known for its virtual clinical studies and patient registry platform. Healint's Migraine Buddy and Clarrio apps support those with neurological and immunological conditions. This acquisition enhances Aptar's neurology portfolio, offering AI-driven data collection, patient community management, and clinical trial acceleration. Healint's integration will expand services, aligning with Aptar's mission to improve patient experiences in digital health for Central Nervous System conditions. [Read More](#) (Business Wire)

**TruDoc acquires Wellthy Therapeutics to deliver digital health services in Gulf and expand to India.** Dubai's TruDoc Healthcare acquires India's Wellthy Therapeutics, blending their strengths in virtual healthcare and digital therapeutics. This synergy promises accessible, patient-centered care with personalized treatment plans, potentially reducing healthcare costs. Their shared vision emphasizes seamless integration and aims to impact 10 million lives by 2025. With TruDoc's GCC leadership and Wellthy's Asian success, the partnership strengthens TruDoc's regional dominance in tech-driven primary care, bridging clinical expertise with digital innovation. [Read More](#) (Bio Spectrum)

### REGULATORY UPDATES

**FDA warns against using smartwatches and smart rings to measure blood sugar.** The FDA warned against using smartwatches and smart rings claiming to measure blood glucose levels without skin piercing, as they can provide inaccurate readings, posing life-threatening risks for diabetes management. FDA-approved continuous glucose monitoring devices, unlike unauthorized ones, pierce the skin for accurate measurements. Health care providers are urged to discuss risks with patients and assist in selecting authorized devices. Consumers should report issues with unauthorized devices to the FDA. [Read More](#) (CNN Health)

**HHS finalizes rule on telehealth at opioid treatment programs.** The government's new rule marks the first significant update to opioid treatment program standards in over two decades. The finalized regulation permits opioid treatment programs to start medication treatment via telehealth, allowing initiation of buprenorphine treatment through audio-only or audio-visual methods. Methadone treatment can be initiated via audio-visual platforms due to safety concerns, with the regulation making permanent the telehealth allowances introduced during the COVID-19 pandemic to address the escalating opioid crisis. [Read More](#) (Healthcare Dive)

**Health insurers can't rely on AI to decide Medicare coverage, according to new federal guidelines.** The Centers for Medicare and Medicaid Services (CMS) issued new rules to protect patients under Medicare Advantage (MA) plans from AI-related bias. Health insurers are now prohibited from relying solely on AI to determine patient care or coverage, emphasizing individual medical history and physician recommendations. Concerns about AI exacerbating discrimination prompted the CMS to remind insurers of nondiscrimination requirements. [Read More](#) (Mashable)

**US urges court to preserve Obamacare mandate to cover cancer screenings, HIV drugs.** The Biden administration urges a U.S. appeals court to maintain a federal mandate mandating health insurer to cover preventive care, like HIV prevention and cancer screenings, at no extra cost. This appeal follows a federal judge's ruling, challenged by the administration, threatening to strike down the mandate. The dispute centers on the extent of power granted to a federal task force. The court's decision remains uncertain, with arguments focusing on constitutional concerns and potential compromises. [Read More](#) (Reuters)

**Lawmakers float 'essential health system' designation to help direct funds toward safety-net hospitals.** A bipartisan bill introduced by Representatives Lori Trahan and David Valadao aims to designate over 1,000 hospitals nationwide as "essential health systems," opening doors for federal funding and support. The legislation targets hospitals serving vulnerable communities based on specific criteria, including Medicare and Medicaid considerations. These facilities, often underfunded, provide significant uncompensated care but struggle to maintain vital services. Hospital industry groups like America's Essential Hospitals and the Alliance of Safety-Net Hospitals support the initiative. [Read More](#) (Fierce Healthcare)

**US CDC recommends older Americans should get another COVID shot this spring.** CDC's director approved updated COVID vaccines as a second annual shot for adults aged 65+. The recommendation follows an advisory group's suggestion for a spring booster. Last year, the committee recommended an optional additional dose. With over half of COVID-19 hospitalizations in Oct-Dec 2023 among those 65+, the update aims to bolster protection for the vulnerable. Approximately 22% of adults received the updated vaccine, with nearly 42% of those 65+ vaccinated. [Read More](#) (Reuters)

**CMS final rule cuts Medicaid DSH payments for some safety-net hospitals in 2024: what it means and how it will impact healthcare.** The Centers for Medicare and Medicaid Services (CMS) finalized a rule altering Medicaid disproportionate share hospital (DSH) payments, impacting some safety-net hospitals in fiscal year 2024. Effective April 27, 2024, the rule adjusts payment calculations, limiting costs and payments for Medicaid beneficiaries. Safety-net hospitals with high percentages of low-income patients are exempt, but others face potential financial strain. Hospital groups criticize the cuts, urging strategic planning to navigate the changes effectively. [Read More](#) (Medriva)

**MHRA launches second phase of genetic biobank for stroke prevention medicines.** The MHRA's Yellow Card Biobank, launched with Genomics England in 2023, investigates genetic impacts on medicine safety. Aiming to improve personalized medicine, it collects genetic data alongside reports of adverse drug reactions (ADRs). A new phase focuses on oral anticoagulants and stroke prevention. Genetic insights may enable targeted prescriptions. MHRA encourages reporting for better understanding and prevention of ADRs. [Read More](#) (Medscape)

**Alabama health system sues Humana to recoup MA payments after 340B rate revision.** Baptist Health filed a lawsuit against Humana, alleging underpayment for outpatient drugs through the 340B Drug Pricing Program due to a Supreme Court decision. The ruling required HHS to repay \$9 billion to impacted hospitals. Baptist Health claims Medicare Advantage plans should also repay. Despite being in-network since 2005, Humana allegedly refused to pay retroactive adjustments, causing financial loss. [Read More](#) (Fierce Health)

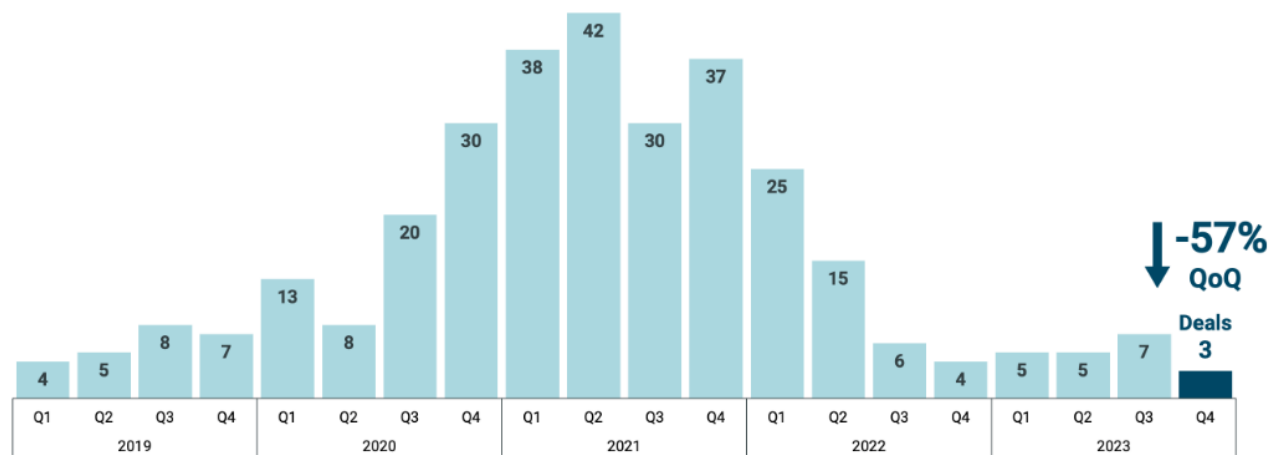
**House subcommittee grills VA, Oracle over pharmacy issues amid EHR rollout.** Lawmakers questioned VA and Oracle representatives about issues in rolling out the new electronic health record system at a House subcommittee hearing, focusing on pharmacy and scheduling software concerns impacting patient safety. Rep. Matt Rosendale criticized efforts to transform Oracle Cerner pharmacy software. [Read More](#) (Healthcare Dive)

**A giant unknown': what the alleged \$2 billion Medicare catheter fraud scheme means for ACOs.** The National Association of ACOs (NAACOS) raised concerns about seven durable medical equipment companies costing Medicare \$2 billion due to inflated payments, particularly regarding urinary catheters. The surge in payments, attributed to false claims, may affect accountable care organizations (ACOs) financially, potentially impacting savings and future benchmarking. [Read More](#) (Fierce Health)

**FTC obtains \$195 million judgment against Simple Health for selling 'sham' insurance.** Florida-based insurer Simple Health deceived thousands into buying what seemed like comprehensive health coverage, but was actually a medical discount membership. A federal judge imposed a \$195 million judgment against Simple, agreeing with FTC claims of deceptive practices. The company, its CEO, and affiliates were banned from future healthcare sales. Simple's tactics included rigged online searches, deceptive scripts, and misrepresentation of affiliations with reputable insurance brands. [Read More](#) (Healthcare Dive)

HEALTHTECH CHART OF THE MONTH

Chart 19: Digital Health Mega Rounds (Equity Deals Worth 100+ million) Dry-up



Source: Intro-act, State of Digital Health 2023 Report, CB Insights

## HEALTHTECH CAPITAL MARKET ACTION (FEBRUARY 2024)

### IPO Activity

| Company                       | Stock Exchange | Offer Date | Gross Proceeds (\$m) |
|-------------------------------|----------------|------------|----------------------|
| Fractyl Health, Inc.          | Nasdaq         | 2-Feb-24   | 110                  |
| Alto Neuroscience, Inc.       | NYSE           | 2-Feb-24   | 148                  |
| Kyverna Therapeutics, Inc.    | Nasdaq         | 8-Feb-24   | 319                  |
| Telomir Pharmaceuticals, Inc. | Nasdaq         | 9-Feb-24   | 7                    |
| Metagenomi, Inc.              | Nasdaq         | 9-Feb-24   | 94                   |
| Chromocell Therapeutics       | NYSE           | 16-Feb-24  | 6.6                  |

Source: Intro-act, FactSet

### M&A Activity (February 2024)

| Target                  | Target Industry                      | Target Country  | Acquirer             | Deal Size (\$m) | Announcement Date |
|-------------------------|--------------------------------------|-----------------|----------------------|-----------------|-------------------|
| Catalent                | Pharmaceutical Manufacturing         | United States   | Novo Holdings        | 16,500          | 5-Feb-24          |
| Blackberry Clinics      | Wellness and Fitness Services        | Buckinghamshire | Bupa Health Clinics  | -               | 5-Feb-24          |
| MorphoSys AG            | Biotechnology Research               | United States   | Novartis             | 2,700           | 6-Feb-24          |
| HealthScape Advisors    | Business Consulting and Services     | United States   | Chartis              | -               | 6-Feb-24          |
| Nanophoton Corporation  | Nanotechnology Research              |                 | Bruker               | -               | 7-Feb-24          |
| Chanelle Pharma         | Pharmaceutical Manufacturing         | Galway          | Exponent             | 300             | 8-Feb-24          |
| Wellthy Therapeutics    | Technology, Information and Internet | United States   | TruDoc               | -               | 13-Feb-24         |
| Beacon Hospital         | Consumer Services                    | United States   | Macquarie            | -               | 14-Feb-24         |
| Cotiviti                | IT Services and IT Consulting        | United States   | KKR                  | -               | 15-Feb-24         |
| Aiolos Bio              | Biotechnology Research               | United States   | GSK                  | -               | 15-Feb-24         |
| Healint                 | IT Services and IT Consulting        |                 | Aptar Digital Health | -               | 22-Feb-24         |
| AssistRx                | IT Services and IT Consulting        | United States   | WCAS                 | -               | 22-Feb-24         |
| Twill                   | Mental Health Care                   | United States   | DarioHealth          | -               | 22-Feb-24         |
| Prime Diagnostic Centre | Medical and Diagnostic Laboratories  | India           | Medicentre           | -               | 23-Feb-24         |
| FIGURE 1                | Hospitals and Health Care            | Canada          | Physician's Weekly   | -               | 26-Feb-24         |
| ScienceIO               | Biotechnology Research               | United States   | Veradigm             | 140             | 27-Feb-24         |
| Patch Biosciences       | Biotechnology Research               | United States   | Ginkgo Bioworks      | -               | 28-Feb-24         |
| Proof Diagnostics       | Medical Device                       | United States   | Ginkgo Bioworks      | -               | 28-Feb-24         |
| Healthwise              | Hospitals and Health Care            | United States   | WebMD                | -               | 4-Mar-24          |

|                      |                           |         |         |      |          |
|----------------------|---------------------------|---------|---------|------|----------|
| Rovers               | Consumer Services         |         | Halma   | 77.4 | 4-Mar-24 |
| MedEuropa<br>Romania | Hospitals and Health Care | Romania | Affidea | -    | 4-Mar-24 |

Source: Intro-act, FactSet

## PE/ VC Funding Activity (February 2024)

| Company                  | Funding Round | Fund raised (\$m) | Investors                                                                                                                                                                                                                                        | Date      |
|--------------------------|---------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| ArteraAI                 |               | 20.0              | Prosperity7 Ventures, EDBI, Walden Catalyst Ventures, Wilson Sonsini Goodrich & Rosati, Trium Ventures, Navin Chaddha, Rajiv Khemani (AISpace VC), Andrew & Elliott Tan (A&E Investment LLC)                                                     | 1-Feb-24  |
| Cohere Health            |               | 50.0              | Deerfield Management, Define Ventures, Flare Capital Partners, Longitude Capital, Polaris Partners                                                                                                                                               | 1-Feb-24  |
| Ambience Healthcare      | Series B      | 70.0              | kleiner Perkins, OpenAI Startup Fund, Andreessen Horowitz, Optum Ventures                                                                                                                                                                        | 6-Feb-24  |
| DUDE CHEM                | Seed          | 5.9               | Vorwerk Ventures, b2venture, Frontline, Borski Fund, Auxxo, Push Ventures                                                                                                                                                                        | 7-Feb-24  |
| Ezra                     |               | 21.0              | Healthier Capital, FirstMark Capital, Allianz Life Ventures, Schwarzman family, Lord David Prior, Gaingels, Republic, Mana Ventures, Credo Ventures, Seedcamp, LDV Capital, Accomplice, Founders Future, Vlad Tenev, Anne Wojcicki, Esther Dyson | 8-Feb-24  |
| Zetta Genomics           | Seed          | 1.4               | We Venture Capital, XetaBase                                                                                                                                                                                                                     | 8-Feb-24  |
| Deep Look Medical        | -             | 1.7               | -                                                                                                                                                                                                                                                | 8-Feb-24  |
| Neurona Therapeutics     |               | 120.0             | Viking Global Investors, Cormorant Asset Management                                                                                                                                                                                              | 8-Feb-24  |
| Avation Medical          |               | 22.0              | ShangBay Capital, Asahi Kasei, Angelini Ventures, JobsOhio Growth Capital Fund, Arbortum Ventures, Tonkawa, Medtronic, Avestria Ventures                                                                                                         | 9-Feb-24  |
| Lilli                    | Series A      | 8.6               | West Hill Capital                                                                                                                                                                                                                                | 9-Feb-24  |
| Tortus                   | Seed          | 4.2               | Khosla Ventures, Entrepreneur First, Lord David Prior, Eric Jang                                                                                                                                                                                 | 12-Feb-24 |
| Headlight                |               | 18.0              | Matrix, Epic Ventures, TJ Parker                                                                                                                                                                                                                 | 13-Feb-24 |
| Anatomy Financial        | -             | 7.6               | Lightspeed, Meridian Street Capital, Live Oak Ventures, Cambrian Ventures, Peterson Ventures                                                                                                                                                     | 13-Feb-24 |
| Optiscan                 | Grant         | 3.0               | Department of Industry                                                                                                                                                                                                                           | 13-Feb-24 |
| Bio Age                  | -             | 170.0             | Sofinnova Investments, Longitude Capital, RA Capital                                                                                                                                                                                             | 13-Feb-24 |
| Upwards                  | Series B      | 21.0              | Alpha Edison, M13, Fika Ventures                                                                                                                                                                                                                 | 15-Feb-24 |
| Vessi Medical            | Series A      | 16.5              | ALIVE                                                                                                                                                                                                                                            | 15-Feb-24 |
| Merit Medicine           | Seed          | 2.0               | LiveOak Ventures                                                                                                                                                                                                                                 | 15-Feb-24 |
| Freenome                 |               | 254.0             | Roche                                                                                                                                                                                                                                            | 16-Feb-24 |
| PatientFi                | -             | 25.0              | VC investor Questa Capital                                                                                                                                                                                                                       | 19-Feb-24 |
| WIVI Vision              | Series A      | 3.6               | Hearstlab, Avançsa, Caixabank DayOne, BBVA Spark, Banco Santander, Peak Thomas (Pedro Tortosa), VC Go GMBH                                                                                                                                       | 19-Feb-24 |
| Siftwell Analytics       | -             | 5.8               | Trey Suttan, Chuck Hollowell, AlleyCorp, Arkin Digital Health, Tau Ventures, The Charlotte Fund                                                                                                                                                  | 20-Feb-24 |
| Relieve Cardiovascular   | Series A      | 42.0              | Lightstone Ventures, Sante Ventures, Deerfield Management, Genesis Capital, Arboretum Ventures                                                                                                                                                   | 20-Feb-24 |
| 9amHealth                | Series A      | 9.5               | Cigna Group Ventures, 7Wire Ventures, Define Ventures, Leaps                                                                                                                                                                                     | 20-Feb-24 |
| Medical Microinstruments | Series C      | 110.0             | Fidelity Management & Research Company                                                                                                                                                                                                           | 21-Feb-24 |
| HealthSnap               | Series B      | 25.0              | Sands Capital, Comcast Ventures, Acronym Venture Capital, Florida Opportunity Fund, Asclepius Growth                                                                                                                                             | 21-Feb-24 |

|                       |          |       |                                                                                                                                                                                                                |           |
|-----------------------|----------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                       |          |       | Capital, Florida Funders, MacDonald Ventures, TGH Ventures                                                                                                                                                     |           |
| BlackBird             | Series A | 17.0  | Define Ventures, Frist Cressey Ventures, GreyMatter                                                                                                                                                            | 21-Feb-24 |
| Carewell              | Series B | 24.7  | MBF Healthcare, Sageview Capital, Headline, Primetime                                                                                                                                                          | 22-Feb-24 |
| Abridge               | Series C | 150.0 | Partners, Nextview, Florida Opportunity Fund, Anchor Lightspeed Venture Partners, Redpoint Ventures, Spark Capital, Union Square Ventures, Bessemer Venture Partners, Wittington Ventures, CVS Health Ventures | 23-Feb-24 |
| Frontier Medicines    | Series C | 80.0  | Deerfield Management Company, Droia Ventures, Galapagos NV, DCVC Bio, MPM Capital, RA Capital Management                                                                                                       | 23-Feb-24 |
| Samphire Neuroscience | Pre-seed | 2.3   | SOSV, FIRSTPICK, Afterwork, Seaside, Ayuh, CVX Ventures                                                                                                                                                        | 23-Feb-24 |
| Axle Health           | Seed     | 4.2   | Pear VC, TRAC VC                                                                                                                                                                                               | 23-Feb-24 |
| Tuned                 | Seed     | 3.2   | Unum Group, Distributed Ventures                                                                                                                                                                               | 23-Feb-24 |
| FAMS                  | Pre-seed | 0.4   | SMOK Ventures, Andrey Avsieich, Dmitry Smirnov, Ilya Lesun                                                                                                                                                     | 26-Feb-24 |
| Redi Health           | Series B | 14.0  | Blue Heron Capital, North Coast Ventures, Mutual Capital Partners, Rev1 Ventures, M25, Refinery Ventures                                                                                                       | 28-Feb-24 |
| Salvo                 | -        | 5.0   | City Light Capital, Human Ventures, Torch Capital, Threshold Ventures, Felicis Ventures, Anmol Madan                                                                                                           | 29-Feb-24 |
| Moxe Health           | -        | 25.0  | Trinity Capital                                                                                                                                                                                                | 29-Feb-24 |
| Healthee              | Series A | 32.0  | Fin Capital, Glilot Capital Partners, Group11, TriNet                                                                                                                                                          | 4-Mar-24  |

Source: Intro-act, FactSet

## FDA CLINICAL TRIALS TRACKER

| S. No | Symbol | Company                                | NCT ID      | Completion Date | Title                                                                                                                                                                           |
|-------|--------|----------------------------------------|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | AVIR   | Atea Pharmaceuticals, Inc.             | NCT05629962 | 3/1/2024        | SUNRISE-3: Efficacy and Safety of Bemnifosbuvir in High-Risk Outpatients With COVID-19                                                                                          |
| 2     | BFRI   | Biofrontera Inc.                       | NCT03573401 | 3/1/2024        | Study to Evaluate the Safety and Efficacy of BF-200 ALA (Ameluz®) and BF-RhodoLED® in the Treatment of Superficial Basal Cell Carcinoma (sBCC) With Photodynamic Therapy (PDT). |
| 3     | DCTH   | Delcath Systems, Inc.                  | NCT05022901 | 3/1/2024        | An Open-Label Expanded Access Study of the Melphalan/Hepatic Delivery System (HDS) in Patients with Hepatic Dominant Ocular Melanoma                                            |
| 4     | ONPH   | Oncology Pharma Inc.                   | NCT02194842 | 3/1/2024        | Phase III Radium 223 mCRPC-PEACE III                                                                                                                                            |
| 5     | OTLK   | Outlook Therapeutics, Inc.             | NCT05112861 | 3/1/2024        | A 3-month Study to Compare the Safety of ONS-5010 in Vials Versus Pre-Filled Syringe in Subjects with Visual Impairment Due to Retinal Disorders                                |
| 6     | EIGR   | Eiger BioPharmaceuticals, Inc.         | NCT04727424 | 2/1/2024        | Repurposed Approved and Under Development Therapies for Patients with Early-Onset COVID-19 and Mild Symptoms                                                                    |
| 7     | ARQT   | Arcutis Biotherapeutics, Inc.          | NCT04286607 | 26-01-2024      | Open-Label Extension Trial of PDE4 Inhibition with Roflumilast for the Management of Plaque Psoriasis                                                                           |
| 8     | NVAX   | Novavax, Inc.                          | NCT05875701 | 12-01-2024      | Phase 3 Study of Novavax Vaccine(s) as Booster Dose After mRNA Vaccines                                                                                                         |
| 9     | CHHE   | China Health Industries Holdings, Inc. | NCT05159947 | 10-01-2024      | SPT-07A Injection in Patients with Acute Ischemic Stroke (AIS): A Phase III Clinical Trial                                                                                      |

|    |       |                                |             |            |                                                                                                                                                                                                                             |
|----|-------|--------------------------------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 | ALVR  | AlloVir, Inc.                  | NCT05179057 | 01-01-2024 | Posoleucel (ALVR105) for the Treatment of Adenovirus Infection in Pediatric and Adult Participants Receiving Standard of Care Following Allogeneic Hematopoietic Cell Transplantation                                       |
| 11 | CING  | Cingulate Inc.                 | NCT05286762 | 01-01-2024 | Phase 3 Efficacy and Safety Fixed-Dose Study in Pediatrics (6-17) With ADHD Using CTx-1301                                                                                                                                  |
| 12 | CING  | Cingulate Inc.                 | NCT05924594 | 01-01-2024 | Phase 3 Efficacy and Safety Laboratory Classroom Study in Pediatrics (6-12) With ADHD Using CTx-1301                                                                                                                        |
| 13 | MRNS  | Marinus Pharmaceuticals, Inc.  | NCT05323734 | 01-01-2024 | Adjunctive GNX Treatment Compared with Placebo in Children and Adults With TSC-related Epilepsy                                                                                                                             |
| 14 | AVTX  | Avalo Therapeutics, Inc.       | NCT05462587 | 31-12-2023 | A Study to Evaluate Efficacy and Safety of AVTX-803 in Patients with Leukocyte Adhesion Deficiency Type II                                                                                                                  |
| 15 | AVTX  | Avalo Therapeutics, Inc.       | NCT05754450 | 31-12-2023 | An Extension Study Assessing the Safety and Efficacy of AVTX-803 in Subjects with Leukocyte Adhesion Deficiency Type II                                                                                                     |
| 16 | FGEN  | FibroGen, Inc.                 | NCT03941093 | 31-12-2023 | Evaluation of Efficacy and Safety of Neoadjuvant Treatment with Pamrevlumab in Combination With Chemotherapy (Either Gemcitabine Plus Nab-paclitaxel or FOLFIRINOX) in Participants With Locally Advanced Pancreatic Cancer |
| 17 | PHASQ | PhaseBio Pharmaceuticals, Inc. | NCT04286438 | 31-12-2023 | Bentracimab (PB2452) in Ticagrelor-treated Patients with Uncontrolled Major or Life-Threatening Bleeding or Requiring Urgent Surgery or Invasive Procedure                                                                  |
| 18 | SYRS  | Syros Pharmaceuticals, Inc.    | NCT04797780 | 31-12-2023 | Tamibarotene Plus Azacitidine in Participants with Newly Diagnosed RARA-positive Higher-Risk Myelodysplastic Syndrome                                                                                                       |

|    |      |                                       |             |            |                                                                                                                                                                                 |
|----|------|---------------------------------------|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19 | PRFX | PainReform Ltd.                       | NCT05773846 | 30-12-2023 | A Study to Evaluate Analgesic Efficacy and Safety of PRF-110 for Post-surgical Pain                                                                                             |
| 20 | RVPH | Reviva Pharmaceuticals Holdings, Inc. | NCT05184335 | 20-12-2023 | Safety and Efficacy of Brilaroxazine (RP5063) in Schizophrenia                                                                                                                  |
| 21 | ANVS | Annovis Bio, Inc.                     | NCT05357989 | 04-12-2023 | A Double-blind Study to Investigate Efficacy and Safety of Buntanetap Compared with Placebo in Participants With Early PD                                                       |
| 22 | ANGO | AngioDynamics, Inc.                   | NCT03899636 | 01-12-2023 | A Pivotal Study of Safety and Effectiveness of NanoKnife IRE for Stage 3 Pancreatic Cancer                                                                                      |
| 23 | APLT | Applied Therapeutics, Inc.            | NCT04083339 | 01-12-2023 | Safety and Efficacy of AT-001 in Patients with Diabetic Cardiomyopathy                                                                                                          |
| 24 | BFRI | Biofrontera Inc.                      | NCT03573401 | 01-12-2023 | Study to Evaluate the Safety and Efficacy of BF-200 ALA (Ameluz®) and BF-RhodoLED® in the Treatment of Superficial Basal Cell Carcinoma (sBCC) With Photodynamic Therapy (PDT). |
| 25 | CYTH | Cyclo Therapeutics, Inc.              | NCT04860960 | 01-12-2023 | Phase 3 Study to Evaluate Intravenous Trappsol(R) Cyclo(TM) in Pediatric and Adult Patients With Niemann-Pick Disease Type C1                                                   |
| 26 | EQ   | Equillium, Inc.                       | NCT05263999 | 01-12-2023 | A Study of Itolizumab in Combination with Corticosteroids for the First-Line Treatment of Acute Graft Versus Host Disease (EQUATOR)                                             |
| 27 | RDHL | RedHill Biopharma Ltd.                | NCT04616924 | 01-12-2023 | RHB-204 for the Treatment of Pulmonary Mycobacterium Avium Complex Disease                                                                                                      |
| 28 | VNDA | Vanda Pharmaceuticals Inc.            | NCT04028492 | 01-12-2023 | Evaluating the Safety and Efficacy of Tradipitant vs. Placebo in Idiopathic and Diabetic Gastroparesis                                                                          |

Source: Intro-act, FDA Tracker. Note: The tracker displays Phase 3 trials with primary completion dates within the last 3 months for companies with a market cap less than \$1 billion.

For More Information Visit - [Trial Tracker – FDA Tracker](#)

## EU CLINICAL TRIALS TRACKER – TOP 25 SPONSORS

| S. No | Sponsor Name                 | Trials on EUCTR | Trials due to report results | % Reported | Trials with inconsistent data |
|-------|------------------------------|-----------------|------------------------------|------------|-------------------------------|
| 1     | Novartis                     | 1544            | 973                          | 99.90%     | 332                           |
| 2     | GlaxoSmithKline              | 1197            | 725                          | 100.00%    | 369                           |
| 3     | Pfizer                       | 908             | 571                          | 99.60%     | 229                           |
| 4     | Merck Sharp & Dohme (MSD)    | 867             | 505                          | 100.00%    | 208                           |
| 5     | AstraZeneca                  | 748             | 415                          | 97.80%     | 133                           |
| 6     | Roche                        | 806             | 412                          | 98.80%     | 187                           |
| 7     | Sanofi S.A.                  | 762             | 392                          | 100.00%    | 289                           |
| 8     | Johnson & Johnson            | 589             | 332                          | 99.70%     | 139                           |
| 9     | Eli Lilly                    | 490             | 319                          | 99.40%     | 77                            |
| 10    | Boehringer Ingelheim         | 400             | 311                          | 100.00%    | 51                            |
| 11    | Medical University of Vienna | 452             | 280                          | 93.60%     | 35                            |
| 12    | Bayer                        | 345             | 248                          | 100.00%    | 58                            |
| 13    | Bristol-Myers Squibb         | 411             | 218                          | 100.00%    | 105                           |
| 14    | Amgen Inc                    | 308             | 200                          | 100.00%    | 64                            |

|    |                                    |     |     |         |    |
|----|------------------------------------|-----|-----|---------|----|
| 15 | KU Leuven                          | 274 | 193 | 95.30%  | 7  |
| 16 | Novo Nordisk                       | 283 | 182 | 100.00% | 51 |
| 17 | Gilead Sciences Inc                | 269 | 171 | 100.00% | 64 |
| 18 | Charité-Universitätsmedizin Berlin | 213 | 162 | 100.00% | 8  |
| 19 | Takeda                             | 260 | 152 | 100.00% | 64 |
| 20 | Rigs Hospitalet                    | 268 | 151 | 52.30%  | 24 |
| 21 | AbbVie                             | 271 | 133 | 99.20%  | 64 |
| 22 | Aarhus University                  | 224 | 128 | 67.20%  | 16 |
| 23 | UCB                                | 238 | 123 | 100.00% | 91 |
| 24 | Merck KGaA                         | 179 | 123 | 100.00% | 34 |
| 25 | Servier Laboratories               | 154 | 116 | 100.00% | 22 |

Source: Intro-act, EU Trials Tracker. Note: The companies are ranked on the basis of the highest number of trials due to report results.

For More Information Visit - [EU Trials Tracker](#)

## NOVEL DRUG APPROVALS BY FDA – LAST SIX MONTHS

| S. No | Drug Name | Active Ingredient           | Approval Date | FDA-approved use on approval date                                                                                                                                 |
|-------|-----------|-----------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Letybo    | letibotulinumtoxinA-wlbq    | 2/29/2024     | To temporarily improve the appearance of moderate-to-severe glabellar lines                                                                                       |
| 2     | Exblifep  | cefepime, enmetazobactam    | 2/22/2024     | To treat complicated urinary tract infections                                                                                                                     |
| 3     | Zelsuvmi  | berdazimer                  | 1/5/2024      | To treat molluscum contagiosum                                                                                                                                    |
| 4     | Wainua    | eplontersen                 | 12/21/2023    | To treat polyneuropathy of hereditary transthyretin-mediated amyloidosis                                                                                          |
| 5     | Filsuvez  | birch triterpenes           | 12/18/2023    | To treat wounds associated with dystrophic and junctional epidermolysis bullosa                                                                                   |
| 6     | Fabhalta  | iptacopan                   | 12/5/2023     | To treat paroxysmal nocturnal hemoglobinuria                                                                                                                      |
| 7     | Ogsiveo   | nirogacestat                | 11/27/2023    | To treat adults with progressing desmoid tumors who require systemic treatment                                                                                    |
| 8     | Truqap    | capivasertib                | 11/16/2023    | To treat breast cancer that meets certain disease criteria                                                                                                        |
| 9     | Ryzneuta  | efbemalenograstim alfa-vuxw | 11/16/2023    | To treat neutropenia                                                                                                                                              |
| 10    | Augtyro   | repotrectinib               | 11/15/2023    | To treat ROS1-positive non-small cell lung cancer                                                                                                                 |
| 11    | Defencath | taurolidine, heparin        | 11/15/2023    | To reduce the incidence of catheter-related bloodstream infections in adults with kidney failure receiving chronic hemodialysis through a central venous catheter |
| 12    | Fruzaqla  | fruquintinib                | 11/8/2023     | To treat refractory, metastatic colorectal cancer                                                                                                                 |
| 13    | Loqtorzi  | toripalimab-tpzi            | 10/27/2023    | To treat recurrent or metastatic nasopharyngeal carcinoma when used together with or following other therapies                                                    |
| 14    | OmvoH     | mirikizumab-mrkz            | 10/26/2023    | To treat ulcerative colitis                                                                                                                                       |
| 15    | Agamree   | vamorolone                  | 10/26/2023    | To treat Duchenne muscular dystrophy                                                                                                                              |
| 16    | Bimzelx   | bimekizumab                 | 10/17/2023    | To treat moderate to severe plaque psoriasis in adults who are candidates for systemic therapy or phototherapy                                                    |

|    |           |                           |            |                                                                                                                                                                                        |
|----|-----------|---------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17 | Zilbrysq  | zilucoplan                | 10/17/2023 | To treat generalized myasthenia gravis in adults who are anti-acetylcholine receptor (AChR) antibody positive                                                                          |
| 18 | Velsipity | etrasimod                 | 10/12/2023 | To treat moderately to severely active ulcerative colitis in adults                                                                                                                    |
| 19 | Rivfloza  | nedosiran                 | 9/29/2023  | To lower urinary oxalate levels in patients 9 years and older with primary hyperoxaluria type 1 and relatively preserved kidney function                                               |
| 20 | Pombiliti | cipaglucosidase alfa-atga | 9/28/2023  | To treat late-onset Pompe disease                                                                                                                                                      |
| 21 | Exxua     | gepirone                  | 9/22/2023  | To treat major depressive disorder                                                                                                                                                     |
| 22 | Ojjaara   | momelotinib               | 9/15/2023  | To treat intermediate or high-risk myelofibrosis in adults with anemia                                                                                                                 |
| 23 | Aphexda   | motixafortide             | 9/8/2023   | To use with filgrastim (G-CSF) to mobilize hematopoietic stem cells to the peripheral blood for collection and subsequent autologous transplantation in patients with multiple myeloma |

Source: Intro-act, FDA

*Note \*The listed "FDA-approved use" on this website is for presentation purposes only. To see the FDA-approved conditions of use [e.g., indication(s), population(s), dosing regimen(s)] for each of these products, see the most recent A-approved Prescribing Information (click on the Drug Name).*

## MEDICAL DEVICES APPROVALS BY FDA – LAST SIX MONTHS

| S. No | Device Name                                                 | Category                           | Date       |
|-------|-------------------------------------------------------------|------------------------------------|------------|
| 1     | Edwards EVOQUE Tricuspid Valve Replacement System – P230013 | Tricuspid Valve Replacement System | 02/01/2024 |
| 2     | RHA 3 dermal filler - P170002/S030                          | Dermal Filler                      | 10/27/2023 |
| 3     | Oncomine™ Dx Target Test - P160045/S025                     | Lab Test                           | 09/29/2023 |
| 4     | CRCdx(R) RAS Mutation Detection Kit - P220005               | Lab Test                           | 09/29/2023 |
| 5     | LimFlow™ System                                             | Stent                              | 09/11/2023 |

Source: Intro-act, FDA

## HEALTHTECH INSTITUTIONAL INVESTOR LEAGUE

Chart 20: Healthtech Institutional Owners League (Current)

| Rank | Institution Name                                        | Invested in Healthtech (\$) | Q/Q Change (\$)          | #Healthtech Positions | % of Instit Ownership |
|------|---------------------------------------------------------|-----------------------------|--------------------------|-----------------------|-----------------------|
| 1    | The Vanguard Group, Inc.                                | 1,067,856,027,919           | (50,214,918,300)         | 439                   | 11.1%                 |
| 2    | BlackRock Fund Advisors                                 | 609,245,873,281             | (27,722,313,849)         | 428                   | 6.3%                  |
| 3    | SSgA Funds Management, Inc.                             | 482,273,978,035             | (14,344,873,845)         | 438                   | 5.0%                  |
| 4    | Fidelity Management & Research Co. LLC                  | 259,592,221,001             | (14,944,779,382)         | 332                   | 2.7%                  |
| 5    | Geode Capital Management                                | 246,566,374,993             | (8,727,588,377)          | 452                   | 2.6%                  |
| 6    | Norges Bank Inv Mgt                                     | 187,031,099,228             | 186,029,759,925          | 298                   | 1.9%                  |
| 7    | T. Rowe Price Associates, Inc. (Investment Management)  | 186,716,966,735             | (18,018,725,983)         | 233                   | 1.9%                  |
| 8    | Wellington Management Co                                | 164,487,241,493             | (2,948,171,557)          | 226                   | 1.7%                  |
| 9    | Berkshire Hathaway, Inc. (Investment Management)        | 158,453,041,832             | (22,764,727,382)         | 2                     | 1.6%                  |
| 10   | Capital Research & Mgt Co. (World Investors)            | 148,614,106,242             | (9,612,450,488)          | 107                   | 1.5%                  |
| 11   | Northern Trust Investments                              | 113,684,047,333             | (6,872,658,147)          | 430                   | 1.2%                  |
| 12   | JPMorgan Investment Management, Inc.                    | 109,965,630,081             | (9,463,583,110)          | 313                   | 1.1%                  |
| 13   | Capital Research & Mgt Co. (Global Investors)           | 103,378,665,179             | (1,315,888,437)          | 69                    | 1.1%                  |
| 14   | BlackRock Investment Management (UK) Ltd.               | 102,571,829,030             | 3,308,912,984            | 357                   | 1.1%                  |
| 15   | BlackRock Advisors (UK) Ltd.                            | 99,919,542,111              | (2,963,790,038)          | 367                   | 1.0%                  |
| 16   | Capital Research & Mgt Co. (International Investors)    | 89,221,923,719              | (666,316,351)            | 62                    | 0.9%                  |
| 17   | Charles Schwab Investment Management, Inc.              | 86,142,041,900              | (1,265,175,108)          | 392                   | 0.9%                  |
| 18   | Morgan Stanley Smith Barney LLC (Investment Management) | 70,270,782,415              | (3,414,579,422)          | 300                   | 0.7%                  |
| 19   | Legal & General Investment Management Ltd.              | 66,202,423,001              | (1,714,250,398)          | 360                   | 0.7%                  |
| 20   | Massachusetts Financial Services Co.                    | 66,026,760,975              | (4,932,147,894)          | 109                   | 0.7%                  |
| 21   | AllianceBernstein LP                                    | 63,546,099,344              | (5,314,275,771)          | 325                   | 0.7%                  |
| 22   | Goldman Sachs Asset Management LP                       | 61,127,642,699              | (589,512,096)            | 357                   | 0.6%                  |
| 23   | Dimensional Fund Advisors LP                            | 54,409,739,767              | (2,511,740,109)          | 359                   | 0.6%                  |
| 24   | Parametric Portfolio Associates                         | 50,723,088,266              | (3,440,001,007)          | 329                   | 0.5%                  |
| 25   | Columbia Management Investment Advisers LLC             | 49,754,046,337              | (3,879,394,868)          | 267                   | 0.5%                  |
|      | <b>OTHERS</b>                                           | <b>4,932,759,318,350</b>    | <b>(227,571,019,694)</b> | <b>203,290</b>        | <b>51.2%</b>          |
|      | <b>TOTAL</b>                                            | <b>9,630,540,511,266</b>    | <b>(255,874,208,704)</b> | <b>210,641</b>        | <b>100.0%</b>         |

Source: Intro-act, 13F Filings

Chart 21: Top 25 Healthtech Buyers (Q/Q)

| Rank | Institution Name                                | Invested in Healthtech (\$) | Q/Q Change (\$) | #Healthtech Positions | % of Instit Ownership |
|------|-------------------------------------------------|-----------------------------|-----------------|-----------------------|-----------------------|
| 1    | Norges Bank Investment Management               | 187,031,099,228             | 186,029,759,925 | 298                   | 1.9%                  |
| 2    | LGIM Singapore Pte Ltd.                         | 17,045,122,057              | 17,045,122,057  | 87                    | 0.2%                  |
| 3    | Morgan Stanley & Co. LLC                        | 33,130,313,132              | 6,178,872,721   | 298                   | 0.3%                  |
| 4    | Dodge & Cox                                     | 36,753,098,682              | 5,000,608,360   | 46                    | 0.4%                  |
| 5    | JPMorgan Chase Bank, NA (Investment Management) | 21,281,183,832              | 4,485,347,398   | 249                   | 0.2%                  |
| 6    | DWS Investments (UK) Ltd.                       | 25,467,715,543              | 4,101,849,820   | 362                   | 0.3%                  |
| 7    | UBS Asset Management Switzerland AG             | 37,538,270,651              | 3,402,642,719   | 318                   | 0.4%                  |
| 8    | BlackRock Investment Management (UK) Ltd.       | 102,571,829,030             | 3,308,912,984   | 357                   | 1.1%                  |
| 9    | TCI Fund Management Ltd.                        | 4,972,202,140               | 3,306,159,431   | 3                     | 0.1%                  |
| 10   | The Bank of Nova Scotia (Private Banking)       | 7,792,337,273               | 3,189,626,060   | 94                    | 0.1%                  |
| 11   | Olayan Europe Ltd.                              | 2,886,320,032               | 2,886,320,032   | 16                    | 0.0%                  |
| 12   | BMO Asset Management Corp.                      | 16,820,997,332              | 2,647,106,038   | 174                   | 0.2%                  |
| 13   | Jane Street Capital LLC                         | 7,459,891,263               | 2,541,000,521   | 269                   | 0.1%                  |
| 14   | Degroof Petercam Asset Management SA            | 3,256,380,537               | 2,354,592,734   | 158                   | 0.0%                  |
| 15   | PNC Bank, NA (Investment Management)            | 42,047,819,713              | 2,339,514,096   | 226                   | 0.4%                  |
| 16   | Barclays Bank Plc (Private Banking)             | 27,125,307,288              | 2,241,296,298   | 268                   | 0.3%                  |
| 17   | RBC Global Asset Management, Inc.               | 17,315,197,030              | 2,237,869,575   | 255                   | 0.2%                  |
| 18   | Aegon Asset Management UK PLC                   | 2,209,321,388               | 1,780,632,049   | 27                    | 0.0%                  |
| 19   | Zurcher Kantonalbank (Investment Management)    | 13,651,136,083              | 1,603,828,778   | 344                   | 0.1%                  |
| 20   | Groupama Asset Management SA                    | 1,458,874,184               | 1,457,869,035   | 71                    | 0.0%                  |
| 21   | Epoch Investment Partners, Inc.                 | 5,518,555,099               | 1,430,281,481   | 67                    | 0.1%                  |
| 22   | Sapient Capital LLC                             | 1,415,737,816               | 1,415,737,816   | 36                    | 0.0%                  |
| 23   | APG Asset Management US, Inc.                   | 1,278,076,644               | 1,278,076,644   | 70                    | 0.0%                  |
| 24   | Morningstar Investment Services LLC             | 2,365,237,820               | 1,169,470,460   | 40                    | 0.0%                  |
| 25   | Qube Research & Technologies Ltd.               | 6,794,497,108               | 1,163,378,150   | 202                   | 0.1%                  |

Source: Intro-act, 13F Filings

Chart 22: Top 25 Healthtech Sellers (Q/Q)

| Rank | Institution Name                                         | Invested in Healthtech (\$) | Q/Q Change (\$)  | #Healthtech Positions | % of Instit Ownership |
|------|----------------------------------------------------------|-----------------------------|------------------|-----------------------|-----------------------|
| 1    | The Vanguard Group, Inc.                                 | 1,067,856,027,919           | (50,214,918,300) | 439                   | 11.1%                 |
| 2    | BlackRock Fund Advisors                                  | 609,245,873,281             | (27,722,313,849) | 428                   | 6.3%                  |
| 3    | Berkshire Hathaway, Inc. (Investment Management)         | 158,453,041,832             | (22,764,727,382) | 2                     | 1.6%                  |
| 4    | T. Rowe Price Associates, Inc. (Investment Management)   | 186,716,966,735             | (18,018,725,983) | 233                   | 1.9%                  |
| 5    | Fidelity Management & Research Co. LLC                   | 259,592,221,001             | (14,944,779,382) | 332                   | 2.7%                  |
| 6    | SSgA Funds Management, Inc.                              | 482,273,978,035             | (14,344,873,845) | 438                   | 5.0%                  |
| 7    | Union Investment Privatfonds GmbH                        | 10,914,643,183              | (13,216,056,525) | 18                    | 0.1%                  |
| 8    | Capital Research & Management Co. (World Investors)      | 148,614,106,242             | (9,612,450,488)  | 107                   | 1.5%                  |
| 9    | JPMorgan Investment Management, Inc.                     | 109,965,630,081             | (9,463,583,110)  | 313                   | 1.1%                  |
| 10   | Geode Capital Management LLC                             | 246,566,374,993             | (8,727,588,377)  | 452                   | 2.6%                  |
| 11   | Northern Trust Investments, Inc. (Investment Management) | 113,684,047,333             | (6,872,658,147)  | 430                   | 1.2%                  |
| 12   | Northern Trust Global Investments Ltd.                   | 11,499,597,790              | (5,993,166,816)  | 341                   | 0.1%                  |
| 13   | AllianceBernstein LP                                     | 63,546,099,344              | (5,314,275,771)  | 325                   | 0.7%                  |
| 14   | Massachusetts Financial Services Co.                     | 66,026,760,975              | (4,932,147,894)  | 109                   | 0.7%                  |
| 15   | JPMorgan Securities LLC (Investment Management)          | 11,911,459,917              | (4,563,478,128)  | 280                   | 0.1%                  |
| 16   | Mellon Investments Corp.                                 | 44,591,910,766              | (4,549,614,982)  | 375                   | 0.5%                  |
| 17   | Arrowstreet Capital LP                                   | 20,590,370,656              | (4,459,978,128)  | 81                    | 0.2%                  |
| 18   | T. Rowe Price Investment Management, Inc.                | 34,211,257,243              | (4,353,531,783)  | 79                    | 0.4%                  |
| 19   | Baillie Gifford & Co.                                    | 20,315,279,375              | (4,255,888,783)  | 76                    | 0.2%                  |
| 20   | Columbia Management Investment Advisers LLC              | 49,754,046,337              | (3,879,394,868)  | 267                   | 0.5%                  |
| 21   | Bank of America, NA (Private Banking)                    | 25,081,627,300              | (3,463,984,439)  | 301                   | 0.3%                  |
| 22   | Parametric Portfolio Associates LLC                      | 50,723,088,266              | (3,440,001,007)  | 329                   | 0.5%                  |
| 23   | Morgan Stanley Smith Barney LLC (Investment Management)  | 70,270,782,415              | (3,414,579,422)  | 300                   | 0.7%                  |
| 24   | BlackRock Investment Management LLC                      | 37,006,839,892              | (3,400,472,852)  | 340                   | 0.4%                  |
| 25   | Janus Henderson Investors US LLC                         | 39,791,139,098              | (3,332,451,186)  | 229                   | 0.4%                  |

Source: Intro-act, 13F Filings

## ETF SPOTLIGHT

## ARK Genomic Revolution ETF (ARKG)

| Closing Price (\$) | CUSIP     | Expense Ratio | Inception  |
|--------------------|-----------|---------------|------------|
| 31.51              | 00214Q302 | 0.75          | 10/31/2014 |

| AUM (\$ million) | Shares Outstanding (#) | Fund Flows (1M, \$) | Fund Flows (YTD, \$) |
|------------------|------------------------|---------------------|----------------------|
| 1,866,471,304.72 | 59350000               | (50,396,650.00)     | (256,661,850.00)     |

## Fund Description

ARKG is an actively managed Exchange Traded Fund (ETF) with the primary objective of achieving long-term capital growth. The fund invests, under normal circumstances, at least 80% of its assets in both domestic and foreign equity securities. These securities belong to companies spanning various sectors such as health care, information technology, materials, energy, and consumer discretionary, aligning with the fund's investment theme of the genomics revolution. The companies within ARKG focus on and are poised to benefit significantly from incorporating genomics-related technological and scientific advancements into their business, with a concentration on issuers in the healthcare sector, including those in the biotechnology industry.

## ETF Returns Annualized (As of 01/31/2024)

| 1 Year  | 3 Year  | 5 Year | Since Inception |
|---------|---------|--------|-----------------|
| -15.46% | -34.50% | 1.12%  | 4.78%           |

## ETF Returns Cumulative (As of 01/31/2024)

| 1 Month | 3 Month | YTD     | Since Inception |
|---------|---------|---------|-----------------|
| -13.32% | 23.54%  | -13.32% | 53.76%          |

## Top 10 Holdings (updated as of 03/04/24)

| Holdings                     | % Allocation | Market Value     |
|------------------------------|--------------|------------------|
| CRISPR THERAPEUTICS AG       | 8.16%        | \$152,430,192.50 |
| RECURSION PHARMACEUTICALS-A  | 6.13%        | \$114,607,214.19 |
| TWIST BIOSCIENCE CORP        | 5.93%        | \$110,766,809.12 |
| EXACT SCIENCES CORP          | 4.89%        | \$91,432,331.76  |
| BEAM THERAPEUTICS INC        | 4.81%        | \$89,844,020.64  |
| INTELLIA THERAPEUTICS INC    | 4.13%        | \$77,193,673.64  |
| CAREDX INC                   | 3.95%        | \$73,898,202.56  |
| SCHRODINGER INC              | 3.79%        | \$70,835,290.82  |
| ARCTURUS THERAPEUTICS HOLDIN | 3.77%        | \$70,446,375.44  |
| GINKGO BIOWORKS HOLDINGS INC | 3.75%        | \$70,070,259.99  |

Source: Intro-act, FactSet

For more information on ARKF visit: <https://ark-funds.com/funds/arkg/>

## iShares Global Healthcare ETF (IXJ)

| Closing Price (\$) | CUSIP                  | Expense Ratio       | Inception            |
|--------------------|------------------------|---------------------|----------------------|
| 90.96              | 464287325              | 0.42                | 11/13/2001           |
| AUM (\$ million)   | Shares Outstanding (#) | Fund Flows (1M, \$) | Fund Flows (YTD, \$) |
| 4,111,811,316.78   | 44600000               | (45,205,220.00)     | (172,674,795.00)     |

### Fund Description

The objective of this investment is to replicate the performance of the S&P Global 1200 Health Care Index™. Typically, the fund allocates a minimum of 80% of its assets to the component securities of its underlying index and investments with economic traits closely resembling those of the said securities. Additionally, it may allocate up to 20% of its assets to specific futures, options, and swap contracts, along with cash and cash equivalents. The index evaluates the performance of companies within the healthcare sector deemed significant to global markets by the index provider.

### ETF Returns Annualized (As of 01/31/2024)

| 1 Year | 3 Year | 5 Year | Since Inception |
|--------|--------|--------|-----------------|
| 6.76%  | 6.30%  | 9.82%  | 7.57%           |

### ETF Returns Cumulative (As of 01/31/2024)

| YTD   | 1 Month | 3 Months | Since Inception |
|-------|---------|----------|-----------------|
| 2.42% | 2.42%   | 12.69%   | 405.62%         |

### Top 10 Holdings (updated as of 03/01/24)

| Holdings                     | % Allocation | Market Value    |
|------------------------------|--------------|-----------------|
| ELI LILLY                    | 8.28%        | 33,93,34,493.80 |
| UNITEDHEALTH GROUP INC       | 6.02%        | 24,66,53,117.21 |
| NOVO NORDISK CLASS B         | 5.30%        | 21,70,90,695.61 |
| JOHNSON & JOHNSON            | 4.91%        | 20,11,99,674.48 |
| MERCK & CO INC               | 4.34%        | 17,76,86,994.96 |
| ABBVIE INC                   | 4.21%        | 17,23,73,523.15 |
| THERMO FISHER SCIENTIFIC INC | 2.95%        | 12,10,47,742.56 |
| NOVARTIS AG                  | 2.82%        | 11,55,81,570.69 |
| ABBOTT LABORATORIES          | 2.74%        | 11,22,57,816.30 |
| ASTRAZENECA PLC              | 2.62%        | 10,74,54,756.98 |

Source: Intro-act, FactSet

For more information visit: <https://www.ishares.com/us/products/239744/ishares-global-healthcare-etf>

## ETF COMPARISON

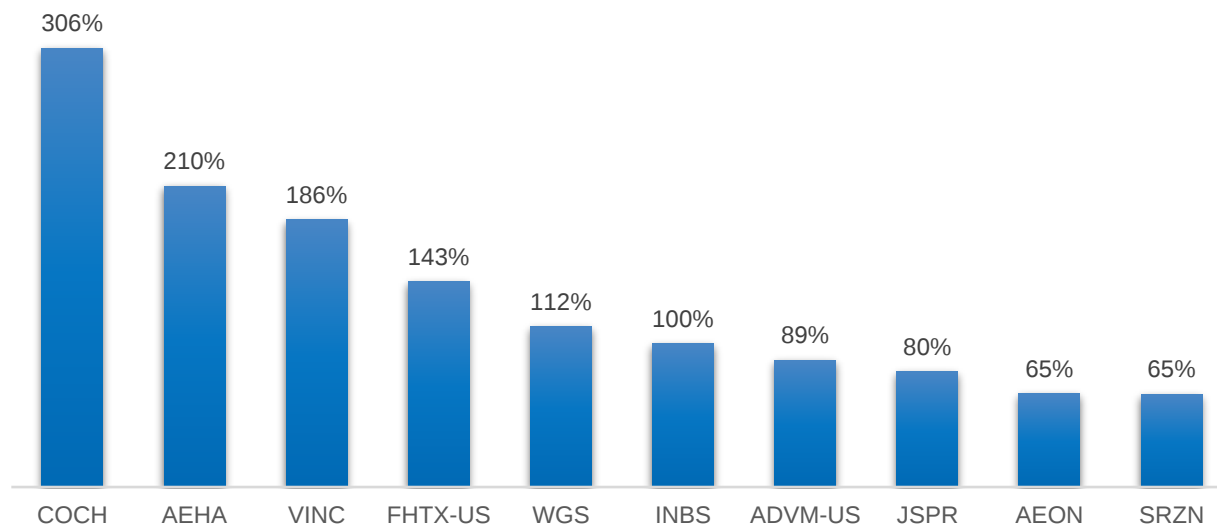
Chart 23: ARKG, IXJ Vs SPX



Source: Intro-act, FactSet. Data as of February 29, 2024.

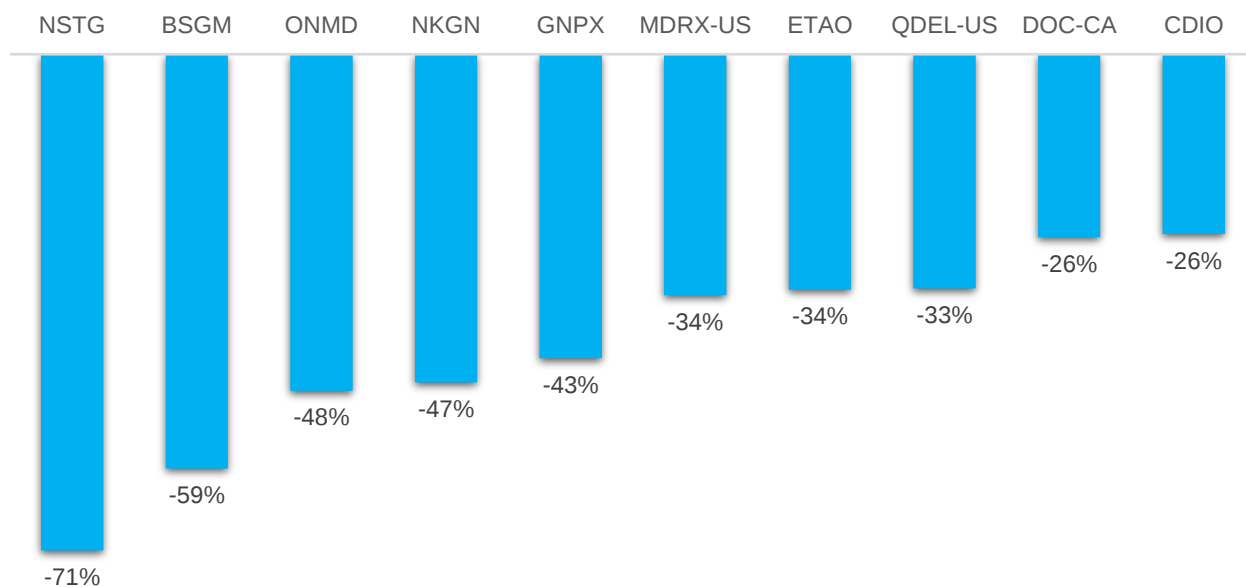
## GAINERS AND LOSERS – HEALTHTECH STOCKS

Chart 24: Top 10 M/M Healthtech Gainers (Feb 2024)



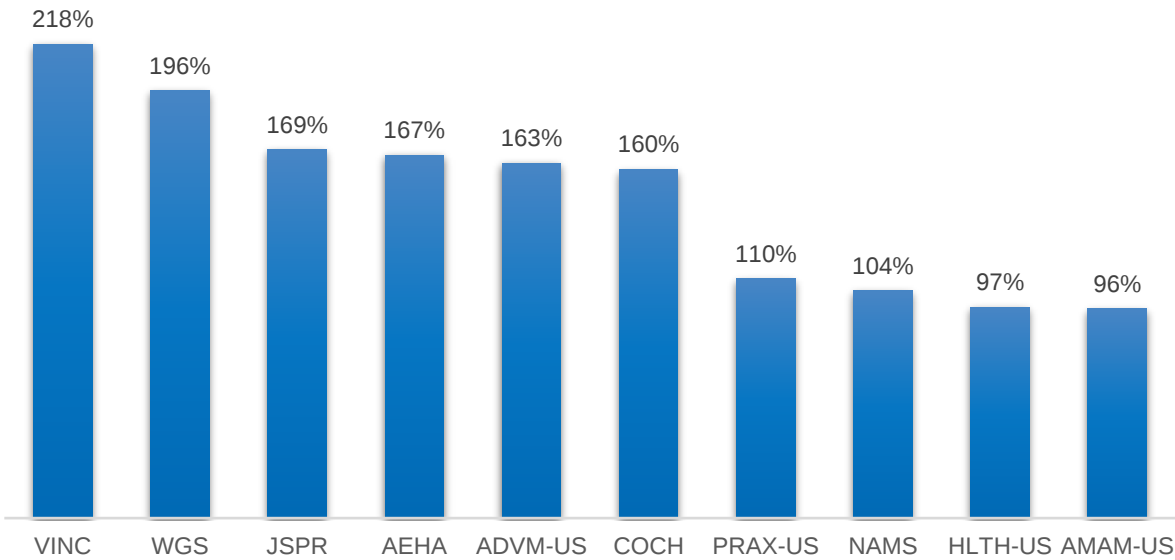
Source: Intro-act, FactSet. Data as of February 29, 2024.

Chart 25: Top 10 M/M Healthtech Losers (Feb 2024)



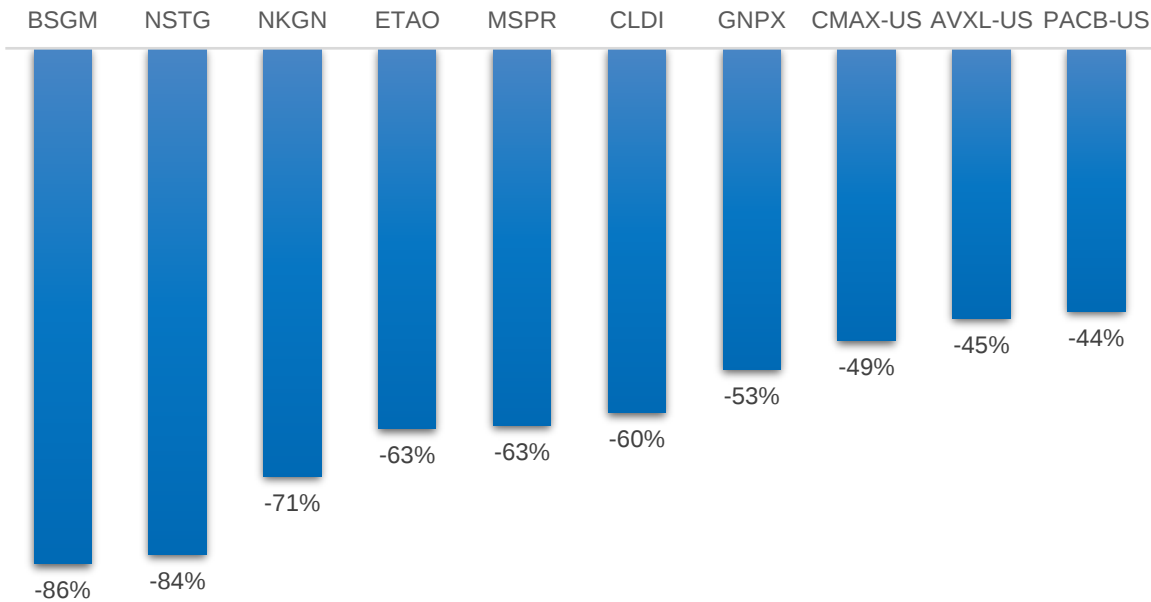
Source: Intro-act, FactSet. Data as of February 29, 2024.

Chart 26: Top 10 YTD Healthtech Gainers



Source: Intro-act, FactSet. YTD Data as of February 29, 2024.

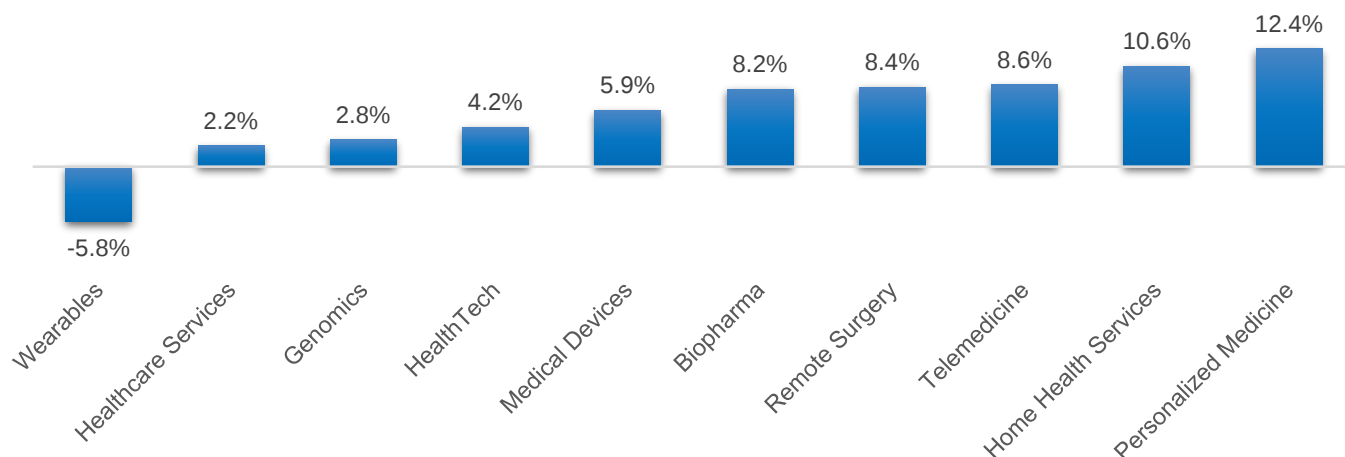
Chart 27: Top 10 YTD Healthtech Losers



Source: Intro-act, FactSet. YTD Data as of February 29, 2024.

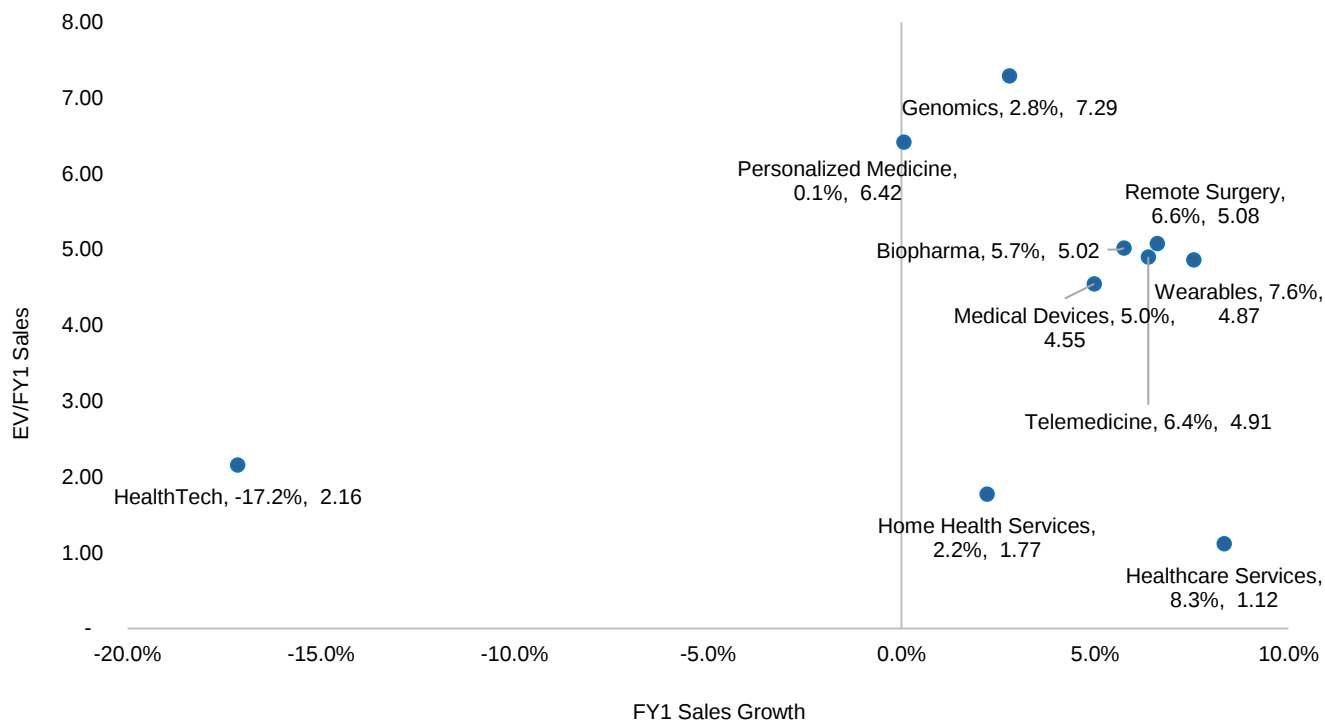
## SEGMENT RETURN AND VALUATION

Chart 28: YTD Stock Price Returns by Segment



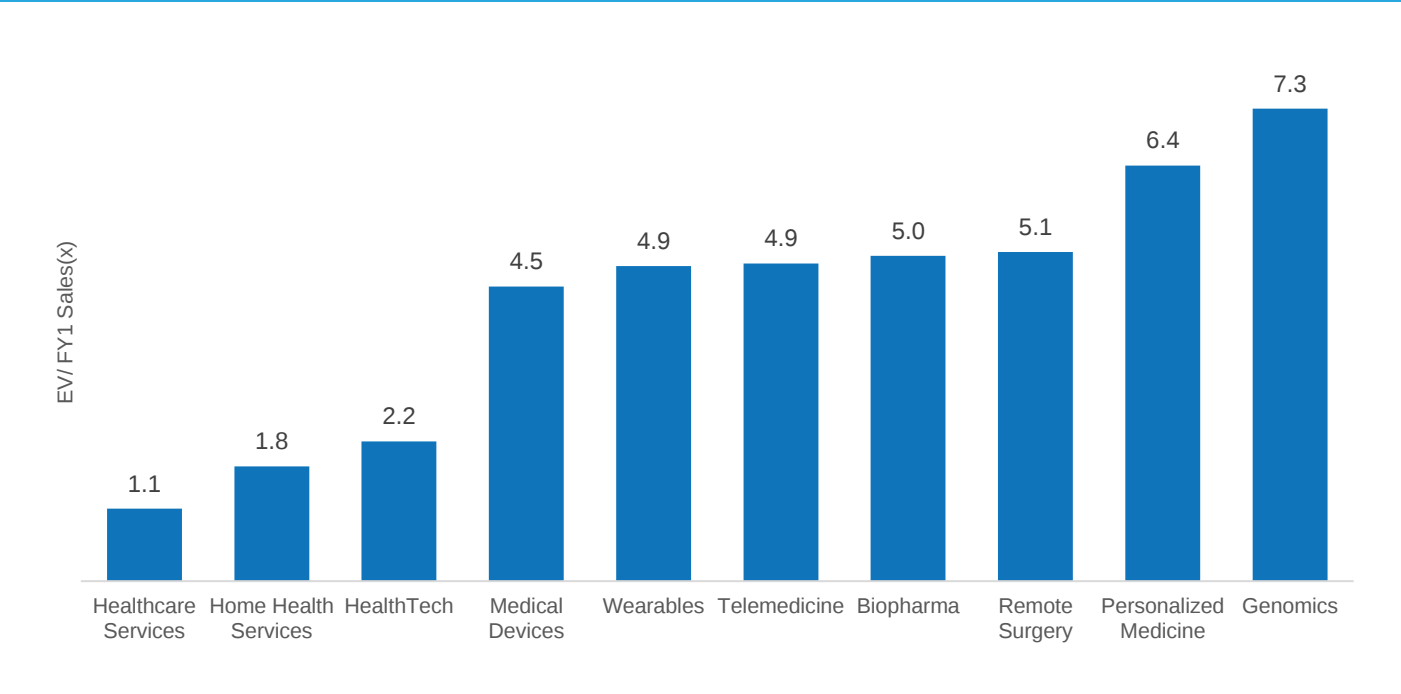
Source: Intro-act, FactSet. YTD Data as of February 29, 2024.

Chart 29: Healthtech Industry Growth and Valuation by Segment



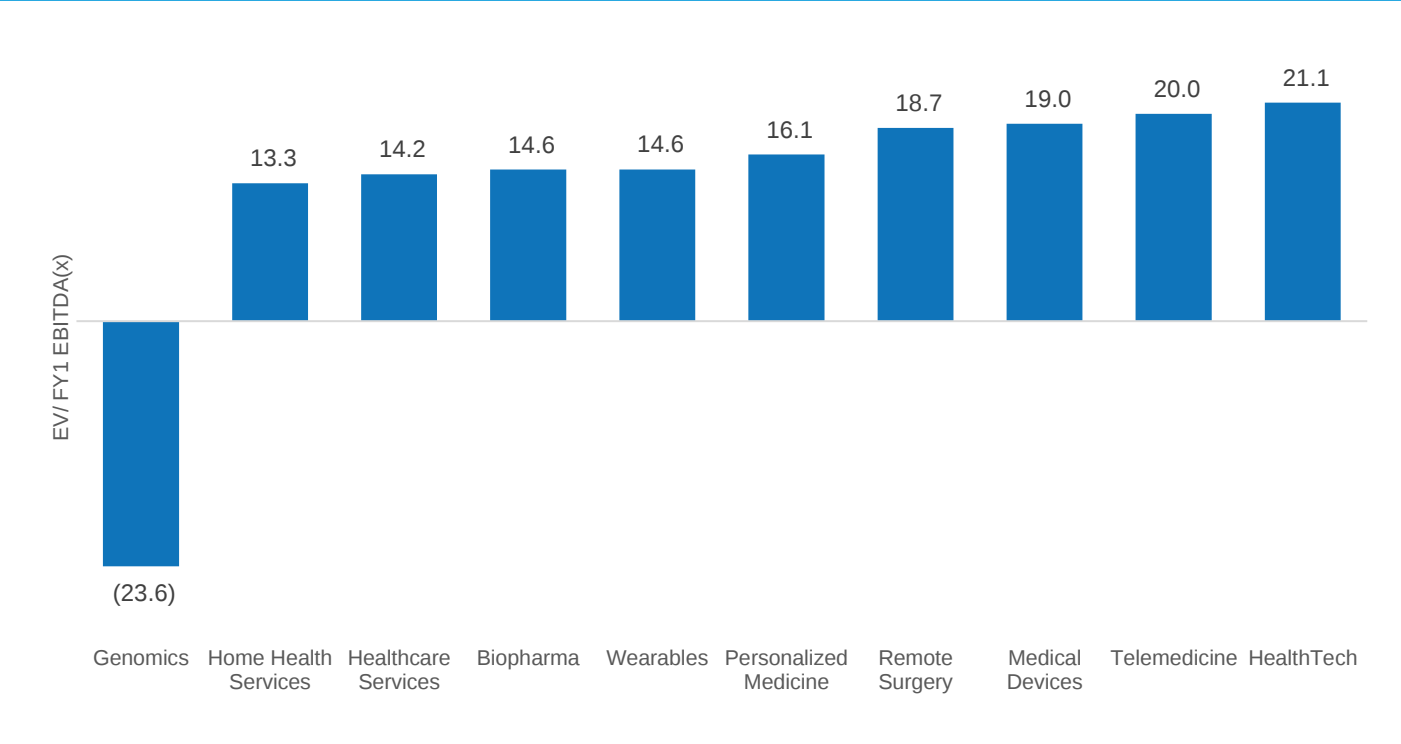
Source: Intro-act, FactSet. Data as of February 29, 2024.

Chart 30: EV/ FY1 Sales Multiple by Segment



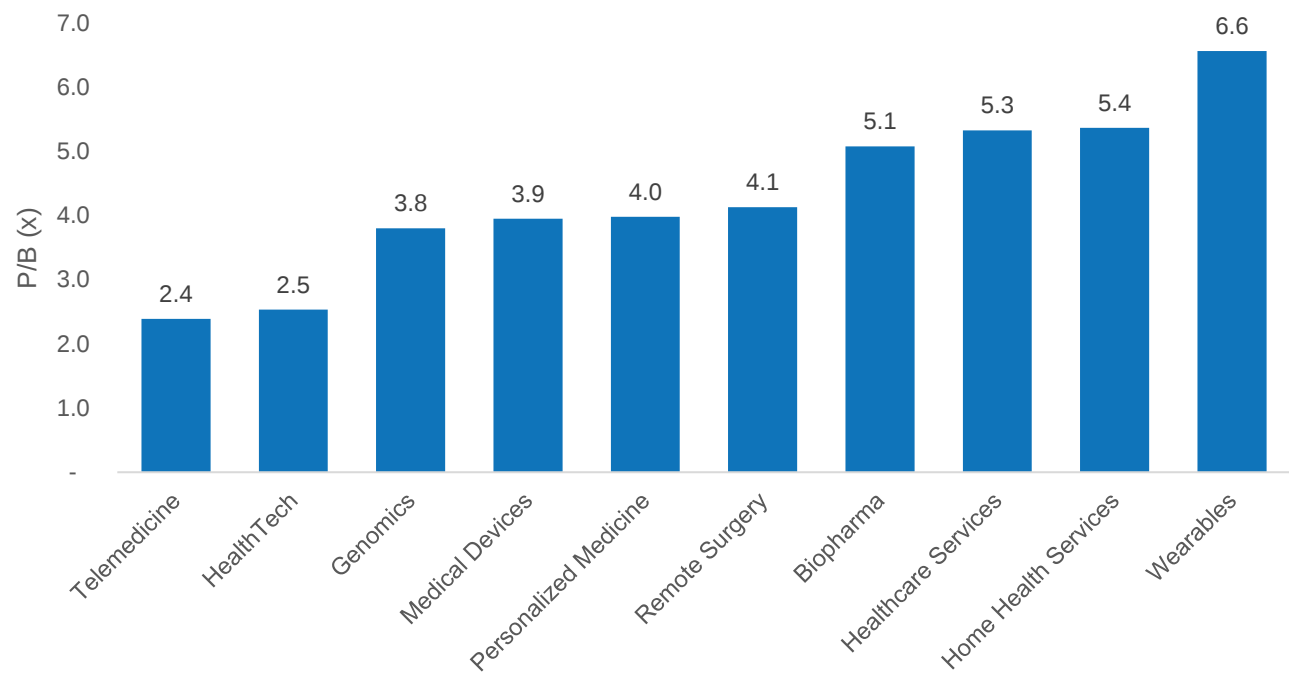
Source: Intro-act, FactSet. Data as of February 29, 2024.

Chart 31: EV/ FY1 EBITDA Multiple by Segment



Source: Intro-act, FactSet. Data as of February 29, 2024.

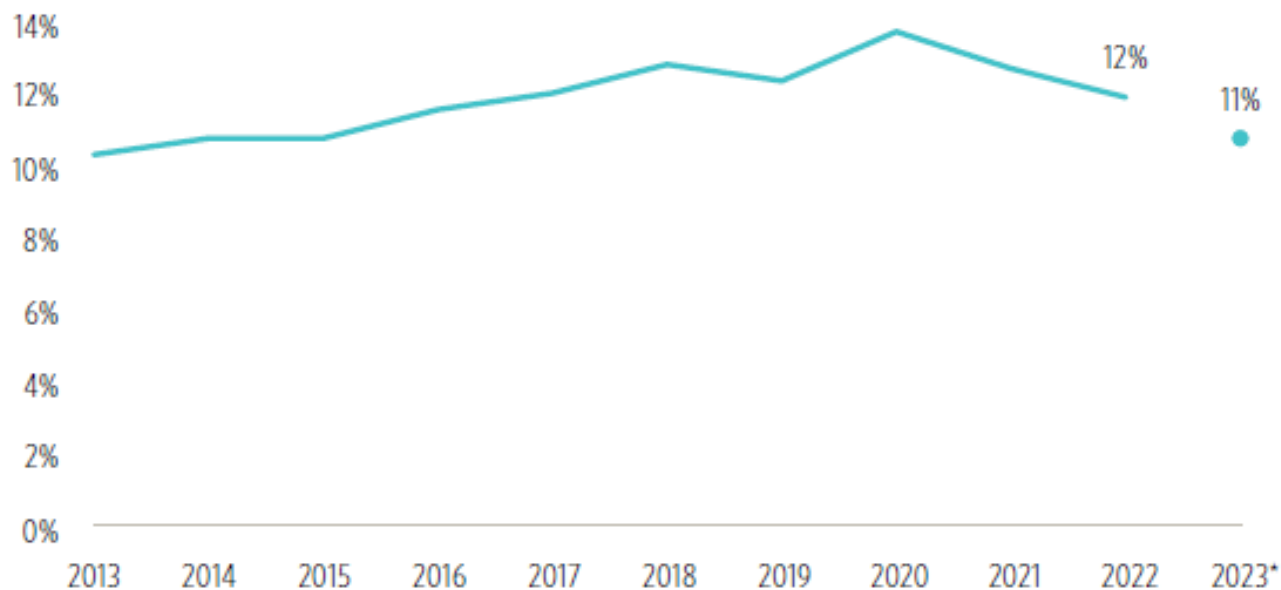
Chart 32: Price-to-Book Multiple by Segment



Source: Intro-act, FactSet. Data as of February 29, 2024.

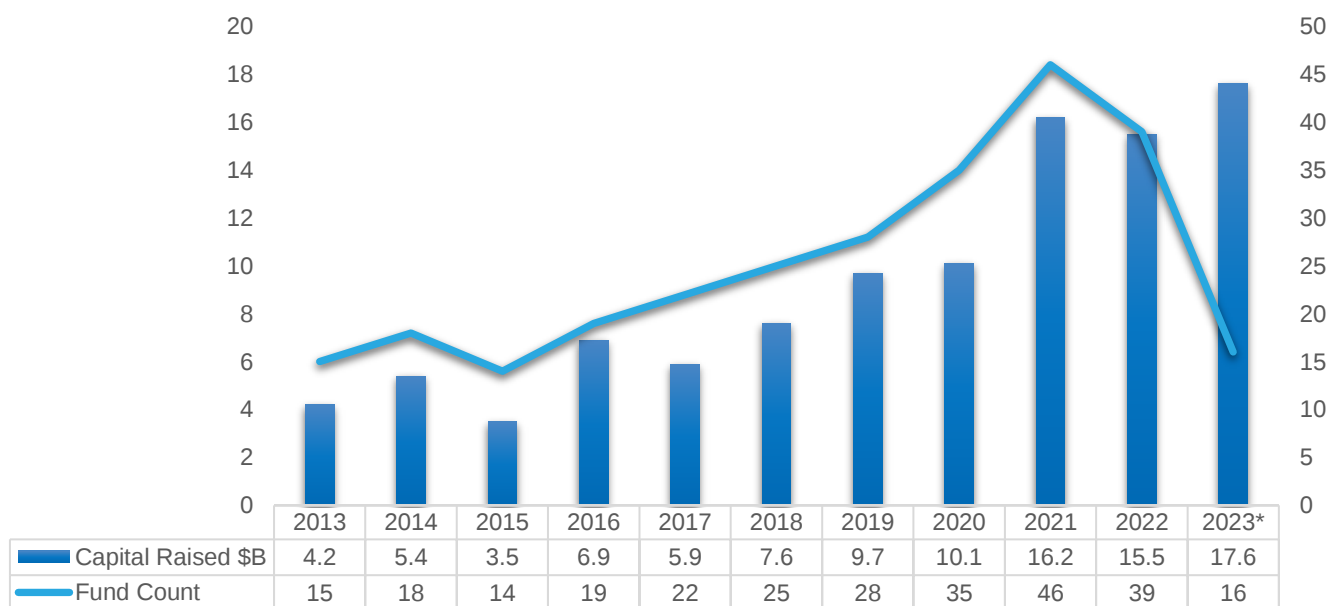
## HEALTHTECH CAPITAL MARKET TRENDS

Chart 33: Healthcare PE Deals as a Share of All PE Deal Count



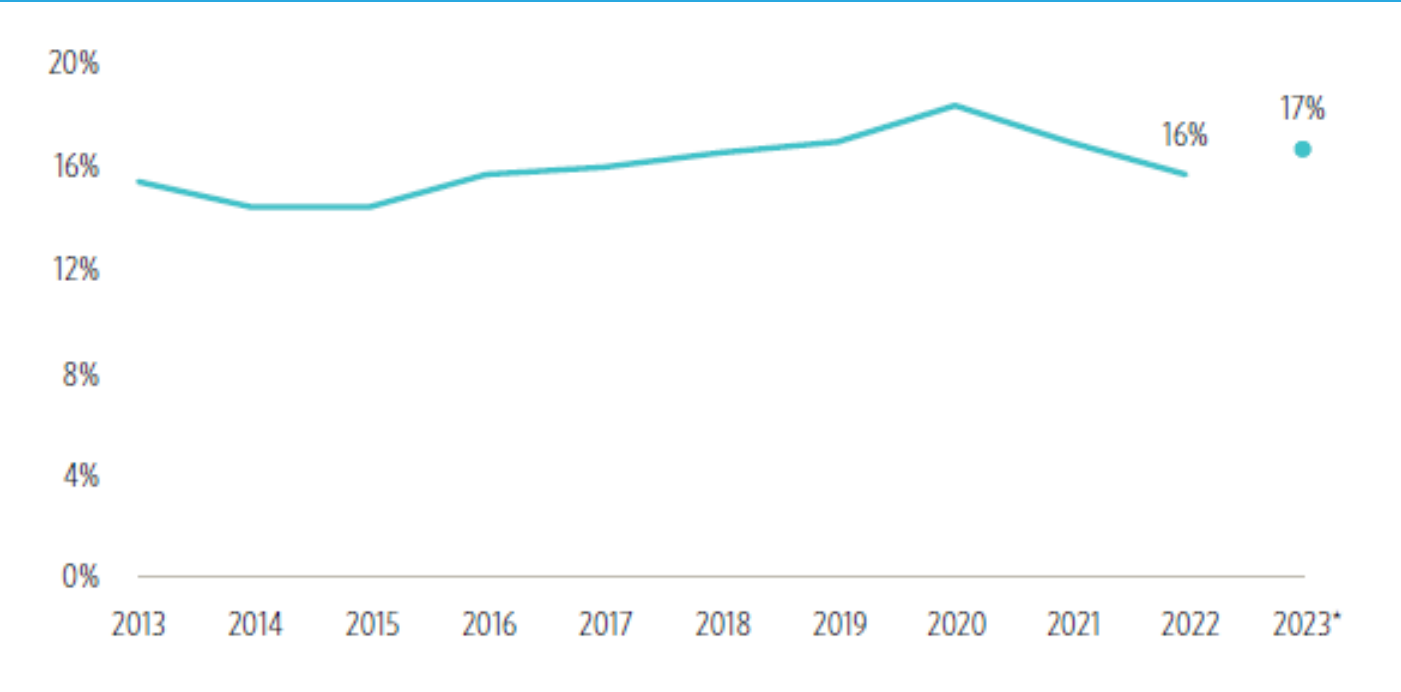
Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 34: Healthcare Specialist PE Fundraising Activity



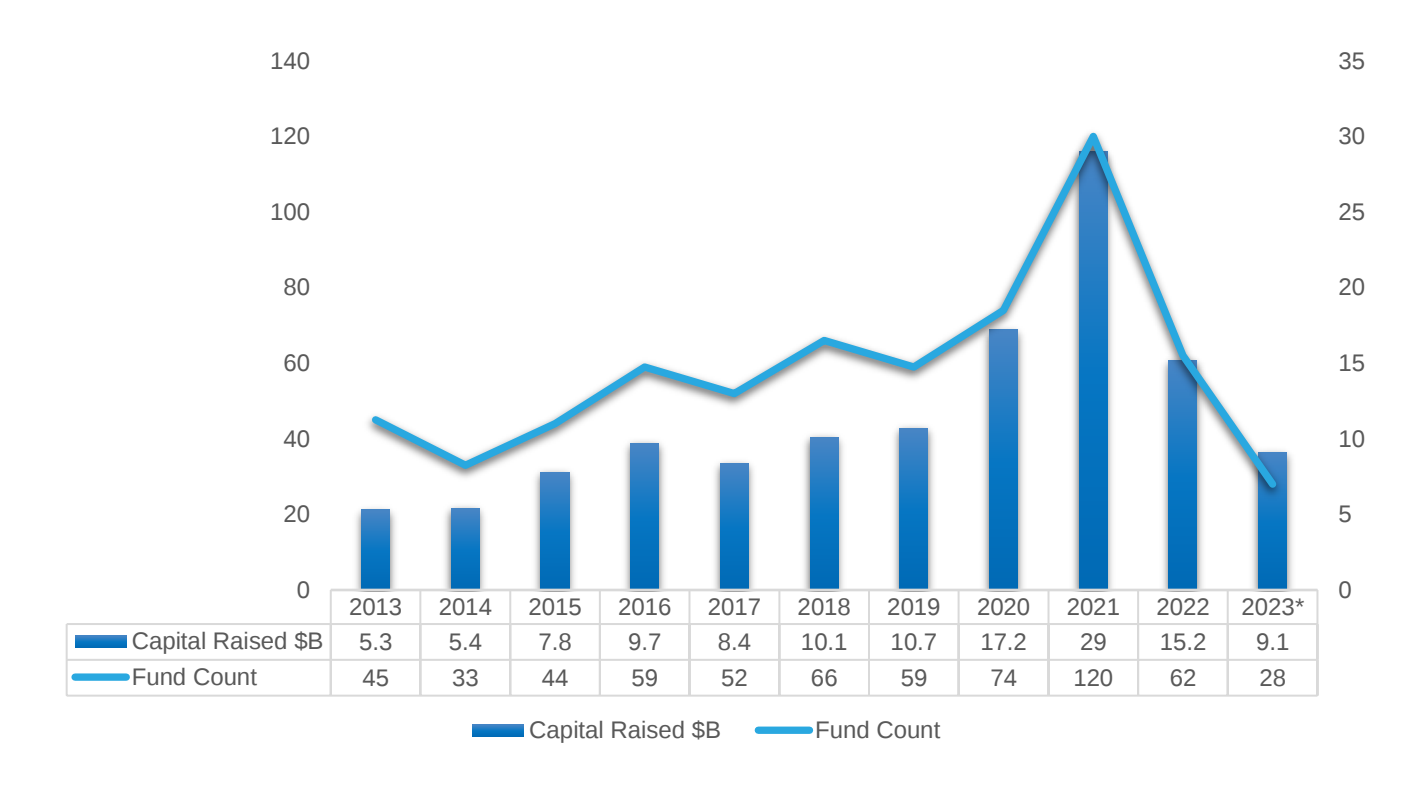
Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 35: Healthcare VC Deals as a Share of All VC Deal Count



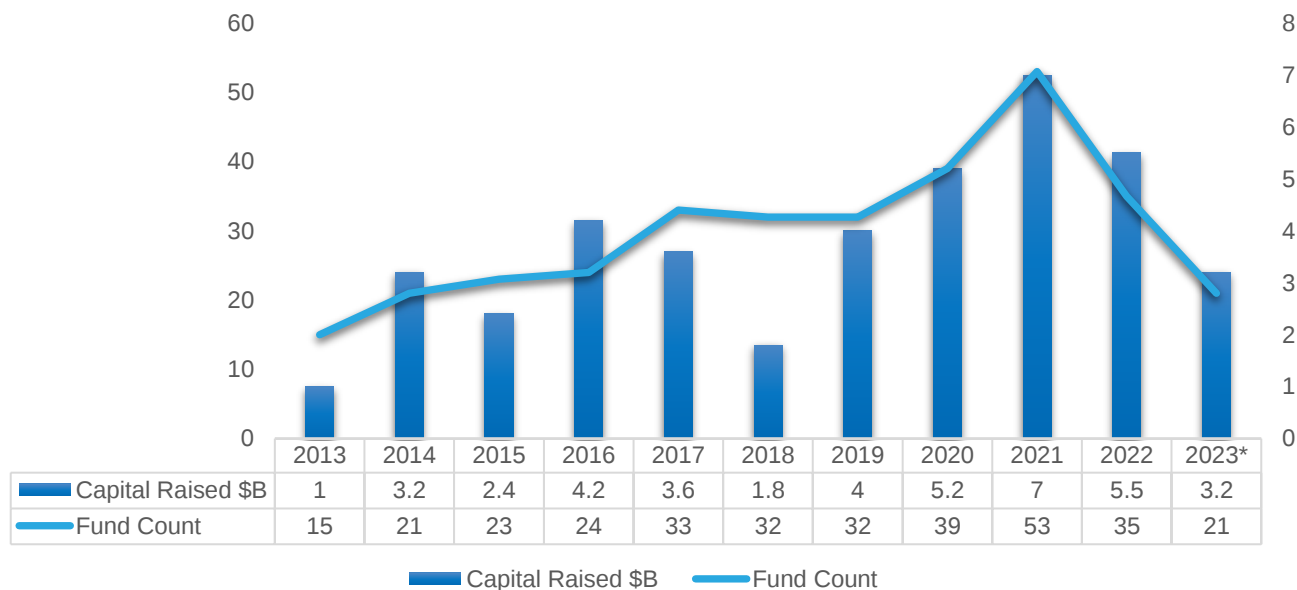
Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 36: Life Sciences Specialist VC Fundraising Activity



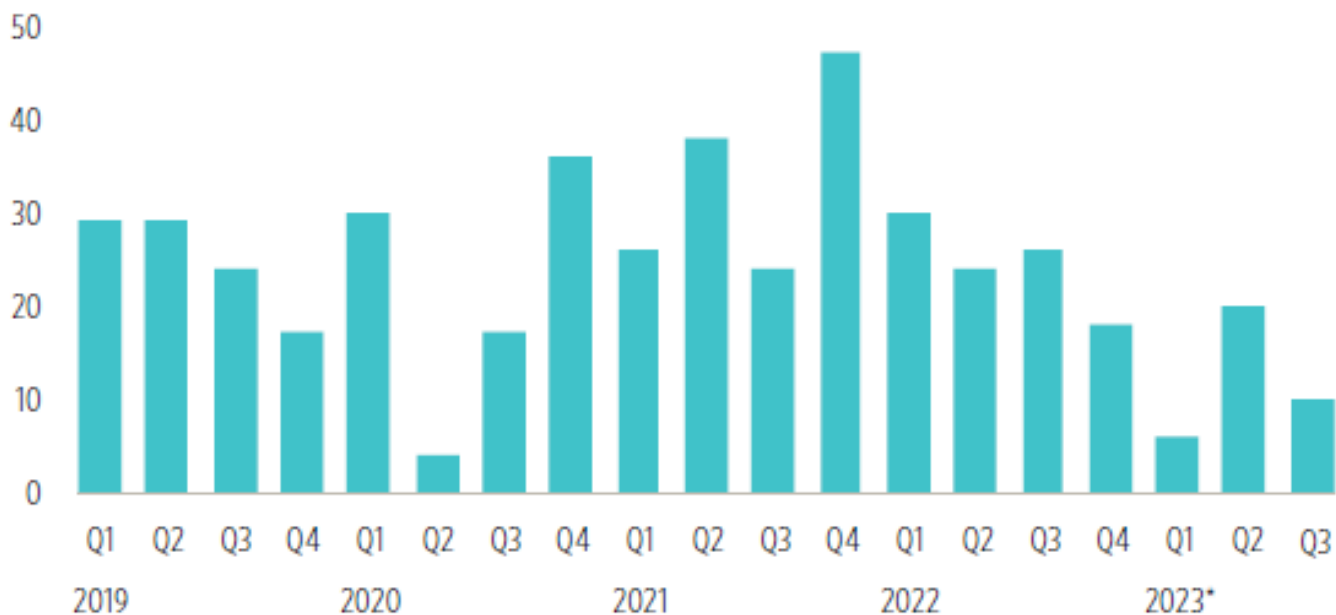
Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 37: Other Healthcare Specialist VC Fundraising Activity



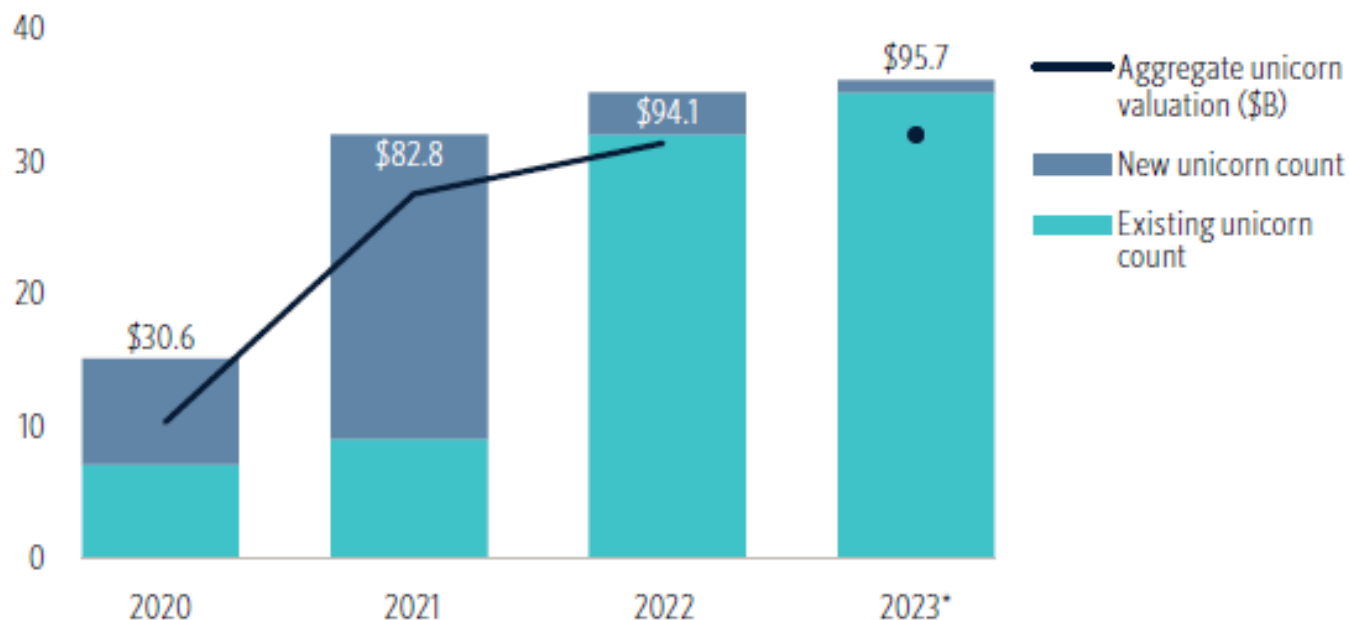
Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 38: Healthcare Services PE Platform Buyout Count by Quarter



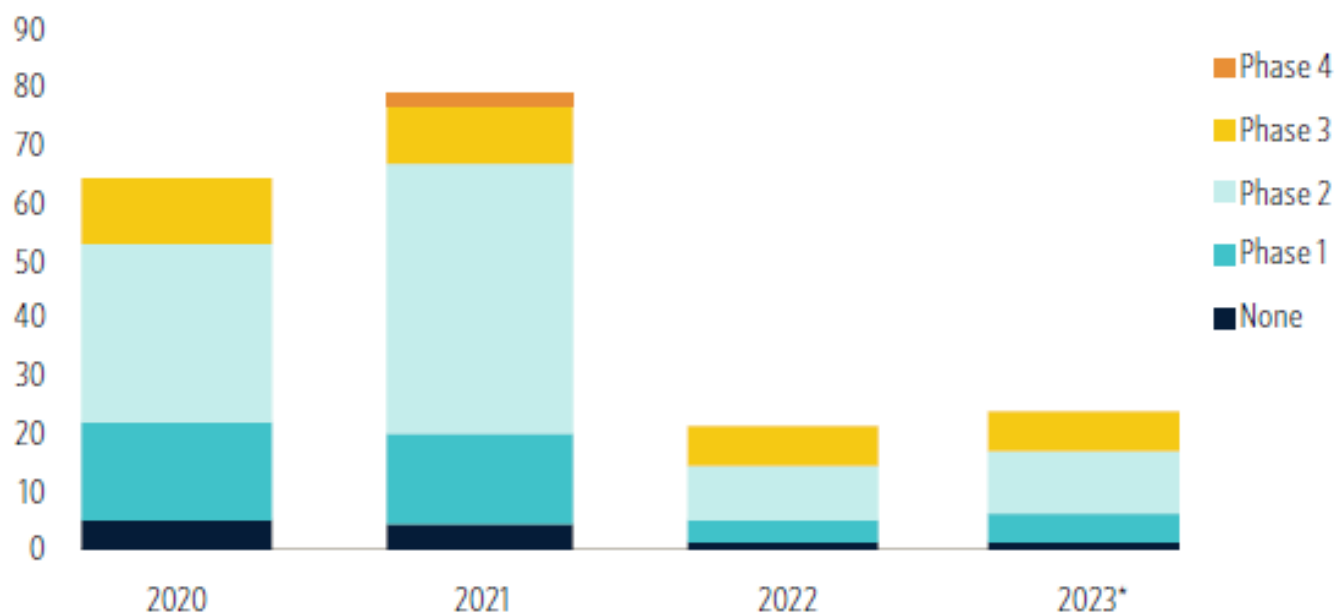
Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 39: Digital Health VC Unicorn Activity



Source: Intro-act, PitchBook, \*As of September 30, 2023.

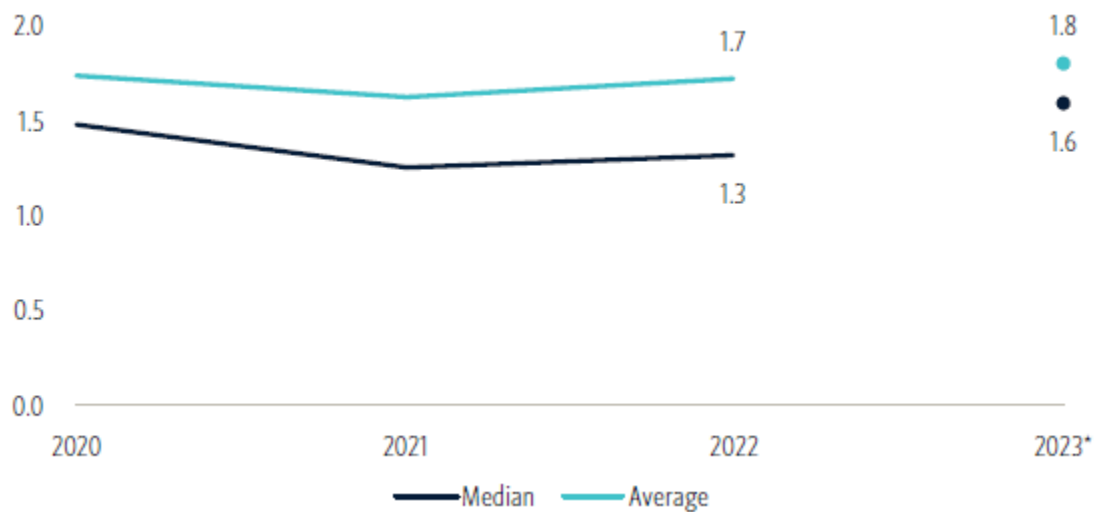
Chart 40: Biopharma VC IPO Count by Highest Clinical Trial Phase Reached



Note: Determined as the Highest Phase of a Trial that Started Prior to the Round Closing. Data Combines Trials Between Phases to the Highest Phase.

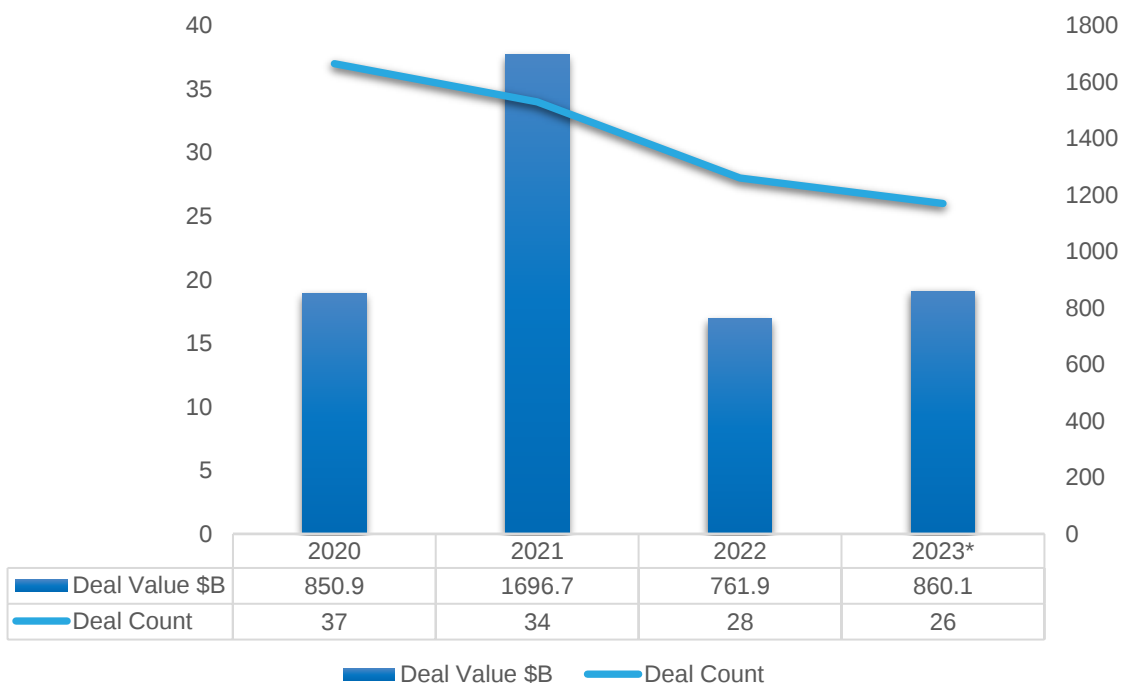
Source: Intro-act, PitchBook, \*As of September 30, 2023

Chart 41: Median and Average Time (Years) Since Last Biopharma VC Round



Source: Intro-act, PitchBook, \*As of September 30, 2023.

Chart 42: Surgical Robotics VC Deal Activity



Source: Intro-act, FT Partners, PitchBook, \*As of September 30, 2023.

**Chart 43: Select AI Biotech VC Investors\***

| Investor                | Last Closed Fund                            | Last Closed Fund Size (\$M) | Last Closed Fund Date |
|-------------------------|---------------------------------------------|-----------------------------|-----------------------|
| ARCH Venture Partners   | ARCH Venture XII                            | 2,975.0                     | June 29, 2022         |
| Lux Capital             | Lux Ventures VIII                           | 1,150.0                     | April 13, 2023        |
| Qiming Venture Partners | Qiming Venture RMB VII                      | 939.6                       | May 18, 2023          |
| Felicis                 | Felicis Ventures IX                         | 825.0                       | March 2, 2023         |
| DCVC                    | DCVC V                                      | 725.0                       | September 18, 2019    |
| General Catalyst        | Health Assurance II                         | 670.0                       | July 20, 2022         |
| Innovation Endeavors    | Innovation Endeavors V                      | 600.0                       | October 13, 2023      |
| Khosla Ventures         | Khosla Ventures Opportunity I               | 557.4                       | December 22, 2021     |
| S32                     | Section 32 5                                | 525.0                       | October 5, 2023       |
| F-Prime Capital         | F-Prime Capital Partners Life Sciences VIII | 500.0                       | February 8, 2023      |

Source: Intro-act, Pitchbook, \*As of December 12, 2023.

## HEALTHTECH SPAC ACTION

Chart 44: Healthtech SPACs (Searching)

| S. No | SPAC Name                          | Ticker | Trust Value (\$ Mn) | IPO Date | Completion Date |
|-------|------------------------------------|--------|---------------------|----------|-----------------|
| 1     | Aimei Health Technology Co., Ltd.  | AFJK   | 69                  | 12/01/23 | 06/01/25        |
| 2     | Cactus Acquisition Corp. 1 Ltd     | CCTS   | 126                 | 10/28/21 | 11/02/24        |
| 3     | Future Health ESG Corp.            | FHLT   | 200                 | 09/09/21 | 12/31/23        |
| 4     | Healthcare AI Acquisition Corp.    | HAIA   | 216                 | 12/09/21 | 12/14/24        |
| 5     | Helix Acquisition Corp. II         | HLXB   | 184                 | 09/02/24 | 09/02/26        |
| 6     | HH&L Acquisition Co.               | HHLA   | 414                 | 02/04/21 | 02/09/24        |
| 7     | PepperLime Health Acquisition Corp | PEPL   | 170                 | 10/14/21 | 04/19/24        |

Source: Intro-act, Boardroom Alpha

Chart 45: Healthtech SPACs (Business Combination Agreement Announced)

| S. No | SPAC Name                                | Ticker | Target Company                         | EV (\$ Mn) | Expected Closing |
|-------|------------------------------------------|--------|----------------------------------------|------------|------------------|
| 1     | ARYA Sciences Acquisition Corp IV        | ARYD   | Adagio Medical, Inc.                   | 113        | 1Q25             |
| 2     | Achari Ventures Holdings Corp. I         | AVHI   | Vaso Corp                              | 176        | 1Q24             |
| 3     | Bellevue Life Sciences Acquisition Corp. | BLAC   | OSR Holdings Co., Ltd.                 | -          | 1Q24             |
| 4     | BlueRiver Acquisition Corp               | BLUA   | Spinal Stabilization Technologies, LLC | 300        | 1Q24             |
| 5     | Digital Health Acquisition Corp.         | DHAC   | VSee Health                            | 110        | 3Q24             |
| 6     | Swiftmerge Acquisition Corp.             | IVCP   | HDL Therapeutics, Inc.                 | 130        | 4Q23             |
| 7     | Pono Capital Two, Inc.                   | PTWO   | SBC Medical Group                      | 1,200      | 3Q24             |
| 8     | Viveon Health Acquisition Corp.          | VHAQ   | Clearday Inc                           | 370        | 1Q24             |

Source: Intro-act, Boardroom Alpha

Chart 46: Healthtech SPACs (Closed Deals Since January 2022)

| S. No | SPAC Name                                  | Ticker (Old) | DE-SPAC                           | Ticker | Closing Date |
|-------|--------------------------------------------|--------------|-----------------------------------|--------|--------------|
| 1     | Petra Acquisition Inc                      | PAIC         | Revelation Biosciences, Inc       | REVB   | 11-Jan-22    |
| 2     | Capstar Special Purpose Acquisition Corp.  | CPSR         | Gelesis Inc                       | GLS    | 13-Jan-22    |
| 3     | Healthcare Capital Corp.                   | HCCC         | Alpha Tau Medical Ltd             | DRTS   | 7-Mar-22     |
| 4     | HELIX ACQUISITION CORP                     | HLXA         | MoonLake Immunotherapeutics AG    | MLTX   | 5-Apr-22     |
| 5     | Artisan Acquisition Corp.                  | ARTA         | Prenetics Global Ltd              | PRE    | 18-May-22    |
| 6     | OTR Acquisition Corp                       | OTRA         | Comera Life Sciences Holdings Inc | CMRA   | 19-May-22    |
| 7     | Lionheart Acquisition Corporation II       | LCAP         | MSP Recovery                      | MSPR   | 23-May-22    |
| 8     | Haymaker Acquisition Corp. III             | HYAC         | Biote                             | BTMD   | 26-May-22    |
| 9     | Dynamics Special Purpose Corp.             | DYNS         | Senti Biosciences, Inc.           | SNTI   | 8-Jun-22     |
| 10    | Oaktree Acquisition Corp II                | OACB         | Alvotech                          | ALVO   | 7-Jun-23     |
| 11    | Social Capital Suvretta Holdings Corp. III | DNAC         | ProKidney                         | PROK   | 12-Jul-22    |
| 12    | Social Capital Suvretta Holdings Corp. I   | DNAA         | Akili Interactive Labs, Inc.      | AKLI   | 19-Aug-22    |
| 13    | Mana Capital Acquisition Corp.             | MAAQ         | Cardio Diagnostics Inc.           | CDIO   | 25-Oct-22    |
| 14    | LMF Acquisition Opportunities, Inc.        | LMAO         | SeaStar Medical, Inc.             | ICU    | 28-Oct-22    |

|    |                                              |      |                                  |      |           |
|----|----------------------------------------------|------|----------------------------------|------|-----------|
| 15 | Bull Horn Holdings Corp                      | BHSE | Coeptis Therapeutics Inc.        | COEP | 31-Oct-22 |
| 16 | Avista Public Acquisition Corp. II           | AHPA | OmniAb, Inc.                     | OABI | 1-Nov-22  |
| 17 | Vickers Vantage Corp. I                      | VCKA | Scilex Holding Company           | SCLX | 10-Nov-22 |
| 18 | 8i Acquisition 2 Corp.                       | LAX  | EUDA Health                      | EUDA | 17-Nov-22 |
| 19 | Frazier Lifesciences Acquisition Corporation | FLAC | NewAmsterdam Pharma Holding B.V. | NAMS | 22-Nov-22 |
| 20 | Lakeshore Acquisition I Corp.                | LAAA | ProSomnus                        | OSA  | 6-Dec-22  |
| 21 | Larkspur Health Acquisition Corp.            | LSPR | Zyversa Therapeutics, Inc.       | ZVSA | 12-Dec-22 |
| 22 | Health Sciences Acquisitions Corporation 2   | HSAQ | Orchestra BioMed, Inc.           | OBIO | 26-Jan-23 |
| 23 | Aesther Healthcare Acquisition Corp.         | AEHA | Ocean Biomedical Holdings, Inc.  | AEHA | 15-Feb-23 |
| 24 | Mountain Crest Acquisition Corp. III         | MCAE | ETAO International Group         | ETAO | 17-Feb-23 |
| 25 | European Biotech Acquisition Corp.           | EBAC | Oculis Holding Ag                | OCS  | 2-Mar-23  |
| 26 | Maxpro Capital Acquisition Corp.             | JMAC | Apollomics Inc.                  | APLM | 29-Mar-23 |
| 27 | Priveterra Acquisition Corp.                 | PMGM | AEON Biopharma, Inc.             | AEON | 24-Jul-23 |
| 28 | Compute Health Acquisition Corp.             | CPUH | Allurion Technologies, Inc.      | ALUR | 1-Aug-23  |
| 29 | MedTech Acquisition Corporation              | MTAC | TriSalus Life Sciences, Inc.     | TLSI | 10-Aug-23 |
| 30 | First Light Acquisition Group, Inc.          | FLAG | Calidi Biotherapeutics           | CLDI | 12-Sep-23 |

|    |                                            |       |                                 |      |           |
|----|--------------------------------------------|-------|---------------------------------|------|-----------|
| 31 | Rosecliff Acquisition Corp I               | RCLF  | Spectral MD, Inc.               | MDAI | 12-Sep-23 |
| 32 | Digital Transformation Opportunities Corp. | DTOC  | The American Oncology Network   | AONC | 20-Sep-23 |
| 33 | Murphy Canyon Acquisition Corp.            | MURF  | Conduit Pharmaceuticals Limited | CDT  | 21-Sep-23 |
| 34 | Anzu Special Acquisition Corp I            | ANZU  | Envoy Medical Corp              | COCH | 29-Sep-23 |
| 35 | Graf Acquisition Corp. IV                  | GFOR  | NKGen Biotech, Inc.             | NKGN | 29-Sep-23 |
| 36 | Data Knights Acquisition Corp.             | DKDCA | OneMedNet Corp                  | ONMD | 7-Nov-23  |
| 37 | Aurora Technology Acquisition Corp.        | ATAK  | DIH                             | DHAI | 7-Feb-24  |
| 38 | Phoenix Biotech Acquisition Corp.          | PBAX  | CERo Therapeutics, Inc.         | CERO | 14-Feb-24 |
| 39 | Semper Paratus Acquisition Corp            | LGST  | Tevogen Bio                     | TVGN | 14-Feb-24 |

Source: Intro-act, Boardroom Alpha

## HEALTHTECH EVENTS CALENDAR

| S. No. | Event                                                                                | Place                        | Dates                  |
|--------|--------------------------------------------------------------------------------------|------------------------------|------------------------|
| 1      | 9th International Conference on Neurological Disorders and Stroke                    | Paris, France                | 11-Mar to 12-Mar-2024  |
| 2      | Global Meet on Nursing & Healthcare (GMNH 2024)                                      | Florence, Italy              | 11-Mar to 13-Mar-2024  |
| 3      | HiMSS 24 - The Healthcare Information and Management Systems Society Conference 2024 | Florida, United States       | 11-Mar to 15-Mar-2024  |
| 4      | Health 2.0 Conference                                                                | Nevada, United States        | 18-Mar to 20-Mar-2024  |
| 5      | WIRED Health                                                                         | London, United Kingdom       | 19-Mar-2024            |
| 6      | 21st Orphan Drugs & Rare Diseases Global Congress 2024 Americas                      | California, United States    | 21-Mar to 22-Mar-2024  |
| 7      | International Pharmaceutical Business Expo (iPharma Expo 2024)                       | California, United States    | 21-Mar to 22-Mar-2024  |
| 8      | Synthetic Biology US 2023                                                            | Massachusetts, United States | 21-Mar to 22-Mar-2024  |
| 9      | 7th Gene Therapy for Rare Disorders                                                  | Massachusetts, United States | 25-Mar to 28-Mar-2024  |
| 10     | Cell & Gene Therapy at Pharma USA                                                    | Philadelphia, United States  | 26-Mar to 28-Mar-2024  |
| 11     | 6th International Conference on Digital Health                                       | London, United Kingdom       | 27-Mar to 28-Mar-2024  |
| 12     | 7th International Conference on Medicine and Surgery                                 | Dubai, United Arab Emirates  | 28-Mar to 29-Mar-2024  |
| 13     | Community Oncology Conference                                                        | Orlando, United States       | 04- Apr to 05-Apr-2024 |
| 14     | American Organization for Nursing Leadership Inspiring Leaders Conference            | New Orleans, United States   | 08- Apr to 11-Apr-2024 |
| 15     | Business Group on Health 2024 Annual Conference                                      | Tucson, United States        | 09- Apr to 12-Apr-2024 |
| 16     | National Association of ACOs Spring Conference                                       | Baltimore, United States     | 10- Apr to 12-Apr-2024 |
| 17     | American Hospital Association Annual Meeting                                         | Washington, D.C.             | 14- Apr to 16-Apr-2024 |
| 18     | 24th Annual Employee Health Care Conference                                          | New York                     | 16- Apr to 17-Apr-2024 |
| 19     | National Association of Healthcare Access Management Annual Conference               | Dallas, United States        | 23- Apr to 26-Apr-2024 |
| 20     | MGMA Focus   Financial Conference                                                    | San Diego                    | 25- Apr to 27-Apr-2024 |
| 21     | American Telemedicine Association ATA Nexus 2024                                     | Phoenix, United States       | 05-May to 07-May-2024  |
| 22     | Milken Institute Global Conference                                                   | California, United States    | 05-May to 08-May-2024  |
| 23     | thINc360 – The Healthcare Innovation Congress                                        | Washington, D.C.             | 29-May to 31-May-2024  |
| 24     | American Society of Clinical Oncology Annual Meeting                                 | Chicago, United States       | 31-May to 04-Jun-2024  |

Source: Intro-act, Multiple Web Sources

## HEALTHTECH COMP TABLE

|          |                           |         | Price Performance |                  |                  |           |          |       | Sales  |        |          | EBITDA  |         |           | Book Value |        |
|----------|---------------------------|---------|-------------------|------------------|------------------|-----------|----------|-------|--------|--------|----------|---------|---------|-----------|------------|--------|
|          |                           |         | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0    | FY1    | EV/Sales | FY0     | FY1     | EV/EBITDA | Book/Share | P/Book |
| Peer Set |                           |         |                   |                  |                  |           |          |       |        |        |          |         |         |           |            |        |
| Genomics | Ticker                    |         |                   | 150,687          | 140,605          |           |          | 3%    | 18,752 | 19,276 | 7.3 x    | (6,085) | (5,946) | -23.6 x   |            | 3.8 x  |
| 1        | Illumina, Inc.            | ILMN-US | 140.5             | 22,325           | 23,679           | 70%       | -37%     | 1%    | 4,504  | 4,504  | 5.3 x    | 496     | 507     | 46.7 x    | 36.13      | 3.9 x  |
| 2        | BioMarin Pharmaceutical   | BMRN-US | 87.1              | 16,441           | 16,395           | 15%       | -13%     | -10%  | 2,419  | 2,757  | 5.9 x    | 271     | 519     | 31.6 x    | 26.25      | 3.3 x  |
| 3        | Bio-Techne Corporation    | TECH-US | 74.4              | 11,692           | 12,089           | 21%       | -30%     | -4%   | 1,137  | 1,148  | 10.5 x   | 442     | 403     | 30.0 x    | 12.50      | 6.0 x  |
| 4        | Legend Biotech            | LEGN    | 65.5              | 11,913           | 10,809           | 18%       | -35%     | 9%    | 117    | 297    | 36.4 x   | (470)   | (420)   | -         | 7.37       | 8.9 x  |
| 5        | Natera, Inc.              | NTRA-US | 89.4              | 10,797           | 10,198           | 2%        | -59%     | 43%   | 1,083  | 1,340  | 7.6 x    | (421)   | (260)   | -         | 6.40       | 14.0 x |
| 6        | Ionis Pharmaceuticals     | IONS-US | 45.5              | 6,626            | 6,301            | 20%       | -28%     | -10%  | 788    | 630    | 10.0 x   | (338)   | (522)   | -         | 2.68       | 17.0 x |
| 7        | CRISPR Therapeutics       | CRSP-US | 83.8              | 7,051            | 5,205            | 9%        | -55%     | 34%   | 371    | 86     | 60.3 x   | (174)   | (495)   | -         | 23.52      | 3.6 x  |
| 8        | Blueprint Medicines       | BPMC-US | 95.1              | 5,824            | 5,878            | 6%        | -57%     | 3%    | 249    | 389    | 15.1 x   | (449)   | (322)   | -         | 2.14       | 44.5 x |
| 9        | 10x Genomics              | TXG     | 45.6              | 4,789            | 5,167            | 40%       | -26%     | -19%  | 619    | 678    | 7.6 x    | (223)   | (155)   | -         | 6.22       | 7.3 x  |
| 10       | Ultragenyx Pharmaceutical | RARE    | 53.7              | 4,421            | 4,928            | 2%        | -41%     | 12%   | 434    | 512    | 9.6 x    | (568)   | (462)   | -         | 3.35       | 16.0 x |
| 11       | Arrowhead Pharmaceuticals | ARWR-US | 36.1              | 4,470            | 3,874            | 18%       | -43%     | 18%   | 241    | 126    | 30.8 x   | (173)   | (327)   | -         | 1.49       | 24.2 x |

## Monthly Newsletter – The Healthtech Industry

|    |                        |           |       |       |       |      |      |      |     |     |         |       |       |        |       |        |
|----|------------------------|-----------|-------|-------|-------|------|------|------|-----|-----|---------|-------|-------|--------|-------|--------|
| 12 | Genscript              | 1548-HK   | 2.0   | 4,204 | 3,086 | 61%  | -19% | -21% | 626 | 860 | 3.6 x   | (315) | (234) | -      | 0.65  | 3.1 x  |
| 13 | Krystal Biotech        | KRYS-US   | 167.8 | 4,748 | 4,185 | 13%  | -58% | 35%  | 51  | 251 | 16.7 x  | (108) | 50    | 83.5 x | 27.58 | 6.1 x  |
| 14 | Xiamen Amoytop         | 688278-CN | 8.2   | 3,327 | 3,240 | 11%  | -48% | 11%  | 222 | 293 | 11.1 x  | 65    | 85    | 38.2 x | 0.58  | 14.2 x |
| 15 | Rocket Pharmaceuticals | RCKT-US   | 30.5  | 2,763 | 2,344 | 7%   | -51% | 2%   | 0   | 23  | 101.4 x | (243) | (277) | -      | 5.46  | 5.6 x  |
| 16 | Intellia Therapeutics  | NTLA-US   | 32.7  | 3,139 | 2,301 | 45%  | -31% | 7%   | 36  | 52  | 44.2 x  | (481) | (510) | -      | 11.29 | 2.9 x  |
| 17 | Beam Therapeutics      | BEAM-US   | 39.8  | 3,253 | 2,411 | 24%  | -57% | 46%  | 378 | 65  | 37.3 x  | (163) | (445) | -      | 12.02 | 3.3 x  |
| 18 | Ginkgo Bioworks        | DNA-US    | 1.3   | 2,130 | 1,778 | 97%  | -13% | -24% | 251 | 241 | 7.4 x   | (530) | (439) | -      | 0.58  | 2.2 x  |
| 19 | NeoGenomics, Inc.      | NEO-US    | 16.0  | 2,038 | 2,238 | 33%  | -31% | -1%  | 592 | 655 | 3.4 x   | 3     | 23    | 97.7 x | 7.39  | 2.2 x  |
| 20 | Pacific Biosciences    | PACB-US   | 5.2   | 1,391 | 1,557 | 180% | -23% | -47% | 201 | 240 | 6.5 x   | (305) | (266) | -      | 2.62  | 2.0 x  |
| 21 | Genus                  | GNS-GB    | 22.0  | 1,454 | 1,760 | 71%  | -16% | -20% | 861 | 859 | 2.0 x   | 139   | 131   | 13.4 x | 11.09 | 2.0 x  |
| 22 | Myriad Genetics        | MYGN-US   | 22.2  | 1,993 | 2,109 | 9%   | -38% | 16%  | 753 | 826 | 2.6 x   | (1)   | 33    | 64.7 x | 8.71  | 2.5 x  |
| 23 | Takara Bio             | 4974-JP   | 6.7   | 801   | 551   | 102% | -4%  | -25% | 578 | 326 | 1.7 x   | 184   | 52    | 10.5 x | 6.23  | 1.1 x  |
| 24 | Verve Therapeutics     | VERV-US   | 16.3  | 1,280 | 927   | 31%  | -50% | 17%  | 12  | 16  | 59.4 x  | (220) | (264) | -      | 7.31  | 2.2 x  |
| 25 | Novogene Co.           | 688315-CN | 2.2   | 908   | 751   | 180% | -22% | -34% | 280 | 295 | 2.5 x   | 49    | 49    | 15.3 x | 0.72  | 3.0 x  |
| 26 | Fulgent Genetics       | FLGT-US   | 23.2  | 692   | 243   | 90%  | -3%  | -20% | 289 | 286 | 0.8 x   | 1     | (26)  | -      | 38.31 | 0.6 x  |
| 27 | Prime Medicine         | PRME-US   | 8.7   | 1,048 | 703   | 97%  | -37% | 22%  | 0   | 13  | 54.7 x  | (186) | (212) | -      | 1.37  | 6.4 x  |
| 28 | Silence Therapeutics   | SLN       | 25.8  | 926   | 926   | 4%   | -82% | 38%  | 21  | 36  | 25.4 x  | (58)  | (58)  | -      | 0.63  | 40.8 x |

## Monthly Newsletter – The Healthtech Industry

|    |                       |          |      |     |      |      |      |      |     |     |           |       |       |         |       |        |
|----|-----------------------|----------|------|-----|------|------|------|------|-----|-----|-----------|-------|-------|---------|-------|--------|
| 29 | Castle Biosciences    | CSTL-US  | 19.9 | 547 | 331  | 34%  | -54% | -8%  | 220 | 237 | 1.4 x     | (5)   | 3     | 127.2 x | 14.27 | 1.4 x  |
| 30 | Editas Medicine       | EDIT-US  | 10.5 | 861 | 546  | 13%  | -42% | 4%   | 78  | 35  | 15.8 x    | (165) | (229) | -       | 4.27  | 2.5 x  |
| 31 | Allogene Therapeutics | ALLO-US  | 4.9  | 831 | 462  | 39%  | -55% | 54%  | 0   | 0   | 3,429.4 x | (326) | (305) | -       | 3.47  | 1.4 x  |
| 32 | OraSure Technologies  | OSUR-US  | 7.3  | 534 | 324  | 16%  | -40% | -11% | 405 | 191 | 1.7 x     | 87    | (2)   | -       | 5.51  | 1.3 x  |
| 33 | REGENXBIO Inc.        | RGNX-US  | 21.2 | 941 | 722  | 36%  | -44% | 18%  | 90  | 140 | 5.2 x     | (243) | (108) | -       | 7.08  | 3.0 x  |
| 34 | Anavex Life Sciences  | AVXL-US  | 5.3  | 434 | 282  | 98%  | -9%  | -43% | 0   | 9   | 30.1 x    | -     | -     | -       | 1.65  | 3.2 x  |
| 35 | Voyager Therapeutics  | VYGR     | 9.4  | 513 | 184  | 52%  | -36% | 12%  | 250 | 36  | 5.1 x     | 125   | (100) | -       | 5.37  | 1.8 x  |
| 36 | SOPHiA GENETICS       | SOPH-US  | 4.8  | 315 | 201  | 52%  | -56% | 3%   | 62  | 80  | 2.5 x     | (62)  | (57)  | -       | 2.32  | 2.1 x  |
| 37 | uniQure N.V.          | QURE-US  | 5.6  | 267 | 130  | 302% | -11% | -17% | 16  | 56  | 2.3 x     | (272) | (192) | -       | 4.34  | 1.3 x  |
| 38 | Stoke Therapeutics    | STOK-US  | 7.6  | 341 | 127  | 83%  | -56% | 45%  | 12  | 10  | 13.3 x    | (95)  | (104) | -       | 3.91  | 2.0 x  |
| 39 | bluebird bio          | BLUE-US  | 1.6  | 302 | 288  | 253% | -44% | 13%  | 4   | 40  | 7.2 x     | (300) | (266) | -       | 2.08  | 0.8 x  |
| 40 | Biosesix, Inc.        | BDSX-US  | 1.6  | 143 | 183  | 40%  | -35% | -20% | 49  | 65  | 2.8 x     | -     | -     | -       | 0.05  | 33.2 x |
| 41 | ProQR Therapeutics    | PRQR-US  | 2.0  | 160 | 56   | 94%  | -44% | 0%   | 5   | 19  | 3.0 x     | (73)  | (37)  | -       | 0.60  | 3.3 x  |
| 42 | Devysr Diagnostics    | DVYSR-SE | 8.8  | 142 | 125  | 7%   | -40% | 12%  | 16  | 23  | 5.4 x     | (5)   | 1     | 124.2 x | 2.29  | 3.9 x  |
| 43 | Generation Bio        | GBIO-US  | 2.6  | 173 | (39) | 166% | -67% | 59%  | 6   | 4   | -9.1 x    | (127) | (92)  | -       | 3.52  | 0.7 x  |
| 44 | Jasper Therapeutics   | JSPR     | 22.1 | 332 | 146  | 23%  | -82% | 180% | 0   | 0   | -         | -     | -     | -       | 7.03  | 3.1 x  |
| 45 | Kinnate Biopharma     | KNTE-US  | 2.6  | 122 | (42) | 177% | -60% | 9%   | 0   | 0   | -         | (118) | (118) | -       | 3.66  | 0.7 x  |

## Monthly Newsletter – The Healthtech Industry

|    |                         |         |      |     |      |        |      |      |     |     |         |       |       |   |        |        |
|----|-------------------------|---------|------|-----|------|--------|------|------|-----|-----|---------|-------|-------|---|--------|--------|
| 46 | Adverum Biotechnologies | ADVM-US | 2.0  | 408 | 157  | 51%    | -65% | 162% | 0   | 4   | 43.7 x  | (157) | (132) | - | 1.02   | 1.9 x  |
| 47 | GeneDx Holdings         | WGS     | 8.5  | 222 | 181  | 101%   | -86% | 210% | 194 | 226 | 0.8 x   | (109) | (53)  | - | 8.78   | 1.0 x  |
| 48 | Bionano Genomics        | BNGO-US | 1.3  | 49  | 4    | 1056%  | -17% | -34% | 36  | 40  | 0.1 x   | (202) | (69)  | - | 2.10   | 0.6 x  |
| 49 | Precision BioSciences   | DTIL    | 12.7 | 52  | (49) | 181%   | -35% | 16%  | 25  | 53  | -0.9 x  | (93)  | (46)  | - | 7.54   | 1.7 x  |
| 50 | Singular Genomics       | OMIC    | 0.6  | 44  | (69) | 256%   | -49% | 31%  | 1   | 3   | -26.0 x | (89)  | (96)  | - | 2.71   | 0.2 x  |
| 51 | Freeline Therapeutics   | FRLN    | 6.5  | 28  | 3    | 34%    | -67% | 2%   | 0   | -   | -       | (95)  | -     | - | 6.89   | 0.9 x  |
| 52 | SENTI BIOSCIENCES, INC. | SNTI    | 0.4  | 19  | 17   | 241%   | -37% | -35% | 4   | -   | -       | (69)  | -     | - | 1.86   | 0.2 x  |
| 53 | NanoString Technologies | NSTG    | 0.1  | 4   | 155  | 12144% | -56% | -88% | 127 | 176 | 0.9 x   | (109) | -     | - | (1.05) | -0.1 x |
| 54 | Metagenomi              | MGX     | 12.0 | 450 | 556  | 6%     | -19% | -    | 43  | 27  | 21.0 x  | (80)  | (103) | - | (3.17) | -3.8 x |
| 55 | Genprex                 | GNPX    | 4.5  | 7   | (5)  | 927%   | -13% | -51% | -   | -   | -       | -     | -     | - | 8.28   | 0.5 x  |

## Monthly Newsletter – The Healthtech Industry

|            |                     |           | Price Performance |                  |                  |           |          |       | Sales  |        |          | EBITDA |       |           | Book Value |        |
|------------|---------------------|-----------|-------------------|------------------|------------------|-----------|----------|-------|--------|--------|----------|--------|-------|-----------|------------|--------|
|            |                     |           | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0    | FY1    | EV/Sales | FY0    | FY1   | EV/EBITDA | Book/Share | P/Book |
| Peer Set   |                     |           |                   |                  |                  |           |          |       |        |        |          |        |       |           |            |        |
| HealthTech | Ticker              |           | 107,463           | 94,740           |                  |           |          | 4%    | 53,021 | 43,925 | 2.2 x    | 16,041 | 4,496 | 21.1 x    |            | 2.5 x  |
| 56         | Veeva Systems       | VEEV-US   | 222.0             | 35,747           | 31,851           | 4%        | -28%     | 15%   | 2,364  | 2,737  | 11.6 x   | 829    | 1,056 | 30.2 x    | 27.21      | 8.2 x  |
| 57         | BioNTech            | BNTX      | 90.9              | 22,100           | 7,543            | 51%       | -3%      | -12%  | 18,663 | 4,569  | 1.7 x    | 13,764 | 1,139 | 6.6 x     | 88.48      | 1.0 x  |
| 58         | R1 RCM,             | RCM-US    | 14.0              | 5,884            | 7,533            | 34%       | -37%     | 32%   | 2,254  | 2,669  | 2.8 x    | 614    | 666   | 11.3 x    | 6.55       | 2.1 x  |
| 59         | Engagesmart, Inc.   | ESMT-US   | 23.1              | 3,880            | 3,532            | 0%        | -33%     | 1%    | 304    | 381    | 9.3 x    | 49     | 74    | 48.0 x    | 5.02       | 4.6 x  |
| 60         | Evolent Health      | EVH-US    | 34.4              | 3,972            | 4,540            | 7%        | -32%     | 4%    | 1,964  | 2,456  | 1.8 x    | 195    | 254   | 17.9 x    | 9.38       | 3.7 x  |
| 61         | Sectra AB           | SECT.B-SE | 20.5              | 3,703            | 3,894            | 5%        | -48%     | 15%   | 218    | 282    | 13.8 x   | 51     | 62    | 63.0 x    | 0.67       | 30.4 x |
| 62         | Certara, Inc.       | CERT-US   | 18.3              | 2,925            | 2,956            | 36%       | -35%     | 4%    | 354    | 389    | 7.6 x    | 123    | 125   | 23.7 x    | 6.55       | 2.8 x  |
| 63         | Privia Health       | PRVA-US   | 22.3              | 2,646            | 2,364            | 35%       | -14%     | -3%   | 1,658  | 1,753  | 1.3 x    | 72     | 88    | 27.0 x    | 4.75       | 4.7 x  |
| 64         | Oscar Health        | OSCR-US   | 16.6              | 3,220            | 2,704            | 12%       | -81%     | 81%   | 5,686  | 8,340  | 0.3 x    | (45)   | 165   | 16.4 x    | 3.50       | 4.7 x  |
| 65         | Alphatec Holdings   | ATEC-US   | 13.4              | 1,852            | 2,308            | 43%       | -35%     | -11%  | 482    | 596    | 3.9 x    | (9)    | 22    | 106.4 x   | 0.56       | 23.9 x |
| 66         | Peloton Interactive | PTON      | 4.6               | 1,605            | 3,280            | 212%      | -14%     | -24%  | 2,800  | 2,704  | 1.2 x    | (209)  | (62)  | -         | (1.37)     | -3.4 x |
| 67         | Schrodinger, Inc.   | SDGR-US   | 26.8              | 1,693            | 1,561            | 121%      | -23%     | -25%  | 217    | 214    | 7.3 x    | (172)  | (200) | -         | 7.60       | 3.5 x  |
| 68         | Omnicell, Inc.      | OMCL-US   | 26.4              | 1,210            | 1,350            | 193%      | -3%      | -30%  | 1,147  | 1,069  | 1.3 x    | 138    | 106   | 12.7 x    | 26.11      | 1.0 x  |
| 69         | Phreesia, Inc.      | PHR-US    | 25.0              | 1,390            | 1,300            | 56%       | -52%     | 8%    | 281    | 355    | 3.7 x    | (92)   | (39)  | -         | 4.76       | 5.2 x  |
| 70         | Model N             | MODN-US   | 24.3              | 950              | 940              | 48%       | -14%     | -10%  | 249    | 262    | 3.6 x    | 43     | 49    | 19.2 x    | 3.19       | 7.6 x  |

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|    |                             |           |      |       |       |      |      |      |     |     |         |       |       |        |        |         |
|----|-----------------------------|-----------|------|-------|-------|------|------|------|-----|-----|---------|-------|-------|--------|--------|---------|
| 71 | Definitive Healthcare       | DH-US     | 9.0  | 1,056 | 1,350 | 39%  | -38% | -9%  | 251 | 266 | 5.1 x   | 74    | 86    | 15.7 x | 7.39   | 1.2 x   |
| 72 | NEXUS AG                    | NXU-DE    | 62.8 | 1,086 | 1,096 | 11%  | -25% | -2%  | 263 | 295 | 3.7 x   | 56    | 65    | 16.8 x | 15.57  | 4.0 x   |
| 73 | Autolus Therapeutics        | AUTL      | 6.2  | 1,448 | 879   | 20%  | -74% | 29%  | 6   | 2   | 451.0 x | (169) | (165) | -      | 0.87   | 7.1 x   |
| 74 | Veradigm, Inc.              | MDRX-US   | 6.1  | 670   | 395   | 144% | -18% | -41% | 633 | 667 | 0.6 x   | 143   | 152   | 2.6 x  | 10.77  | 0.6 x   |
| 75 | B-Soft Co.                  | 300451-CN | 0.7  | 1,044 | 922   | 153% | -30% | -27% | 223 | 243 | 3.8 x   | 21    | 47    | 19.6 x | 0.42   | 1.6 x   |
| 76 | Accolade, Inc.              | ACCD-US   | 10.0 | 771   | 778   | 71%  | -36% | -17% | 363 | 413 | 1.9 x   | (37)  | (8)   | -      | 5.65   | 1.8 x   |
| 77 | Craneware Plc               | CRW-GB    | 26.7 | 944   | 930   | 5%   | -51% | 21%  | 174 | 185 | 5.0 x   | 55    | 58    | 16.2 x | 9.22   | 2.9 x   |
| 78 | Equasnes                    | EQS-FR    | 51.0 | 774   | 769   | 85%  | -2%  | -24% | 231 | 240 | 3.2 x   | 74    | 76    | 10.2 x | 14.02  | 3.6 x   |
| 79 | HealthStream, Inc.          | HSTM-US   | 27.1 | 822   | 771   | 7%   | -25% | 0%   | 279 | 294 | 2.6 x   | 61    | 66    | 11.8 x | 11.25  | 2.4 x   |
| 80 | Simulations Plus            | SLP-US    | 41.5 | 829   | 716   | 27%  | -21% | -7%  | 60  | 67  | 10.7 x  | 21    | 22    | 33.1 x | 8.63   | 4.8 x   |
| 81 | Health Catalyst             | HCAT-US   | 8.1  | 472   | 371   | 78%  | -18% | -13% | 296 | 309 | 1.2 x   | 11    | 24    | 15.4 x | 6.29   | 1.3 x   |
| 82 | Sharecare, Inc.             | SHCR-US   | 1.0  | 335   | 267   | 176% | -19% | -12% | 442 | 455 | 0.6 x   | 16    | 24    | 11.1 x | 1.28   | 0.7 x   |
| 83 | OptimizeRx Corporation      | OPRX-US   | 16.0 | 290   | 230   | 11%  | -57% | 11%  | 62  | 70  | 3.3 x   | 5     | 3     | 65.9 x | 6.31   | 2.5 x   |
| 84 | Cegedim SA                  | CGM-FR    | 17.4 | 244   | 542   | 47%  | -4%  | -9%  | 605 | 671 | 0.8 x   | 105   | 122   | 4.5 x  | 22.07  | 0.8 x   |
| 85 | RaySearch Laboratories      | RAY.B-SE  | 10.0 | 266   | 361   | 4%   | -49% | 12%  | 99  | 110 | 3.3 x   | 39    | 47    | 7.8 x  | 2.07   | 4.8 x   |
| 86 | Augmedix, Inc.              | AUGX-US   | 4.6  | 218   | 191   | 37%  | -71% | -10% | 31  | 45  | 4.3 x   | (19)  | (15)  | -      | 0.02   | 257.0 x |
| 87 | Quantum-Si Incorporated     | QSI-US    | 1.9  | 225   | 3     | 111% | -39% | -8%  | 1   | 4   | 0.8 x   | (94)  | (95)  | -      | 1.92   | 1.0 x   |
| 88 | Computer Programs           | CPSI-US   | 9.2  | 134   | 279   | 237% | -18% | -18% | 339 | 344 | 0.8 x   | 48    | 46    | 6.0 x  | 12.83  | 0.7 x   |
| 89 | Allurion Technologies, Inc. | ALUR      | 3.3  | 154   | 135   | 237% | -19% | -13% | -   | 53  | 2.5 x   | -     | (72)  | -      | (1.11) | -2.9 x  |

## Monthly Newsletter – The Healthtech Industry

|     |                              |            |     |       |       |       |      |      |       |       |        |      |      |        |        |        |
|-----|------------------------------|------------|-----|-------|-------|-------|------|------|-------|-------|--------|------|------|--------|--------|--------|
| 90  | Nordhealth AS                | NORDH-NO   | 2.5 | 112   | 174   | 21%   | -28% | 2%   | 40    | 48    | 3.6 x  | 1    | 3    | 51.7 x | 1.09   | 2.3 x  |
| 91  | Mach7 Technologies           | M7T-AU     | 0.5 | 110   | 95    | 45%   | -24% | -16% | 19    | 20    | 4.8 x  | 1    | (1)  | -      | 0.15   | 3.1 x  |
| 92  | MedAdvisor Limited           | MDR-AU     | 0.2 | 104   | 103   | 19%   | -46% | 29%  | 64    | 75    | 1.4 x  | (2)  | 3    | 39.9 x | 0.07   | 2.9 x  |
| 93  | Aiforia Technologies         | AIFORIA-FI | 3.7 | 96    | 80    | 55%   | -10% | -4%  | 3     | 5     | 16.2 x | (10) | (7)  | -      | 0.97   | 3.8 x  |
| 94  | FORIAN INC.                  | FORA-US    | 2.9 | 89    | 69    | 53%   | -35% | -2%  | 28    | 21    | 3.3 x  | (3)  | 1    | 62.6 x | 0.82   | 3.5 x  |
| 95  | Omda AS                      | OMDA-NO    | 2.5 | 53    | 87    | 126%  | -17% | -30% | 39    | 45    | 1.9 x  | 6    | 10   | 8.9 x  | 0.51   | 5.0 x  |
| 96  | ContextVision AB             | CONTX-NO   | 0.7 | 52    | 47    | 37%   | -13% | -11% | 12    | 13    | 3.6 x  | 5    | 5    | 10.3 x | 0.10   | 7.1 x  |
| 97  | DarioHealth Corp.            | DRIO-US    | 2.0 | 54    | 40    | 174%  | -66% | 16%  | 28    | 21    | 1.9 x  | (41) | (32) | -      | 2.50   | 0.8 x  |
| 98  | Owlet Baby                   | OWLT       | 5.7 | 49    | 53    | 32%   | -56% | 8%   | 69    | 54    | 1.0 x  | (68) | (16) | -      | (3.73) | -1.5 x |
| 99  | Alcidion Group               | ALC-AU     | 0.0 | 40    | 32    | 202%  | -14% | -41% | 26    | 25    | 1.3 x  | (1)  | (2)  | -      | 0.04   | 0.7 x  |
| 100 | Spectral AI                  | MDAI       | 2.0 | 33    | 26    | 870%  | -11% | -18% | 18    | 31    | 0.8 x  | -    | -    | -      | 0.09   | 21.7 x |
| 101 | Beachbody Company            | BODY       | 8.1 | 33    | 41    | 447%  | -22% | -2%  | 692   | 521   | 0.1 x  | (23) | (14) | -      | 22.56  | 0.4 x  |
| 102 | EUDA Health                  | EUDA       | 1.4 | 34    | 37    | 151%  | -68% | -5%  | -     | -     | -      | -    | -    | -      | (0.23) | -5.9 x |
| 103 | Science 37                   | SNCE       | 5.7 | 35    | (22)  | 126%  | -35% | 7%   | 70    | 58    | -0.4 x | (63) | (32) | -      | 8.69   | 0.7 x  |
| 104 | Akili Interactive            | AKLI       | 0.4 | 27    | (44)  | 494%  | -45% | -28% | 2     | 8     | -5.7 x | (52) | (38) | -      | 0.88   | 0.4 x  |
| 105 | CloudMD Software             | DOC-CA     | 0.1 | 17    | 25    | 180%  | -26% | -14% | 84    | 69    | 0.4 x  | (8)  | (1)  | -      | 0.24   | 0.2 x  |
| 106 | Medi Assist Health           | 544088-IN  | 6.1 | 423   | 398   | 9%    | -16% | -    | -     | -     | -      | -    | -    | -      | 0.66   | 9.3 x  |
| 107 | Brightspring Health Services | BTSG       | 9.0 | 1,532 | 4,845 | 36%   | -2%  | -    | 8,826 | 9,451 | 0.5 x  | 538  | 561  | 8.6 x  | 4.97   | 1.8 x  |
| 108 | iCoreConnect                 | ICCT       | 1.5 | 13    | 17    | 1323% | -37% | 4%   | -     | -     | -      | -    | -    | -      | 0.76   | 1.9 x  |

|     |                |         |     |   |     |      |      |      |  |   |    |  |        |  |   |  |   |  |   |  |      |       |  |
|-----|----------------|---------|-----|---|-----|------|------|------|--|---|----|--|--------|--|---|--|---|--|---|--|------|-------|--|
| 109 | Xybion Digital | XYBN-CA | 0.3 | 0 | (5) | 408% | -22% | -14% |  | - | 16 |  | -0.3 x |  | - |  | - |  | - |  | 5.56 | 0.1 x |  |
|-----|----------------|---------|-----|---|-----|------|------|------|--|---|----|--|--------|--|---|--|---|--|---|--|------|-------|--|

|                      |                          |         | Price Performance |                  |                  |           |          |       | Sales  |        |          | EBITDA |       |           | Book Value |         |
|----------------------|--------------------------|---------|-------------------|------------------|------------------|-----------|----------|-------|--------|--------|----------|--------|-------|-----------|------------|---------|
|                      |                          |         | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0    | FY1    | EV/Sales | FY0    | FY1   | EV/EBITDA | Book/Share | P/Book  |
| Peer Set             |                          |         |                   |                  |                  |           |          |       |        |        |          |        |       |           |            |         |
| Home Health Services |                          |         | Ticker            | 79,715           | 112,674          |           |          | 11%   | 62,150 | 63,526 | 1.8 x    | 7,632  | 8,478 | 13.3 x    |            | 5.4 x   |
| 110                  | Clorox Company           | CLX     | 152.1             | 18,874           | 21,723           | 17%       | -25%     | 7%    | 7,389  | 7,265  | 3.0 x    | 1,168  | 1,243 | 17.5 x    | 0.43       | 356.0 x |
| 111                  | DaVita Inc.              | DVA-US  | 126.9             | 11,131           | 23,471           | 7%        | -44%     | 21%   | 12,140 | 12,606 | 1.9 x    | 2,407  | 2,577 | 9.1 x     | 11.89      | 10.7 x  |
| 112                  | Chemed Corp.             | CHE     | 613.8             | 9,279            | 9,208            | 6%        | -20%     | 5%    | 2,264  | 2,423  | 3.8 x    | 452    | 515   | 17.9 x    | 73.69      | 8.3 x   |
| 113                  | AptarGroup, Inc.         | ATR     | 140.3             | 9,261            | 10,318           | 2%        | -22%     | 13%   | 3,487  | 3,635  | 2.8 x    | 703    | 770   | 13.4 x    | 35.00      | 4.0 x   |
| 114                  | Encompass Health         | EHC-US  | 74.2              | 7,430            | 10,815           | 4%        | -31%     | 11%   | 4,801  | 5,250  | 2.1 x    | 971    | 1,043 | 10.4 x    | 16.43      | 4.5 x   |
| 115                  | Bright Horizons          | BFAM    | 116.1             | 6,728            | 8,517            | 1%        | -38%     | 23%   | 2,418  | 2,663  | 3.2 x    | 352    | 394   | 21.6 x    | 20.97      | 5.5 x   |
| 116                  | Option Care              | OPCH    | 32.1              | 5,573            | 6,388            | 11%       | -25%     | -5%   | 4,302  | 4,707  | 1.4 x    | 425    | 440   | 14.5 x    | 8.14       | 3.9 x   |
| 117                  | Amedisys, Inc.           | AMED-US | 93.3              | 3,049            | 3,499            | 3%        | -26%     | -2%   | 2,236  | 2,322  | 1.5 x    | 247    | 251   | 13.9 x    | 31.87      | 2.9 x   |
| 118                  | BrightSpring Health      | BTSG    | 9.0               | 1,532            | 4,845            | 36%       | -2%      | -     | 8,826  | 9,451  | 0.5 x    | 538    | 561   | 8.6 x     | 4.97       | 1.8 x   |
| 119                  | Addus HomeCare           | ADUS-US | 93.9              | 1,523            | 1,660            | 22%       | -18%     | 1%    | 1,057  | 1,144  | 1.5 x    | 120    | 130   | 12.8 x    | 43.55      | 2.2 x   |
| 120                  | AdaptHealth Corp.        | AHCO    | 10.5              | 1,398            | 3,649            | 51%       | -39%     | 44%   | 3,200  | 3,317  | 1.1 x    | 671    | 682   | 5.4 x     | 11.00      | 1.0 x   |
| 121                  | Adaptive Biotechnologies | ADPT-US | 4.0               | 585              | 445              | 125%      | -35%     | -18%  | 170    | 176    | 2.5 x    | (120)  | (102) | -         | 2.13       | 1.9 x   |
| 122                  | Enhabit Inc              | EHAB    | 8.8               | 442              | 1,056            | 68%       | -19%     | -15%  | 1,046  | 1,080  | 1.0 x    | 98     | 99    | 10.7 x    | 13.51      | 0.7 x   |
| 123                  | Aveanna Healthcare       | AVAH    | 2.4               | 456              | 1,751            | 26%       | -64%     | -11%  | 1,788  | 1,881  | 0.9 x    | 129    | 136   | 12.9 x    | (0.55)     | -4.3 x  |

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|     |                         |         |     |     |       |       |      |      |       |       |           |       |       |        |         |        |
|-----|-------------------------|---------|-----|-----|-------|-------|------|------|-------|-------|-----------|-------|-------|--------|---------|--------|
| 124 | Clover Health           | CLOV    | 0.9 | 346 | 121   | 88%   | -18% | -9%  | 3,477 | 1,997 | 0.1 x     | (299) | (66)  | -      | 0.67    | 1.3 x  |
| 125 | Ambulnz, Inc.           | DCGO    | 4.1 | 430 | 402   | 162%  | -33% | -26% | 624   | 745   | 0.5 x     | 54    | 82    | 4.9 x  | 2.89    | 1.4 x  |
| 126 | Humacyte, Inc.          | HUMA    | 3.2 | 379 | 255   | 73%   | -40% | 14%  | 2     | 0     | 5,091.5 x | -     | -     | -      | 0.36    | 9.1 x  |
| 127 | Orchestra BioMed, Inc.  | OBIO    | 6.9 | 245 | 148   | 241%  | -38% | -25% | 4     | 5     | 29.7 x    | (52)  | (49)  | -      | 2.23    | 3.1 x  |
| 128 | Scilex Holding Company  | SCLX    | 1.3 | 211 | 249   | 1166% | -33% | -35% | 45    | 94    | 2.7 x     | -     | -     | -      | (1.73)  | -0.8 x |
| 129 | ALPHA TAU MEDICAL LTD   | DRTS    | 3.0 | 208 | 124   | 60%   | -10% | 0%   | 0     | 0     | -         | (31)  | (35)  | -      | 1.29    | 2.3 x  |
| 130 | InfuSystems Holdings    | INFU    | 9.3 | 197 | 233   | 23%   | -28% | -12% | 110   | 124   | 1.9 x     | 21    | 21    | 11.1 x | 2.43    | 3.8 x  |
| 131 | The Oncology Institute  | TOI     | 1.7 | 126 | 156   | 55%   | -81% | -16% | 252   | 321   | 0.5 x     | (24)  | (26)  | -      | 0.97    | 1.8 x  |
| 132 | P3 Health Partners      | PIII    | 1.1 | 121 | 497   | 430%  | -33% | -26% | 1,050 | 1,223 | 0.4 x     | (128) | (46)  | -      | 1.65    | 0.6 x  |
| 133 | CareRx Corporation      | CRRX-CA | 1.2 | 68  | 140   | 57%   | -32% | -3%  | 277   | 276   | 0.5 x     | 23    | 21    | 6.7 x  | 1.01    | 1.2 x  |
| 134 | Cardio Diagnostics Inc. | CDIO    | 1.8 | 36  | 21    | 269%  | -90% | -29% | 0     | 1     | 31.6 x    | -     | -     | -      | 0.17    | 10.1 x |
| 135 | Cue Health              | HLTH-US | 0.3 | 41  | (22)  | 794%  | -39% | 63%  | 483   | 70    | -0.3 x    | (129) | (210) | -      | 2.52    | 0.1 x  |
| 136 | ATI Physical Therapy    | ATIP    | 6.9 | 29  | 992   | 194%  | -16% | 12%  | 699   | 751   | 1.3 x     | 36    | 46    | 21.6 x | (25.05) | -0.3 x |
| 137 | MSP Recovery            | MSPR    | 1.0 | 15  | 2,010 | 2618% | -30% | -55% | -     | -     | -         | -     | -     | -      | 20.67   | 0.0 x  |

|                       |                          |           | Price Performance |                  |                  |           |          |       | Sales  |        |          | EBITDA |        |           | Book Value |        |
|-----------------------|--------------------------|-----------|-------------------|------------------|------------------|-----------|----------|-------|--------|--------|----------|--------|--------|-----------|------------|--------|
|                       |                          |           | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0    | FY1    | EV/Sales | FY0    | FY1    | EV/EBITDA | Book/Share | P/Book |
| Peer Set              |                          |           |                   |                  |                  |           |          |       |        |        |          |        |        |           |            |        |
| Personalized Medicine |                          |           | Ticker            | 393,818          | 442,110          |           |          | 12%   | 68,849 | 68,889 | 6.4 x    | 26,533 | 27,500 | 16.1 x    |            | 4.0 x  |
| 138                   | AbbVie Inc.              | ABBV-US   | 178.9             | 316,040          | 363,435          | 2%        | -27%     | 15%   | 54,318 | 54,416 | 6.7 x    | 25,566 | 25,994 | 14.0 x    | 5.87       | 30.5 x |
| 139                   | Biogen Inc.              | BIIB-US   | 221.0             | 32,117           | 37,439           | 45%       | -3%      | -15%  | 9,836  | 9,484  | 3.9 x    | 2,741  | 3,321  | 11.3 x    | 102.14     | 2.2 x  |
| 140                   | Exact Sciences           | EXAS-US   | 59.4              | 10,790           | 12,620           | 70%       | -6%      | -20%  | 2,500  | 2,833  | 4.5 x    | 219    | 331    | 38.1 x    | 17.34      | 3.4 x  |
| 141                   | MGI Tech                 | 688114-CN | 9.6               | 3,982            | 3,333            | 59%       | -13%     | 838%  | 614    | 429    | 7.8 x    | 68     | (10)   | -         | 3.07       | 3.1 x  |
| 142                   | Amicus Therapeutics      | FOLD-US   | 13.3              | 3,926            | 4,076            | 10%       | -27%     | -6%   | 399    | 533    | 7.6 x    | (59)   | 65     | 63.0 x    | 0.55       | 24.4 x |
| 143                   | Springworks Therapeutics | SWTX-US   | 51.0              | 3,764            | 3,333            | 5%        | -65%     | 40%   | 5      | 87     | 38.4 x   | (342)  | (353)  | -         | 8.52       | 6.0 x  |
| 144                   | IDEAYA Biosciences       | IDYA-US   | 46.2              | 3,406            | 2,539            | 3%        | -71%     | 30%   | 23     | 19     | 133.5 x  | (133)  | (166)  | -         | 9.55       | 4.8 x  |
| 145                   | Rhythm Pharmaceuticals   | RYTM-US   | 43.7              | 2,629            | 2,404            | 20%       | -65%     | -5%   | 77     | 137    | 17.5 x   | (183)  | (265)  | -         | 2.86       | 15.3 x |
| 146                   | Twist Bioscience         | TWST-US   | 38.9              | 2,249            | 2,005            | 11%       | -71%     | 6%    | 245    | 293    | 6.8 x    | (185)  | (151)  | -         | 10.21      | 3.8 x  |
| 147                   | Anhui Anke Biotech       | 300009-CN | 1.4               | 2,308            | 2,109            | 30%       | -24%     | -2%   | 339    | 405    | 5.2 x    | 130    | 156    | 13.6 x    | 0.30       | 4.6 x  |
| 148                   | Kymera Therapeutics      | KYMR-US   | 43.5              | 2,658            | 2,141            | 4%        | -78%     | 71%   | 79     | 55     | 38.8 x   | (153)  | (192)  | -         | 7.11       | 6.1 x  |
| 149                   | Ambrx Biopharma,         | AMAM-US   | 28.0              | 1,771            | 1,503            | 1%        | -77%     | 96%   | 7      | 2      | 910.4 x  | (75)   | (83)   | -         | 4.05       | 6.9 x  |
| 150                   | Gemini Therapeutics      | GMTX      | 75.3              | 1,818            | 1,450            | 3%        | -76%     | 30%   | 0      | 0      | -        | (47)   | (81)   | -         | 14.87      | 5.1 x  |
| 151                   | Edgewise Therapeutics    | EWTX-US   | 16.7              | 1,554            | 892              | 24%       | -69%     | 53%   | 0      | 0      | -        | (113)  | (130)  | -         | 4.53       | 3.7 x  |

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|     |                        |         |      |     |      |      |      |      |     |    |           |       |       |   |        |        |
|-----|------------------------|---------|------|-----|------|------|------|------|-----|----|-----------|-------|-------|---|--------|--------|
| 152 | Fusion Pharmaceuticals | FUSN    | 12.0 | 868 | 690  | 17%  | -81% | 25%  | 1   | 2  | 313.3 x   | (87)  | (105) | - | 2.73   | 4.4 x  |
| 153 | Exscientia Plc         | EXAI    | 6.5  | 802 | 389  | 40%  | -36% | 0%   | 33  | 46 | 8.5 x     | (174) | (190) | - | 3.84   | 1.7 x  |
| 154 | ORIC Pharmaceuticals   | ORIC-US | 14.7 | 988 | 575  | 14%  | -72% | 59%  | 0   | 0  | -         | (89)  | (108) | - | 4.54   | 3.2 x  |
| 155 | Praxis Precision Med.  | PRAX-US | 49.5 | 624 | 337  | 18%  | -76% | 219% | 2   | 2  | 146.6 x   | (126) | (112) | - | 7.92   | 6.3 x  |
| 156 | Tenaya Therapeutics    | TNYA-US | 6.7  | 514 | 345  | 21%  | -75% | 106% | 0   | 0  | -         | (117) | (124) | - | 2.42   | 2.8 x  |
| 157 | Monte Rosa             | GLUE-US | 6.3  | 316 | 183  | 40%  | -61% | 12%  | 0   | 4  | 52.0 x    | (107) | (112) | - | 3.69   | 1.7 x  |
| 158 | INmune Bio             | INMB    | 12.4 | 223 | 193  | 19%  | -53% | 10%  | 0   | 0  | 1,368.7 x | -     | -     | - | 2.49   | 5.0 x  |
| 159 | Foghorn Therapeutics   | FHTX-US | 7.9  | 335 | 122  | 26%  | -66% | 23%  | 19  | 32 | 3.8 x     | (107) | (109) | - | (1.36) | -5.8 x |
| 160 | Personalis, Inc.       | PSNL-US | 1.7  | 85  | 12   | 93%  | -47% | -20% | 73  | 74 | 0.2 x     | (95)  | (77)  | - | 2.56   | 0.7 x  |
| 161 | Prenetics Global Ltd   | PRE     | 4.9  | 52  | (17) | 258% | -21% | -18% | 276 | 36 | -0.5 x    | 58    | -     | - | 18.67  | 0.3 x  |

|                |                      |          | Price Performance |                  |                  |           |          |       | Sales   |         |          | EBITDA |        |           | Book Value |        |
|----------------|----------------------|----------|-------------------|------------------|------------------|-----------|----------|-------|---------|---------|----------|--------|--------|-----------|------------|--------|
|                |                      |          | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0     | FY1     | EV/Sales | FY0    | FY1    | EV/EBITDA | Book/Share | P/Book |
| Peer Set       |                      |          |                   |                  |                  |           |          |       |         |         |          |        |        |           |            |        |
| Remote Surgery |                      |          | Ticker            | 569,567          | 631,423          |           |          | 8%    | 116,562 | 124,273 | 5.1 x    | 31,494 | 33,845 | 18.7 x    |            | 4.1 x  |
| 162            | Intuitive Surgical,  | ISRG-US  | 397.9             | 140,190          | 133,789          | 1%        | -44%     | 18%   | 7,124   | 8,000   | 16.7 x   | 2,793  | 3,080  | 43.4 x    | 37.77      | 10.5 x |
| 163            | Stryker Corporation  | SYK-US   | 353.2             | 134,317          | 145,512          | 1%        | -29%     | 18%   | 20,498  | 22,159  | 6.6 x    | 5,402  | 6,036  | 24.1 x    | 48.92      | 7.2 x  |
| 164            | Medtronic            | MDT-US   | 83.6              | 111,006          | 128,692          | 10%       | -18%     | 1%    | 31,227  | 32,221  | 4.0 x    | 9,315  | 9,160  | 14.0 x    | 38.95      | 2.1 x  |
| 165            | Becton, Dickinson    | BDX-US   | 235.3             | 67,982           | 82,903           | 22%       | -3%      | -3%   | 19,372  | 20,302  | 4.1 x    | 5,306  | 5,714  | 14.5 x    | 87.68      | 2.7 x  |
| 166            | Siemens Healthineers | SHL-DE   | 60.4              | 68,103           | 83,465           | 6%        | -22%     | 5%    | 23,212  | 24,824  | 3.4 x    | 4,402  | 5,059  | 16.5 x    | 17.29      | 3.5 x  |
| 167            | Zimmer Biomet        | ZBH-US   | 124.0             | 25,432           | 30,694           | 20%       | -18%     | 2%    | 7,394   | 7,753   | 4.0 x    | 2,513  | 2,712  | 11.3 x    | 60.70      | 2.0 x  |
| 168            | Smith & Nephew       | SN-GB    | 13.3              | 11,589           | 14,315           | 25%       | -19%     | -3%   | 5,549   | 5,839   | 2.5 x    | 1,422  | 1,479  | 9.7 x     | 5.98       | 2.2 x  |
| 169            | Globus Medical,      | GMED-US  | 54.5              | 6,150            | 7,478            | 15%       | -20%     | 2%    | 1,568   | 2,465   | 3.0 x    | 493    | 730    | 10.2 x    | 29.32      | 1.9 x  |
| 170            | PROCEPT BioRobotics  | PRCT-US  | 49.1              | 2,500            | 2,283            | 7%        | -49%     | 18%   | 136     | 210     | 10.9 x   | (87)   | (80)   | -         | 5.53       | 8.9 x  |
| 171            | Shanghai MicroPort   | 2252-HK  | 1.8               | 1,683            | 1,677            | 117%      | -30%     | -34%  | 3       | -       | -        | (116)  | -      | -         | 0.14       | 12.9 x |
| 172            | Accuray Incorporated | ARRAY-US | 2.6               | 259              | 386              | 65%       | -10%     | -8%   | 448     | 462     | 0.8 x    | 24     | 28     | 13.8 x    | 0.48       | 5.4 x  |
| 173            | Stereotaxis, Inc.    | STXS-US  | 2.7               | 218              | 207              | 22%       | -51%     | 54%   | 27      | 30      | 6.8 x    | (14)   | (11)   | -         | 0.20       | 13.4 x |
| 174            | Asensus Surgical     | ASXC     | 0.3               | 81               | 53               | 182%      | -33%     | -4%   | 7       | 9       | 6.2 x    | -      | -      | -         | 0.18       | 1.7 x  |
| 175            | Vicarious Surgical   | RBOT     | 0.4               | 57               | (31)             | 656%      | -45%     | 0%    | 0       | 0       | -        | (75)   | (62)   | -         | 0.56       | 0.7 x  |

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|              |                    |          | Price       |                  |                  | Price Performance |          |       | Sales   |         |          | EBITDA  |         |            | Book Value  |         |
|--------------|--------------------|----------|-------------|------------------|------------------|-------------------|----------|-------|---------|---------|----------|---------|---------|------------|-------------|---------|
|              |                    |          | Share Price | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High         | % to Low | % YTD | FY0     | FY1     | EV/Sales | FY0     | FY1     | EV/ EBITDA | Book/ Share | P/ Book |
| Peer Set     |                    |          |             |                  |                  |                   |          |       |         |         |          |         |         |            |             |         |
| Telemedicine |                    | Ticker   |             | 3,444,153        | 3,463,873        |                   |          | 9%    | 663,835 | 706,175 | 4.9 x    | 150,586 | 173,231 | 20.0 x     |             | 2.4 x   |
| 176          | Microsoft          | MSFT     | 415.5       | 3,087,346        | 3,049,726        | 1%                | -41%     | 10%   | 211,915 | 244,380 | 12.5 x   | 103,406 | 127,762 | 23.9 x     | 32.06       | 13.0 x  |
| 177          | Cisco Systems      | CSCO     | 48.4        | 195,981          | 180,812          | 20%               | -6%      | -4%   | 56,998  | 52,182  | 3.5 x    | 20,128  | 19,113  | 9.5 x      | 11.42       | 4.2 x   |
| 178          | CVS Health         | CVS      | 73.8        | 92,924           | 159,091          | 13%               | -13%     | -6%   | 357,776 | 369,928 | 0.4 x    | 20,049  | 19,598  | 8.1 x      | 59.36       | 1.2 x   |
| 179          | Philips Healthcare | PHG      | 20.3        | 18,572           | 26,381           | 19%               | -26%     | -12%  | 19,620  | 20,328  | 1.3 x    | 3,266   | 3,295   | 8.0 x      | 14.66       | 1.4 x   |
| 180          | Zoom               | ZM       | 70.9        | 18,280           | 15,389           | 7%                | -17%     | -1%   | 4,527   | 4,618   | 3.3 x    | 1,879   | 1,822   | 8.4 x      | 26.07       | 2.7 x   |
| 181          | Grab Holdings      | GRAB     | 3.1         | 11,616           | 7,990            | 26%               | -15%     | -8%   | 2,359   | 2,791   | 2.9 x    | 771     | 192     | 41.6 x     | 1.63        | 1.9 x   |
| 182          | Doximity, Inc.     | DOCS-US  | 28.1        | 3,427            | 4,507            | 32%               | -30%     | 0%    | 419     | 473     | 9.5 x    | 184     | 224     | 20.2 x     | 4.64        | 6.0 x   |
| 183          | Teladoc, Inc.      | TDOC-US  | 15.0        | 2,506            | 3,052            | 103%              | -5%      | -30%  | 2,602   | 2,670   | 1.1 x    | 328     | 368     | 8.3 x      | 13.96       | 1.1 x   |
| 184          | LifeStance Health  | LFST-US  | 7.8         | 2,964            | 3,392            | 23%               | -41%     | -1%   | 1,056   | 1,217   | 2.8 x    | 59      | 84      | 40.4 x     | 3.77        | 2.1 x   |
| 185          | Hims & Hers        | HIMS-US  | 13.1        | 2,701            | 2,593            | 13%               | -57%     | 47%   | 872     | 1,190   | 2.2 x    | 50      | 114     | 22.8 x     | 1.61        | 8.1 x   |
| 186          | JMDC, Inc.         | 4483-JP  | 25.3        | 1,656            | 1,637            | 80%               | -12%     | -16%  | 207     | 230     | 7.1 x    | 57      | 75      | 21.9 x     | 7.16        | 3.5 x   |
| 187          | Terveystalo Oyj    | TTALO-FI | 7.8         | 991              | 1,648            | 20%               | -12%     | -8%   | 1,382   | 1,462   | 1.1 x    | 209     | 238     | 6.9 x      | 4.41        | 1.8 x   |
| 188          | Medley, Inc.       | 4480-JP  | 33.7        | 1,103            | 999              | 23%               | -25%     | 9%    | 137     | 194     | 5.1 x    | 23      | 32      | 31.1 x     | 3.62        | 9.3 x   |
| 189          | InnovAge Holding   | INNV-US  | 4.9         | 662              | 651              | 67%               | -3%      | -19%  | 688     | 754     | 0.9 x    | (1)     | 16      | 41.0 x     | 2.10        | 2.3 x   |
| 190          | WELL Health        | WELL-CA  | 3.1         | 742              | 1,062            | 43%               | -16%     | 6%    | 414     | 565     | 1.9 x    | 76      | 83      | 12.7 x     | 2.28        | 1.4 x   |

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|     |                          |         |     |     |       |       |      |      |     |     |        |       |       |        |        |         |
|-----|--------------------------|---------|-----|-----|-------|-------|------|------|-----|-----|--------|-------|-------|--------|--------|---------|
| 191 | GoodRx                   | GDRX    | 8.4 | 772 | 3,207 | 12%   | -50% | 25%  | 750 | 800 | 4.0 x  | 217   | 248   | 13.0 x | 1.93   | 4.3 x   |
| 192 | Talkspace, Inc.          | TALK-US | 3.0 | 500 | 374   | 3%    | -81% | 18%  | 150 | 191 | 2.0 x  | (14)  | 6     | 61.9 x | 0.70   | 4.2 x   |
| 193 | DocGo, Inc.              | DCGO-US | 4.1 | 430 | 402   | 162%  | -33% | -26% | 624 | 745 | 0.5 x  | 54    | 82    | 4.9 x  | 2.89   | 1.4 x   |
| 194 | American Well            | AMWL-US | 1.1 | 272 | (82)  | 164%  | -13% | -29% | 259 | 262 | -0.3 x | (170) | (158) | -      | 1.61   | 0.7 x   |
| 195 | 23andMe Holding          | ME-US   | 0.5 | 172 | 86    | 378%  | -11% | -40% | 299 | 217 | 0.4 x  | (161) | -     | -      | 0.78   | 0.7 x   |
| 196 | LifeMD, Inc.             | LFMD-US | 8.0 | 314 | 284   | 14%   | -86% | -3%  | 119 | 148 | 1.9 x  | (15)  | 10    | 28.8 x | (0.37) | -21.9 x |
| 197 | Vitalhub Corp.           | VHI-CA  | 4.3 | 178 | 164   | 5%    | -59% | 38%  | 29  | 39  | 4.2 x  | 7     | 9     | 17.6 x | 1.35   | 3.2 x   |
| 198 | CareMax, Inc.            | CMAX-US | 7.7 | 29  | 460   | 1728% | -47% | -49% | 631 | 789 | 0.6 x  | 22    | 19    | 23.9 x | 140.40 | 0.1 x   |
| 199 | ETAO International Group | ETAO    | 0.2 | 18  | 48    | 2029% | -21% | -60% | -   | -   | -      | -     | -     | -      | (0.16) | -1.1 x  |

|           |                     |           | Price Performance |                  |                  |           |          |       | Sales   |           |          | EBITDA  |         |            | Book Value  |         |
|-----------|---------------------|-----------|-------------------|------------------|------------------|-----------|----------|-------|---------|-----------|----------|---------|---------|------------|-------------|---------|
|           |                     |           | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0     | FY1       | EV/Sales | FY0     | FY1     | EV/ EBITDA | Book/ Share | P/ Book |
| Peer Set  |                     |           |                   |                  |                  |           |          |       |         |           |          |         |         |            |             |         |
| Wearables |                     |           | Ticker            | 4,054,543        | 4,912,784        |           |          | -6%   | 938,875 | 1,009,779 | 4.9 x    | 286,188 | 335,592 | 14.6 x     |             | 6.6 x   |
| 200       | Apple               | AAPL      | 179.7             | 2,774,288        | 2,839,959        | 11%       | -18%     | -7%   | 383,285 | 388,233   | 7.3 x    | 126,233 | 132,323 | 21.5 x     | 4.79        | 37.5 x  |
| 201       | Alphabet            | GOOGL     | 137.1             | 808,166          | 1,618,275        | 12%       | -35%     | -2%   | 307,394 | 342,740   | 4.7 x    | 122,164 | 140,398 | 11.5 x     | 22.74       | 6.0 x   |
| 202       | Samsung Electronics | 005930-KR | 55.1              | 329,064          | 317,964          | 11%       | -19%     | -10%  | 194,013 | 226,113   | 1.4 x    | 33,505  | 56,735  | 5.6 x      | 39.05       | 1.4 x   |
| 203       | DexCom, Inc.        | DXCM-US   | 121.7             | 46,933           | 46,397           | 15%       | -39%     | -2%   | 3,622   | 4,327     | 10.7 x   | 1,023   | 1,220   | 38.0 x     | 5.37        | 22.7 x  |
| 204       | Xiaomi Corporation  | 1810-HK   | 1.7               | 34,892           | 31,619           | 28%       | -26%     | -15%  | 40,688  | 37,670    | 0.8 x    | 1,528   | 2,884   | 11.0 x     | 0.88        | 1.9 x   |
| 205       | Garmin              | GRMN      | 137.4             | 26,356           | 24,771           | 3%        | -32%     | 7%    | 5,228   | 5,721     | 4.3 x    | 1,271   | 1,344   | 18.4 x     | 36.56       | 3.8 x   |
| 206       | Axon Enterprise     | AAXN      | 314.3             | 23,664           | 23,183           | 4%        | -44%     | 22%   | 1,563   | 1,927     | 12.0 x   | 329     | 432     | 53.6 x     | 21.41       | 14.7 x  |
| 207       | Universal Display   | OLED      | 174.7             | 8,274            | 7,809            | 12%       | -28%     | -9%   | 576     | 653       | 12.0 x   | 266     | 297     | 26.3 x     | 30.55       | 5.7 x   |
| 208       | Tandem Diabetes     | TNDM-US   | 27.6              | 1,810            | 1,728            | 63%       | -50%     | -7%   | 748     | 848       | 2.0 x    | (9)     | 1       | 1,963.8 x  | 4.78        | 5.8 x   |
| 209       | GoPro, Inc.         | GPRO      | 2.4               | 293              | 275              | 127%      | -9%      | -32%  | 1,005   | 1,010     | 0.3 x    | (27)    | (7)     | -          | 3.71        | 0.6 x   |
| 210       | Augmedix, Inc.      | AUGX      | 4.6               | 218              | 191              | 37%       | -71%     | -10%  | 31      | 45        | 4.3 x    | (19)    | (15)    | -          | 0.02        | 257.0 x |
| 211       | Catapult Group      | CAT-AU    | 0.8               | 209              | 214              | 17%       | -51%     | -11%  | 84      | 100       | 2.1 x    | (4)     | 9       | 23.3 x     | 0.32        | 2.6 x   |
| 212       | QuickLogic          | QUIK      | 16.2              | 225              | 226              | 7%        | -69%     | 17%   | 21      | 28        | 8.2 x    | 5       | 10      | 23.0 x     | 1.20        | 13.5 x  |
| 213       | Vuzix               | VUZI      | 1.7               | 112              | 72               | 250%      | -14%     | -17%  | 12      | 13        | 5.5 x    | (25)    | (24)    | -          | 1.51        | 1.1 x   |
| 214       | Zepp Health         | ZEPP      | 1.2               | 39               | 100              | 71%       | -22%     | -14%  | 603     | 353       | 0.3 x    | (51)    | (14)    | -          | 6.27        | 0.2 x   |

|                 |                      |           | Price Performance |                  |                  |           |          |       | Sales   |         |          | EBITDA |        |           | Book Value |        |
|-----------------|----------------------|-----------|-------------------|------------------|------------------|-----------|----------|-------|---------|---------|----------|--------|--------|-----------|------------|--------|
|                 |                      |           | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0     | FY1     | EV/Sales | FY0    | FY1    | EV/EBITDA | Book/Share | P/Book |
| Peer Set        |                      |           |                   |                  |                  |           |          |       |         |         |          |        |        |           |            |        |
| Medical Devices | Ticker               |           |                   | 1,187,551        | 1,261,233        |           |          | 6%    | 264,135 | 277,286 | 4.5 x    | 63,023 | 66,231 | 19.0 x    |            | 3.9 x  |
| 215             | Abbott Laboratories  | ABT-US    | 118.6             | 205,828          | 214,390          | 2%        | -24%     | 8%    | 40,109  | 41,992  | 5.1 x    | 10,264 | 10,779 | 19.9 x    | 22.26      | 5.3 x  |
| 216             | Boston Scientific    | BSX-US    | 67.1              | 98,486           | 106,860          | 1%        | -31%     | 16%   | 14,240  | 15,586  | 6.9 x    | 4,037  | 4,530  | 23.6 x    | 13.16      | 5.1 x  |
| 217             | Edwards Lifesciences | EW-US     | 85.2              | 51,243           | 50,122           | 11%       | -29%     | 12%   | 6,005   | 6,522   | 7.7 x    | 1,902  | 2,100  | 23.9 x    | 11.06      | 7.7 x  |
| 218             | Shenzhen Mindray     | 300760-CN | 40.3              | 48,873           | 46,068           | 15%       | -14%     | -1%   | 4,383   | 4,944   | 9.3 x    | 1,610  | 1,852  | 24.9 x    | 4.23       | 9.5 x  |
| 219             | HOYA CORPORATION     | 7741-JP   | 132.8             | 46,604           | 43,556           | 1%        | -31%     | 6%    | 5,365   | 5,076   | 8.6 x    | 1,945  | 1,782  | 24.4 x    | 16.79      | 7.9 x  |
| 220             | Alcon AG             | ALC-CH    | 86.0              | 42,977           | 46,688           | 1%        | -26%     | 12%   | 9,370   | 9,928   | 4.7 x    | 2,286  | 2,565  | 18.2 x    | 39.97      | 2.2 x  |
| 221             | GE Healthcare        | GEHC-US   | 92.7              | 42,221           | 50,233           | 1%        | -33%     | 20%   | 19,552  | 20,305  | 2.5 x    | 3,507  | 3,706  | 13.6 x    | 15.67      | 5.9 x  |
| 222             | ResMed Inc.          | RMD-US    | 174.6             | 25,683           | 26,970           | 39%       | -24%     | 2%    | 4,223   | 4,635   | 5.8 x    | 1,343  | 1,535  | 17.6 x    | 30.47      | 5.7 x  |
| 223             | West Pharmaceutical  | WST-US    | 358.7             | 26,294           | 25,774           | 16%       | -14%     | 2%    | 2,950   | 3,011   | 8.6 x    | 829    | 841    | 30.6 x    | 39.20      | 9.2 x  |
| 224             | Terumo Corporation   | 4543-JP   | 39.5              | 29,504           | 29,618           | 2%        | -37%     | 21%   | 6,009   | 6,065   | 4.9 x    | 1,389  | 1,438  | 20.6 x    | 10.93      | 3.6 x  |
| 225             | Straumann Holding    | STMN-CH   | 161.3             | 25,719           | 25,838           | 6%        | -33%     | 0%    | 2,743   | 2,907   | 8.9 x    | 805    | 879    | 29.4 x    | 13.08      | 12.3 x |
| 226             | Coloplast A/S        | COLO.B-DK | 133.3             | 28,019           | 33,016           | 10%       | -26%     | 19%   | 3,520   | 4,009   | 8.2 x    | 1,140  | 1,299  | 25.4 x    | 9.77       | 13.6 x |
| 227             | Sartorius Stedim     | DIM-FR    | 274.2             | 26,693           | 29,253           | 24%       | -38%     | 4%    | 3,015   | 3,255   | 9.0 x    | 848    | 1,008  | 29.0 x    | 30.97      | 8.9 x  |
| 228             | Align Technology,    | ALGN-US   | 300.0             | 22,532           | 21,820           | 38%       | -41%     | 9%    | 3,862   | 4,043   | 5.4 x    | 964    | 1,012  | 21.6 x    | 49.64      | 6.0 x  |
| 229             | Baxter International | BAX-US    | 41.0              | 20,826           | 32,020           | 22%       | -24%     | 6%    | 14,813  | 15,104  | 2.1 x    | 3,082  | 3,100  | 10.3 x    | 16.55      | 2.5 x  |

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|     |                       |           |       |        |        |     |      |       |        |        |        |       |       |        |       |        |
|-----|-----------------------|-----------|-------|--------|--------|-----|------|-------|--------|--------|--------|-------|-------|--------|-------|--------|
| 230 | Koninklijke Philips   | PHIA-NL   | 20.3  | 18,589 | 24,910 | 19% | -26% | -12%  | 19,620 | 20,525 | 1.2 x  | 3,264 | 3,325 | 7.5 x  | 14.36 | 1.4 x  |
| 231 | Sonova Holding        | SOON-CH   | 312.4 | 18,628 | 20,562 | 7%  | -27% | -4%   | 4,172  | 4,175  | 4.9 x  | 1,132 | 1,075 | 19.1 x | 40.20 | 7.8 x  |
| 232 | Cooper Companies      | COO-US    | 102.2 | 20,309 | 23,007 | 2%  | -26% | 8%    | 3,593  | 3,875  | 5.9 x  | 1,028 | 1,148 | 20.0 x | 38.73 | 2.6 x  |
| 233 | Olympus Corp.         | 7733-JP   | 14.2  | 17,216 | 15,578 | 33% | -14% | 5%    | 6,478  | 6,185  | 2.5 x  | 1,859 | 1,019 | 15.3 x | 4.23  | 3.3 x  |
| 234 | Hologic, Inc.         | HOLX-US   | 73.7  | 17,288 | 17,456 | 19% | -13% | 3%    | 4,030  | 4,029  | 4.3 x  | 1,298 | 1,319 | 13.2 x | 19.84 | 3.7 x  |
| 235 | Insulet Corporation   | PODD-US   | 169.3 | 11,835 | 12,567 | 98% | -26% | -22%  | 1,697  | 1,963  | 6.4 x  | 327   | 381   | 33.0 x | 10.48 | 16.1 x |
| 236 | Revvity, Inc.         | RVTY-US   | 107.1 | 13,233 | 15,806 | 30% | -26% | -2%   | 2,751  | 2,817  | 5.6 x  | 834   | 849   | 18.6 x | 63.79 | 1.7 x  |
| 237 | Cochlear Limited      | COH-AU    | 219.8 | 14,398 | 14,163 | 4%  | -33% | 8%    | 1,270  | 1,492  | 9.5 x  | 308   | 398   | 35.6 x | 17.71 | 12.4 x |
| 238 | bioMerieux SA         | BIM-FR    | 111.2 | 13,158 | 13,223 | 4%  | -19% | 0%    | 3,787  | 4,009  | 3.3 x  | 925   | 895   | 14.8 x | 33.23 | 3.3 x  |
| 239 | Teleflex Incorporated | TFX-US    | 223.0 | 10,494 | 11,982 | 24% | -20% | -11%  | 2,974  | 3,093  | 3.9 x  | 842   | 892   | 13.4 x | 92.43 | 2.4 x  |
| 240 | Sysmex Corporation    | 6869-JP   | 56.0  | 11,748 | 11,353 | 31% | -20% | 1%    | 3,034  | 3,042  | 3.7 x  | 777   | 776   | 14.6 x | 13.06 | 4.3 x  |
| 241 | Shanghai United       | 688271-CN | 19.2  | 11,371 | 14,230 | 27% | -28% | 1038% | 1,342  | 1,606  | 8.9 x  | 299   | 288   | 49.4 x | 3.04  | 6.3 x  |
| 242 | Demant A/S            | DEMANT-DK | 51.4  | 11,501 | 13,312 | 6%  | -42% | 19%   | 3,233  | 3,411  | 3.9 x  | 810   | 901   | 14.8 x | 6.09  | 8.4 x  |
| 243 | QIAGEN NV             | QGEN-US   | 43.5  | 9,618  | 10,085 | 13% | -18% | -3%   | 1,970  | 2,013  | 5.0 x  | 660   | 706   | 14.3 x | 17.20 | 2.5 x  |
| 244 | Penumbra, Inc.        | PEN-US    | 236.7 | 9,160  | 9,135  | 47% | -24% | -6%   | 1,059  | 1,244  | 7.3 x  | 120   | 164   | 55.6 x | 30.48 | 7.8 x  |
| 245 | Carl Zeiss            | AFX-DE    | 125.9 | 11,261 | 11,569 | 20% | -39% | 15%   | 2,253  | 2,446  | 4.7 x  | 467   | 470   | 24.6 x | 26.13 | 4.8 x  |
| 246 | Imeik Technology      | 300896-CN | 44.6  | 9,655  | 9,101  | 94% | -17% | 8%    | 278    | 403    | 22.6 x | 205   | 295   | 30.9 x | 4.18  | 10.7 x |
| 247 | Fisher & Paykel       | FPH-NZ    | 15.1  | 8,818  | 8,943  | 15% | -22% | 1%    | 955    | 1,055  | 8.5 x  | 260   | 285   | 31.4 x | 1.83  | 8.2 x  |
| 248 | Shockwave Medical     | SWAV-US   | 263.4 | 9,851  | 9,591  | 20% | -40% | 38%   | 730    | 921    | 10.4 x | 169   | 226   | 42.5 x | 16.30 | 16.2 x |

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|     |                         |           |       |       |       |      |      |      |       |       |        |      |      |         |        |       |
|-----|-------------------------|-----------|-------|-------|-------|------|------|------|-------|-------|--------|------|------|---------|--------|-------|
| 249 | Bio-Rad Laboratories    | BIO-US    | 332.3 | 7,783 | 9,118 | 51%  | -21% | 3%   | 2,671 | 2,698 | 3.4 x  | 536  | 497  | 18.3 x  | 306.51 | 1.1 x |
| 250 | Shenzhen New            | 300832-CN | 11.2  | 8,801 | 8,345 | 3%   | -36% | 2%   | 443   | 547   | 15.3 x | 221  | 261  | 32.0 x  | 1.26   | 8.9 x |
| 251 | DENTSPLY SIRONA         | XRAY-US   | 33.3  | 6,899 | 8,704 | 30%  | -21% | -7%  | 3,965 | 3,997 | 2.2 x  | 691  | 740  | 11.8 x  | 15.89  | 2.1 x |
| 252 | Masimo Corporation      | MASI-US   | 126.5 | 6,693 | 7,551 | 57%  | -41% | 8%   | 2,048 | 2,102 | 3.6 x  | 394  | 393  | 19.2 x  | 25.85  | 4.9 x |
| 253 | Inspire Medical         | INSP-US   | 183.5 | 5,429 | 4,986 | 80%  | -33% | -10% | 625   | 781   | 6.4 x  | 27   | 47   | 105.8 x | 19.37  | 9.5 x |
| 254 | Convatec Group          | CTEC-GB   | 3.2   | 6,495 | 7,649 | 10%  | -25% | 2%   | 2,142 | 2,268 | 3.4 x  | 531  | 580  | 13.2 x  | 0.80   | 4.0 x |
| 255 | SCHOTT Pharma           | 1SXP-DE   | 42.7  | 6,430 | 6,483 | 10%  | -33% | 15%  | 976   | 1,073 | 6.0 x  | 258  | 287  | 22.6 x  | 4.96   | 8.6 x |
| 256 | Getinge AB              | GETI.B-SE | 20.1  | 5,098 | 6,017 | 33%  | -20% | -10% | 3,050 | 3,268 | 1.8 x  | 548  | 634  | 9.5 x   | 10.70  | 1.9 x |
| 257 | Asahi Intecc            | 7747-JP   | 20.7  | 5,629 | 5,493 | 4%   | -23% | 2%   | 621   | 697   | 7.9 x  | 178  | 209  | 26.3 x  | 3.40   | 6.1 x |
| 258 | DiaSorin S.p.A.         | DIA-IT    | 100.2 | 5,606 | 6,317 | 21%  | -15% | 2%   | 1,436 | 1,251 | 5.0 x  | 521  | 407  | 15.5 x  | 30.38  | 3.3 x |
| 259 | QuidelOrtho Corporation | QDEL-US   | 45.5  | 3,044 | 5,513 | 117% | -8%  | -38% | 2,998 | 2,822 | 2.0 x  | 723  | 611  | 9.0 x   | 75.05  | 0.6 x |
| 260 | Merit Medical           | MMSI-US   | 76.3  | 4,418 | 4,707 | 12%  | -18% | 0%   | 1,257 | 1,320 | 3.6 x  | 261  | 290  | 16.2 x  | 20.78  | 3.7 x |
| 261 | Glaukos Corporation     | GKOS-US   | 88.8  | 4,394 | 4,446 | 9%   | -50% | 12%  | 315   | 357   | 12.5 x | (68) | (61) | -       | 9.40   | 9.4 x |
| 262 | Jiangsu Yuyue           | 002223-CN | 5.0   | 4,657 | 4,211 | 6%   | -15% | 3%   | 1,025 | 1,171 | 3.6 x  | 253  | 342  | 12.3 x  | 1.62   | 3.1 x |
| 263 | Envista Holdings        | NVST-US   | 20.9  | 3,589 | 4,401 | 96%  | -4%  | -13% | 2,567 | 2,604 | 1.7 x  | 463  | 430  | 10.2 x  | 24.34  | 0.9 x |
| 264 | Giant Biogene           | 2367-HK   | 4.6   | 4,537 | 4,068 | 64%  | -21% | 2%   | 343   | 474   | 8.6 x  | 170  | 221  | 18.4 x  | 0.50   | 9.2 x |
| 265 | Haemonetics Corporation | HAE-US    | 74.2  | 3,766 | 4,177 | 28%  | -5%  | -13% | 1,169 | 1,295 | 3.2 x  | 280  | 358  | 11.7 x  | 18.57  | 4.0 x |
| 266 | Ambu A/S                | AMBU.B-DK | 17.7  | 4,148 | 4,753 | 4%   | -47% | 15%  | 685   | 770   | 6.2 x  | 87   | 125  | 38.0 x  | 2.96   | 6.0 x |
| 267 | Sichuan Kelun           | 002422-CN | 3.8   | 4,596 | 6,235 | 24%  | -21% | -7%  | 2,761 | 2,984 | 2.1 x  | 507  | 561  | 11.1 x  | 1.78   | 2.1 x |

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|     |                      |           |       |       |       |      |      |      |       |       |        |       |       |         |       |        |
|-----|----------------------|-----------|-------|-------|-------|------|------|------|-------|-------|--------|-------|-------|---------|-------|--------|
| 268 | Autobio Diagnostics  | 603658-CN | 8.9   | 5,220 | 5,291 | 5%   | -37% | 12%  | 645   | 635   | 8.3 x  | 242   | 247   | 21.4 x  | 1.97  | 4.5 x  |
| 269 | iRhythm Technologies | IRTC-US   | 120.5 | 3,734 | 3,704 | 16%  | -42% | 13%  | 493   | 581   | 6.4 x  | (5)   | 21    | 177.2 x | 6.79  | 17.8 x |
| 270 | Lantheus Holdings    | LNTH-US   | 64.6  | 4,429 | 4,519 | 56%  | -22% | 4%   | 1,296 | 1,425 | 3.2 x  | 607   | 702   | 6.4 x   | 11.68 | 5.5 x  |
| 271 | APT Medical          | 688617-CN | 62.5  | 4,180 | 4,030 | 7%   | -36% | 14%  | 177   | 231   | 17.5 x | 69    | 88    | 46.0 x  | 3.70  | 16.9 x |
| 272 | Axonics, Inc.        | AXNX-US   | 67.7  | 3,454 | 3,097 | 3%   | -30% | 9%   | 366   | 445   | 7.0 x  | 47    | 68    | 45.3 x  | 12.56 | 5.4 x  |
| 273 | Inari Medical        | NARI-US   | 45.4  | 2,631 | 2,303 | 58%  | -10% | -30% | 494   | 588   | 3.9 x  | (4)   | (22)  | -       | 8.05  | 5.6 x  |
| 274 | Enovis Corporation   | ENOV-US   | 60.4  | 3,298 | 3,732 | 10%  | -29% | 8%   | 1,707 | 2,102 | 1.8 x  | 269   | 369   | 10.1 x  | 62.61 | 1.0 x  |
| 275 | Integra LifeSciences | IART-US   | 36.0  | 2,815 | 4,227 | 65%  | -7%  | -17% | 1,542 | 1,616 | 2.6 x  | 370   | 383   | 11.0 x  | 20.31 | 1.8 x  |
| 276 | Shandong Weigao      | 1066-HK   | 0.6   | 2,923 | 2,776 | 179% | -11% | -34% | 1,982 | 1,862 | 1.5 x  | 578   | 471   | 5.9 x   | 0.66  | 1.0 x  |
| 277 | iRay Technology      | 688301-CN | 33.0  | 3,362 | 3,253 | 45%  | -20% | -28% | 226   | 264   | 12.3 x | 93    | 104   | 31.2 x  | 5.63  | 5.9 x  |
| 278 | Medacta Group        | MOVE-CH   | 143.5 | 2,870 | 3,048 | 9%   | -28% | -4%  | 465   | 561   | 5.4 x  | 126   | 152   | 20.0 x  | 16.56 | 8.7 x  |
| 279 | Lepu Medical         | 300003-CN | 2.1   | 3,381 | 4,092 | 74%  | -23% | -7%  | 1,533 | 1,232 | 3.3 x  | 476   | 393   | 10.4 x  | 1.20  | 1.7 x  |
| 280 | CONMED Corporation   | CNMD-US   | 80.0  | 2,461 | 3,442 | 73%  | -1%  | -27% | 1,245 | 1,350 | 2.6 x  | 235   | 279   | 12.4 x  | 27.12 | 2.9 x  |
| 281 | Guardant Health      | GH-US     | 19.0  | 2,309 | 2,511 | 116% | -4%  | -30% | 564   | 664   | 3.8 x  | (476) | (333) | -       | 1.30  | 14.5 x |
| 282 | TransMedics Group    | TMDX-US   | 82.7  | 2,706 | 2,791 | 20%  | -56% | 5%   | 242   | 367   | 7.6 x  | (12)  | 27    | 101.5 x | 4.20  | 19.7 x |
| 283 | Winner Medical       | 300888-CN | 4.9   | 2,929 | 2,216 | 45%  | -18% | -5%  | 1,641 | 1,185 | 1.9 x  | 341   | 274   | 8.1 x   | 3.11  | 1.6 x  |
| 284 | Elektro AB           | EKTA.B-SE | 7.5   | 2,781 | 3,378 | 15%  | -15% | -7%  | 1,559 | 1,774 | 1.9 x  | 248   | 327   | 10.3 x  | 2.59  | 2.9 x  |
| 285 | LivaNova Plc         | LIVN-US   | 55.2  | 2,981 | 3,067 | 8%   | -27% | 7%   | 1,150 | 1,210 | 2.5 x  | 219   | 251   | 12.2 x  | 23.70 | 2.3 x  |
| 286 | RadNet, Inc.         | RDNT      | 44.4  | 3,037 | 4,387 | 10%  | -49% | 28%  | 1,617 | 1,746 | 2.5 x  | 232   | 268   | 16.4 x  | 9.28  | 4.8 x  |

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|     |                       |           |       |       |       |      |      |      |       |       |        |       |       |        |       |        |
|-----|-----------------------|-----------|-------|-------|-------|------|------|------|-------|-------|--------|-------|-------|--------|-------|--------|
| 287 | Telix Pharmaceuticals | TLX-AU    | 7.8   | 2,525 | 2,444 | 10%  | -45% | 13%  | 330   | 457   | 5.4 x  | 16    | 58    | 42.0 x | 0.30  | 26.0 x |
| 288 | ICU Medical           | ICUI-US   | 105.4 | 2,544 | 4,061 | 102% | -26% | 6%   | 2,213 | 2,277 | 1.8 x  | 376   | 352   | 11.5 x | 87.95 | 1.2 x  |
| 289 | Ovctek China          | 300595-CN | 2.9   | 2,567 | 2,341 | 95%  | -26% | -10% | 222   | 235   | 10.0 x | 122   | 119   | 19.7 x | 0.66  | 4.3 x  |
| 290 | Vitrolife AB          | VITR-SE   | 17.8  | 2,416 | 2,538 | 31%  | -38% | -8%  | 335   | 367   | 6.9 x  | 110   | 123   | 20.6 x | 9.08  | 2.0 x  |
| 291 | Sonoscape Medical     | 300633-CN | 5.4   | 2,331 | 2,106 | 63%  | -19% | -19% | 256   | 301   | 7.0 x  | 61    | 81    | 25.9 x | 0.99  | 5.5 x  |
| 292 | Eyebright Medical     | 688050-CN | 23.2  | 2,437 | 2,386 | 47%  | -22% | -5%  | 84    | 129   | 18.5 x | 48    | 58    | 40.8 x | 2.74  | 8.4 x  |
| 293 | Jafron Biomedical     | 300529-CN | 2.9   | 2,318 | 2,143 | 65%  | -23% | -6%  | 363   | 285   | 7.5 x  | 161   | 97    | 22.1 x | 0.55  | 5.2 x  |
| 294 | Ansell Limited        | ANN-AU    | 15.3  | 1,929 | 2,252 | 25%  | -13% | -10% | 1,655 | 1,630 | 1.4 x  | 276   | 245   | 9.2 x  | 12.06 | 1.3 x  |
| 295 | InMode Ltd.           | INMD-US   | 22.9  | 1,932 | 1,253 | 110% | -19% | 3%   | 492   | 499   | 2.5 x  | 220   | 220   | 5.7 x  | 9.38  | 2.4 x  |
| 296 | Hartalega Holdings    | 5168-MY   | 0.5   | 1,842 | 1,516 | 22%  | -40% | -8%  | 541   | 418   | 3.6 x  | (17)  | 33    | 46.3 x | 0.29  | 1.9 x  |
| 297 | Micro-Tech (Nanjing)  | 688029-CN | 10.2  | 1,912 | 1,748 | 38%  | -21% | -25% | 286   | 333   | 5.2 x  | 51    | 73    | 24.0 x | 2.60  | 3.9 x  |
| 298 | NovoCure Limited      | NVCR-US   | 16.3  | 1,740 | 1,407 | 414% | -33% | 9%   | 509   | 540   | 2.6 x  | (106) | (132) | -      | 3.39  | 4.8 x  |
| 299 | Top Glove             | 7113-MY   | 0.2   | 1,392 | 1,528 | 62%  | -14% | -11% | 479   | 657   | 2.3 x  | (35)  | 62    | 24.7 x | 0.12  | 1.4 x  |
| 300 | Nakanishi Inc.        | 7716-JP   | 15.8  | 1,486 | 1,172 | 63%  | -16% | 4%   | 396   | 524   | 2.2 x  | 118   | -     | -      | 8.87  | 1.8 x  |
| 301 | CLASSYS, Inc.         | 214150-KR | 24.1  | 1,564 | 1,504 | 38%  | -41% | -17% | 135   | 169   | 8.9 x  | 70    | 90    | 16.6 x | 3.18  | 7.6 x  |
| 302 | STAAR Surgical        | STAA-US   | 33.3  | 1,628 | 1,475 | 120% | -20% | 7%   | 322   | 337   | 4.4 x  | 57    | 36    | 40.7 x | 7.90  | 4.2 x  |
| 303 | Lunit, Inc.           | 328130-KR | 45.7  | 1,313 | 1,116 | 115% | -72% | -17% | 19    | 40    | 27.8 x | (30)  | (10)  | -      | 1.47  | 31.1 x |
| 304 | Butterfly Networks    | BFLY      | 1.3   | 235   | 145   | 123% | -42% | 20%  | 66    | 73    | 2.0 x  | (68)  | (60)  | -      | 1.06  | 1.2 x  |
| 305 | Hyperfine, Inc.       | HYPR      | 1.1   | 63    | (7)   | 195% | -18% | -1%  | 7     | 12    | -0.5 x | (62)  | (55)  | -      | 1.31  | 0.8 x  |

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|     |                           |         |     |     |     |       |      |      |   |   |         |   |   |   |        |        |
|-----|---------------------------|---------|-----|-----|-----|-------|------|------|---|---|---------|---|---|---|--------|--------|
| 306 | SeaStar Medical, Inc.     | ICU     | 0.8 | 51  | 32  | 287%  | -79% | 78%  | - | - | -       | - | - | - | (0.58) | -1.4 x |
| 307 | OneMedNet Corp            | ONMD    | 0.8 | 26  | 8   | 1592% | -47% | -1%  | - | - | -       | - | - | - | 1.57   | 0.5 x  |
| 308 | Envoy Medical Corp        | COCH    | 6.3 | 122 | 106 | 88%   | -88% | 245% | 0 | 0 | 341.7 x | - | - | - | 0.24   | 25.5 x |
| 309 | BioSig Technologies       | BSGM    | 0.7 | 7   | 6   | 2240% | -63% | -85% | 0 | 2 | 4.0 x   | - | - | - | (0.15) | -4.8 x |
| 310 | Rapid Dose Therapeutics   | DOSE-CA | 0.1 | 13  | 15  | 63%   | -55% | -3%  | - | - | -       | - | - | - | (0.03) | -3.8 x |
| 311 | Intelligent Bio Solutions | INBS    | 5.5 | 12  | 99  | 1296% | -59% | 36%  | 1 | - | -       | - | - | - | 0.19   | 29.8 x |

|           |                           |           | Price Performance |                     |                     |              |             |       | Sales   |         |          | EBITDA  |         |               | Book Value     |            |
|-----------|---------------------------|-----------|-------------------|---------------------|---------------------|--------------|-------------|-------|---------|---------|----------|---------|---------|---------------|----------------|------------|
|           |                           |           | Price             | Mkt Cap<br>(\$ Mns) | Ent Val<br>(\$ Mns) | % to<br>High | % to<br>Low | % YTD | FY0     | FY1     | EV/Sales | FY0     | FY1     | EV/<br>EBITDA | Book/<br>Share | P/<br>Book |
| Peer Set  |                           |           |                   |                     |                     |              |             |       |         |         |          |         |         |               |                |            |
| Biopharma |                           |           | Ticker            | 4,434,278           | 4,863,986           |              |             | 8%    | 915,902 | 968,560 | 5.0 x    | 283,704 | 332,608 | 14.6 x        |                | 5.1 x      |
| 312       | Eli Lilly                 | LLY-US    | 782.1             | 743,143             | 760,290             | 2%           | -60%        | 34%   | 34,124  | 41,328  | 18.4 x   | 8,458   | 14,941  | 50.9 x        | 11.35          | 68.9 x     |
| 313       | Johnson & Johnson         | JNJ-US    | 162.1             | 390,509             | 396,645             | 9%           | -11%        | 3%    | 85,159  | 88,398  | 4.5 x    | 32,267  | 33,435  | 11.9 x        | 28.57          | 5.7 x      |
| 314       | Novo Nordisk              | NOVO.B-DK | 123.7             | 424,885             | 550,961             | 4%           | -45%        | 21%   | 33,848  | 42,023  | 13.1 x   | 16,270  | 20,350  | 27.1 x        | 3.47           | 35.6 x     |
| 315       | Merck & Co.               | MRK-US    | 127.0             | 321,544             | 347,517             | 3%           | -22%        | 16%   | 60,115  | 63,780  | 5.4 x    | 9,062   | 28,955  | 12.0 x        | 14.84          | 8.6 x      |
| 316       | Novartis AG               | NOVN-CH   | 101.8             | 231,955             | 221,409             | 7%           | -21%        | 13%   | 45,440  | 48,258  | 4.6 x    | 17,993  | 19,081  | 11.6 x        | 21.82          | 4.7 x      |
| 317       | AstraZeneca               | AZN-GB    | 127.5             | 197,725             | 220,402             | 21%          | -6%         | -6%   | 45,811  | 50,985  | 4.3 x    | 14,887  | 17,739  | 12.4 x        | 25.06          | 5.1 x      |
| 318       | Roche Holding             | ROG-CH    | 263.5             | 185,117             | 235,026             | 23%          | -4%         | -8%   | 68,152  | 68,431  | 3.4 x    | 25,382  | 25,685  | 9.2 x         | 41.76          | 6.3 x      |
| 319       | Amgen Inc.                | AMGN-US   | 280.3             | 150,234             | 175,816             | 18%          | -24%        | -3%   | 28,190  | 33,050  | 5.3 x    | 17,338  | 17,146  | 10.3 x        | 11.64          | 24.1 x     |
| 320       | Pfizer Inc.               | PFE-US    | 26.6              | 150,148             | 169,812             | 59%          | -4%         | -8%   | 58,496  | 60,004  | 2.8 x    | 11,519  | 19,222  | 8.8 x         | 15.77          | 1.7 x      |
| 321       | Sanofi                    | SAN-FR    | 94.6              | 119,656             | 129,458             | 23%          | -10%        | -4%   | 46,641  | 51,614  | 2.5 x    | 15,754  | 15,350  | 8.4 x         | 64.03          | 1.5 x      |
| 322       | Vertex Pharmaceuticals    | VRTX-US   | 432.8             | 111,785             | 100,330             | 4%           | -34%        | 6%    | 9,869   | 10,711  | 9.4 x    | 4,551   | 5,169   | 19.4 x        | 68.22          | 6.3 x      |
| 323       | Regeneron Pharmaceuticals | REGN-US   | 982.8             | 106,089             | 100,310             | 2%           | -30%        | 12%   | 13,117  | 13,923  | 7.2 x    | 5,360   | 5,516   | 18.2 x        | 237.41         | 4.1 x      |
| 324       | Bristol-Myers Squibb      | BMJ-US    | 50.9              | 102,909             | 134,441             | 40%          | -7%         | -1%   | 45,006  | 46,000  | 2.9 x    | 20,371  | 19,100  | 7.0 x         | 14.56          | 3.5 x      |
| 325       | Gilead Sciences,          | GILD-US   | 72.3              | 90,082              | 107,034             | 22%          | -1%         | -11%  | 27,116  | 27,494  | 3.9 x    | 12,160  | 13,118  | 8.2 x         | 18.33          | 3.9 x      |
| 326       | CSL Limited               | CSL-AU    | 184.5             | 89,111              | 101,780             | 14%          | -21%        | -6%   | 13,310  | 14,706  | 6.9 x    | 4,116   | 4,883   | 20.8 x        | 33.93          | 5.4 x      |

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|     |                          |           |       |        |         |      |      |      |        |        |        |         |         |        |        |         |
|-----|--------------------------|-----------|-------|--------|---------|------|------|------|--------|--------|--------|---------|---------|--------|--------|---------|
| 327 | GSK Plc                  | GSK-GB    | 21.0  | 86,571 | 100,953 | 2%   | -21% | 15%  | 38,621 | 40,121 | 2.5 x  | 12,867  | 13,403  | 7.5 x  | 4.16   | 5.1 x   |
| 328 | Chugai Pharmaceutical    | 4519-JP   | 40.7  | 68,325 | 62,824  | 5%   | -41% | 10%  | 7,496  | 7,341  | 8.6 x  | 3,177   | 3,313   | 19.0 x | 6.60   | 6.2 x   |
| 329 | Daiichi Sankyo           | 4568-JP   | 33.3  | 64,808 | 60,517  | 11%  | -29% | 23%  | 9,532  | 10,574 | 5.7 x  | 1,401   | 1,683   | 36.0 x | 5.53   | 6.0 x   |
| 330 | Takeda Pharmaceutical    | 4502-JP   | 29.2  | 46,262 | 75,373  | 18%  | -10% | 3%   | 29,766 | 27,369 | 2.8 x  | 9,108   | 7,257   | 10.4 x | 28.71  | 1.0 x   |
| 331 | Moderna, Inc.            | MRNA-US   | 95.1  | 36,320 | 30,195  | 72%  | -34% | -4%  | 6,848  | 4,223  | 7.2 x  | (3,637) | (2,825) | -      | 36.27  | 2.6 x   |
| 332 | Sun Pharmaceutical       | 524715-IN | 18.8  | 45,105 | 43,963  | 3%   | -41% | 24%  | 5,294  | 5,867  | 7.5 x  | 1,415   | 1,584   | 27.8 x | 3.01   | 6.3 x   |
| 333 | Haleon plc.              | HLN-GB    | 4.2   | 38,578 | 49,458  | 6%   | -11% | 2%   | 14,296 | 14,540 | 3.4 x  | 3,537   | 3,660   | 13.5 x | 2.25   | 1.9 x   |
| 334 | Jiangsu Hengrui          | 600276-CN | 5.9   | 37,679 | 35,212  | 24%  | -16% | -7%  | 3,088  | 3,265  | 10.8 x | 557     | 692     | 50.9 x | 0.87   | 6.8 x   |
| 335 | Bayer Aktiengesellschaft | BAYN-DE   | 30.7  | 30,157 | 68,100  | 121% | -9%  | -17% | 51,789 | 51,696 | 1.3 x  | 12,726  | 11,524  | 5.9 x  | 36.27  | 0.8 x   |
| 336 | Celltrion, Inc.          | 068270-KR | 135.0 | 29,426 | 19,546  | 37%  | -28% | -14% | 1,650  | 2,380  | 8.2 x  | 676     | 804     | 24.3 x | 23.05  | 5.9 x   |
| 337 | Alnylam Pharmaceuticals  | ALNY-US   | 152.6 | 19,221 | 19,455  | 43%  | -6%  | -20% | 1,828  | 1,844  | 10.5 x | (230)   | (346)   | -      | (1.75) | -87.0 x |
| 338 | argenx SE                | ARGX-BE   | 389.3 | 23,088 | 18,625  | 41%  | -24% | 3%   | 1,269  | 1,816  | 10.3 x | (355)   | (43)    | -      | 50.66  | 7.7 x   |
| 339 | Otsuka Holdings          | 4578-JP   | 40.3  | 22,495 | 19,916  | 2%   | -28% | 10%  | 13,401 | 14,222 | 1.4 x  | 2,327   | 2,946   | 6.8 x  | 29.47  | 1.4 x   |
| 340 | Astellas Pharma          | 4503-JP   | 11.2  | 20,185 | 24,439  | 52%  | -5%  | -6%  | 11,153 | 10,579 | 2.3 x  | 2,226   | 1,744   | 14.0 x | 5.60   | 2.0 x   |
| 341 | Genmab A/S               | GMAB-DK   | 293.2 | 19,373 | 15,099  | 48%  | -10% | -7%  | 2,378  | 2,878  | 5.2 x  | 814     | 966     | 15.6 x | 70.24  | 4.2 x   |
| 342 | UCB S.A.                 | UCB-BE    | 117.6 | 22,878 | 24,607  | 1%   | -41% | 38%  | 5,690  | 6,128  | 4.0 x  | 1,462   | 1,481   | 16.6 x | 51.18  | 2.3 x   |
| 343 | BeiGene, Ltd.            | 6160-HK   | 12.4  | 15,390 | 14,240  | 72%  | -15% | -12% | 2,459  | 3,009  | 4.7 x  | (1,098) | (803)   | -      | 2.60   | 4.8 x   |
| 344 | Shionogi &               | 4507-JP   | 50.7  | 15,584 | 13,073  | 6%   | -20% | 12%  | 3,174  | 2,971  | 4.4 x  | 1,249   | 1,180   | 11.1 x | 27.73  | 1.8 x   |
| 345 | Viatis Inc.              | VTRS-US   | 12.6  | 14,951 | 32,359  | 8%   | -31% | 16%  | 15,427 | 15,362 | 2.1 x  | 5,124   | 4,957   | 6.5 x  | 17.05  | 0.7 x   |

## Monthly Newsletter – The Healthtech Industry

|     |                        |           |       |        |        |     |      |      |        |        |         |         |       |        |        |        |
|-----|------------------------|-----------|-------|--------|--------|-----|------|------|--------|--------|---------|---------|-------|--------|--------|--------|
| 346 | Eisai Co.,             | 4523-JP   | 41.4  | 12,270 | 11,029 | 95% | -2%  | -15% | 5,468  | 4,926  | 2.2 x   | 608     | 599   | 18.4 x | 19.06  | 2.2 x  |
| 347 | Neurocrine Biosciences | NBIX-US   | 131.3 | 13,065 | 12,138 | 9%  | -32% | 0%   | 1,887  | 2,214  | 5.5 x   | 271     | 668   | 18.2 x | 22.61  | 5.8 x  |
| 348 | Incyte Corporation     | INCY-US   | 59.1  | 13,258 | 9,766  | 29% | -15% | -6%  | 3,696  | 4,135  | 2.4 x   | 783     | 1,064 | 9.2 x  | 23.14  | 2.6 x  |
| 349 | Teva Pharmaceutical    | TEVA-IL   | 13.2  | 14,748 | 33,795 | 5%  | -46% | 23%  | 15,846 | 16,120 | 2.1 x   | 4,818   | 4,827 | 7.0 x  | 6.75   | 1.9 x  |
| 350 | Royalty Pharma         | RPRX-US   | 29.9  | 13,369 | 22,005 | 28% | -13% | 7%   | 2,895  | 2,671  | 8.2 x   | 2,472   | 2,493 | 8.8 x  | 14.61  | 2.0 x  |
| 351 | Cipla Limited          | 500087-IN | 17.7  | 14,320 | 13,881 | 2%  | -42% | 18%  | 2,822  | 3,113  | 4.5 x   | 612     | 761   | 18.2 x | 3.71   | 4.8 x  |
| 352 | Karuna Therapeutics    | KRTX-US   | 316.2 | 12,064 | 10,716 | 2%  | -50% | 0%   | 1      | 55     | 194.2 x | (456)   | (488) | -      | 32.94  | 9.6 x  |
| 353 | Dr. Reddy's            | 500124-IN | 74.7  | 12,468 | 11,791 | 5%  | -30% | 8%   | 2,995  | 3,340  | 3.5 x   | 775     | 950   | 12.4 x | 19.40  | 3.9 x  |
| 354 | Recordati Industria    | REC-IT    | 56.3  | 11,774 | 13,270 | 3%  | -29% | 6%   | 2,251  | 2,502  | 5.3 x   | 832     | 922   | 14.4 x | 9.06   | 6.2 x  |
| 355 | Sarepta Therapeutics,  | SRPT-US   | 128.7 | 12,076 | 11,698 | 24% | -57% | 33%  | 1,243  | 1,866  | 6.3 x   | (90)    | 355   | 32.9 x | 9.17   | 14.0 x |
| 356 | United Therapeutics    | UTHR-US   | 231.9 | 10,914 | 8,834  | 13% | -12% | 5%   | 2,328  | 2,686  | 3.3 x   | 1,257   | 1,422 | 6.2 x  | 127.23 | 1.8 x  |
| 357 | Mankind Pharma         | 543904-IN | 25.9  | 10,377 | 10,144 | 7%  | -42% | 9%   | 1,058  | 1,245  | 8.2 x   | 232     | 301   | 33.7 x | 2.54   | 10.2 x |
| 358 | Swedish Orphan         | SOBI-SE   | 25.3  | 8,959  | 10,605 | 14% | -31% | 0%   | 2,107  | 2,345  | 4.5 x   | 707     | 866   | 12.2 x | 9.80   | 2.6 x  |
| 359 | Ipsen SA               | IPN-FR    | 110.0 | 9,218  | 9,015  | 27% | -2%  | -6%  | 3,366  | 3,730  | 2.4 x   | 1,234   | 1,319 | 6.8 x  | 50.09  | 2.2 x  |
| 360 | Beijing Wantai         | 603392-CN | 10.4  | 13,177 | 12,475 | 30% | -47% | -2%  | 1,627  | 853    | 14.6 x  | 800     | 453   | 27.5 x | 1.46   | 7.1 x  |
| 361 | Hansoh Pharmaceutical  | 3692-HK   | 1.7   | 10,322 | 7,696  | 20% | -31% | -14% | 1,363  | 1,403  | 5.5 x   | 460     | 490   | 15.7 x | 0.56   | 3.1 x  |
| 362 | Ono Pharmaceutical     | 4528-JP   | 16.6  | 8,573  | 7,013  | 30% | -4%  | 1%   | 3,327  | 3,398  | 2.1 x   | 1,215   | 1,275 | 5.5 x  | 11.04  | 1.5 x  |
| 363 | CSPC Pharmaceutical    | 1093-HK   | 0.8   | 9,274  | 7,853  | 45% | -15% | -16% | 4,490  | 4,423  | 1.8 x   | 1,180   | 1,183 | 6.6 x  | 0.37   | 2.1 x  |
| 364 | Roivant Sciences       | ROIV-US   | 11.8  | 9,485  | 8,935  | 12% | -44% | 5%   | 61     | 589    | 15.2 x  | (1,202) | 311   | 28.7 x | 7.57   | 1.6 x  |

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|     |                          |           |       |       |        |     |      |      |       |       |         |       |       |           |        |         |
|-----|--------------------------|-----------|-------|-------|--------|-----|------|------|-------|-------|---------|-------|-------|-----------|--------|---------|
| 365 | ImmunoGen, Inc.          | IMGN-US   | 31.2  | 4,675 | 7,807  | 0%  | -88% | -44% | 109   | 384   | 20.3 x  | (219) | 6     | 1,301.2 x | 2.11   | 14.8 x  |
| 366 | Jazz Pharmaceuticals     | JAZZ-US   | 118.9 | 7,410 | 11,607 | 25% | -6%  | -3%  | 3,834 | 4,100 | 2.8 x   | 1,685 | 1,784 | 6.5 x     | 60.03  | 2.0 x   |
| 367 | Apellis Pharmaceuticals  | APLS-US   | 63.9  | 7,704 | 7,635  | 48% | -69% | 7%   | 397   | 782   | 9.8 x   | (495) | (127) | -         | 1.63   | 39.3 x  |
| 368 | Cerevel Therapeutics     | CERE-US   | 41.1  | 7,454 | 7,241  | 6%  | -52% | -3%  | 0     | 0     | -       | (354) | (417) | -         | 3.71   | 11.1 x  |
| 369 | Exelixis, Inc.           | EXEL-US   | 22.2  | 6,743 | 5,822  | 9%  | -27% | -7%  | 1,830 | 1,914 | 3.0 x   | 228   | 486   | 12.0 x    | 7.48   | 3.0 x   |
| 370 | Intra-Cellular Therapies | ITCI-US   | 71.5  | 6,921 | 6,413  | 6%  | -41% | 0%   | 464   | 659   | 9.7 x   | (159) | (88)  | -         | 6.14   | 11.7 x  |
| 371 | Innovent Biologics       | 1801-HK   | 5.1   | 8,228 | 7,112  | 26% | -31% | -7%  | 662   | 818   | 8.7 x   | (348) | (143) | -         | 0.96   | 5.3 x   |
| 372 | BridgeBio Pharma         | BBIO-US   | 35.6  | 6,265 | 7,427  | 24% | -67% | -12% | 9     | 25    | 299.4 x | (539) | (513) | -         | (7.73) | -4.6 x  |
| 373 | Immunovant, Inc.         | IMVT-US   | 35.3  | 5,129 | 4,853  | 29% | -60% | -16% | 0     | 0     | -       | (218) | (270) | -         | 4.68   | 7.5 x   |
| 374 | SK Biopharmaceuticals    | 326030-KR | 72.8  | 5,699 | 5,656  | 10% | -40% | -7%  | 266   | 364   | 15.6 x  | (17)  | 45    | 124.3 x   | 2.74   | 26.6 x  |
| 375 | Bausch + Lomb            | BLCO-US   | 16.5  | 5,779 | 9,951  | 33% | -17% | -3%  | 4,146 | 4,649 | 2.1 x   | 738   | 862   | 11.5 x    | 19.52  | 0.8 x   |
| 376 | Revolution Medicines     | RVMD-US   | 29.8  | 4,908 | 4,157  | 19% | -48% | 4%   | 12    | 6     | 713.2 x | (483) | (587) | -         | 11.09  | 2.7 x   |
| 377 | Alkermes Public          | ALKS-US   | 30.2  | 5,052 | 4,545  | 11% | -27% | 9%   | 1,663 | 1,530 | 3.0 x   | 324   | 512   | 8.9 x     | 7.20   | 4.2 x   |
| 378 | Halozyne Therapeutics    | HALO-US   | 41.1  | 5,214 | 6,258  | 13% | -27% | 11%  | 829   | 956   | 6.5 x   | 426   | 555   | 11.3 x    | 0.66   | 62.2 x  |
| 379 | Madrigal Pharmaceuticals | MDGL-US   | 251.6 | 5,007 | 4,885  | 28% | -52% | 9%   | 0     | 90    | 54.2 x  | (380) | (541) | -         | 20.39  | 12.3 x  |
| 380 | Nuvalent, Inc.           | NUVL-US   | 87.2  | 5,111 | 5,171  | 3%  | -74% | 18%  | 0     | 0     | -       | (149) | (207) | -         | 10.94  | 8.0 x   |
| 381 | Akeso Inc.               | 9926-HK   | 6.0   | 5,017 | 4,596  | 10% | -35% | 1%   | 121   | 658   | 7.0 x   | (185) | 315   | 14.6 x    | 0.85   | 7.0 x   |
| 382 | ALVOTECH                 | ALVO      | 15.8  | 4,212 | 5,159  | 14% | -57% | 37%  | 85    | 86    | 60.0 x  | (244) | (205) | -         | (2.47) | -6.4 x  |
| 383 | Insmmed Incorporated     | INSM-US   | 28.1  | 4,167 | 4,720  | 14% | -43% | -9%  | 305   | 357   | 13.2 x  | (697) | (667) | -         | (2.24) | -12.5 x |

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|     |                              |           |      |       |       |      |      |      |     |     |         |       |       |        |         |         |
|-----|------------------------------|-----------|------|-------|-------|------|------|------|-----|-----|---------|-------|-------|--------|---------|---------|
| 384 | Walvax Biotechnology         | 300142-CN | 2.6  | 4,033 | 3,908 | 122% | -22% | -22% | 739 | 568 | 6.9 x   | 207   | 185   | 21.1 x | 0.83    | 3.1 x   |
| 385 | MoonLake Immunotherapeutics  | MLTX      | 50.9 | 3,052 | 2,648 | 28%  | -65% | -16% | 0   | 0   | -       | (53)  | (82)  | -      | 8.20    | 6.2 x   |
| 386 | Arcellx, Inc.                | ACLX-US   | 66.8 | 3,528 | 3,162 | 10%  | -61% | 22%  | 110 | 80  | 39.3 x  | (85)  | (115) | -      | 9.28    | 7.2 x   |
| 387 | Shenzhen Kangtai             | 300601-CN | 3.4  | 2,948 | 3,970 | 49%  | -24% | -12% | 458 | 518 | 7.7 x   | 75    | 215   | 18.4 x | 1.19    | 2.8 x   |
| 388 | Betta Pharmaceuticals        | 300558-CN | 6.1  | 2,534 | 2,788 | 80%  | -24% | -17% | 345 | 389 | 7.2 x   | 95    | 111   | 25.1 x | 1.74    | 3.5 x   |
| 389 | Zai Lab                      | 9688-HK   | 2.1  | 2,045 | 1,198 | 103% | -12% | -25% | 267 | 390 | 3.1 x   | (328) | (311) | -      | 0.82    | 2.5 x   |
| 390 | NewAmsterdam Pharma          | NAMS      | 23.5 | 2,101 | 1,523 | 12%  | -76% | 111% | 14  | 14  | 107.0 x | -     | (116) | -      | 3.50    | 6.7 x   |
| 391 | Tango Therapeutics           | TNGX      | 11.4 | 1,167 | 844   | 14%  | -78% | 16%  | 25  | 39  | 21.8 x  | (109) | (106) | -      | 2.72    | 4.2 x   |
| 392 | IMMATICS NV                  | IMTX      | 12.9 | 1,302 | 751   | 2%   | -54% | 23%  | 186 | 55  | 13.6 x  | 37    | (109) | -      | 3.10    | 4.2 x   |
| 393 | OmniAb, Inc.                 | OABI      | 5.9  | 687   | 616   | 14%  | -47% | -4%  | 59  | 38  | 16.3 x  | (4)   | (39)  | -      | 2.79    | 2.1 x   |
| 394 | OCULIS HOLDING AG            | OCS       | 12.0 | 439   | 323   | 21%  | -48% | 7%   | 1   | 10  | 32.0 x  | (87)  | (67)  | -      | 3.15    | 3.8 x   |
| 395 | PROCAPS GROUP SA             | PROC      | 3.0  | 336   | 607   | 81%  | -35% | -27% | 425 | 460 | 1.3 x   | 112   | 98    | 6.2 x  | 0.35    | 8.5 x   |
| 396 | Nuvation Bio Inc.            | NUVB      | 2.2  | 488   | (126) | 7%   | -57% | 48%  | 0   | 0   | -       | -     | -     | -      | 2.76    | 0.8 x   |
| 397 | AEON Biopharma, Inc.         | AEON      | 12.9 | 478   | 462   | 14%  | -74% | 78%  | -   | -   | -       | -     | -     | -      | (1.64)  | -7.8 x  |
| 398 | TriSalus Life Sciences, Inc. | TLSI      | 9.3  | 246   | 61    | 74%  | -64% | 10%  | 18  | 31  | 2.0 x   | -     | -     | -      | (0.49)  | -18.9 x |
| 399 | Conduit Pharmaceuticals      | CDT       | 2.6  | 191   | 17    | 865% | -63% | -43% | -   | -   | -       | -     | -     | -      | 2.73    | 0.9 x   |
| 400 | Reviva Pharmaceuticals, Inc. | RVPH      | 3.8  | 106   | 74    | 143% | -8%  | -26% | 0   | 0   | -       | -     | -     | -      | (0.41)  | -9.2 x  |
| 401 | ProKidney                    | PROK      | 1.6  | 108   | 1,226 | 781% | -30% | -10% | 0   | 0   | -       | (113) | (147) | -      | (17.74) | -0.1 x  |
| 402 | Carmell Therapeutics Corp.   | CTCX      | 3.3  | 76    | 65    | 302% | -49% | -13% | -   | -   | -       | -     | -     | -      | 7.90    | 0.4 x   |

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|     |                                          |      |      |     |      |       |      |      |     |     |          |      |       |   |        |         |
|-----|------------------------------------------|------|------|-----|------|-------|------|------|-----|-----|----------|------|-------|---|--------|---------|
| 403 | <a href="#">Apollomics Inc.</a>          | APLM | 0.8  | 68  | (47) | 6347% | -29% | -21% | -   | -   | -        | -    | -     | - | 8.69   | 0.1 x   |
| 404 | <a href="#">Celularity Inc.</a>          | CELU | 3.7  | 80  | 132  | 143%  | -57% | 48%  | -   | -   | -        | -    | -     | - | 1.56   | 2.3 x   |
| 405 | <a href="#">Clene Nanomedicine, Inc.</a> | CLNN | 0.4  | 50  | 40   | 270%  | -36% | 31%  | 0   | 1   | 71.4 x   | (48) | (41)  | - | 0.17   | 2.3 x   |
| 406 | <a href="#">The American Oncology</a>    | AONC | 6.0  | 57  | 61   | 560%  | -20% | 2%   | -   | -   | -        | -    | -     | - | 0.83   | 7.2 x   |
| 407 | <a href="#">SAB Biotherapeutics</a>      | SABS | 4.4  | 41  | 25   | 229%  | -17% | -36% | 24  | 1   | 19.5 x   | -    | -     | - | 2.92   | 1.5 x   |
| 408 | <a href="#">NKGen Biotech, Inc.</a>      | NKGN | 0.8  | 19  | 30   | 1417% | -8%  | -69% | -   | -   | -        | -    | -     | - | (0.35) | -2.4 x  |
| 409 | <a href="#">Estrella Biopharma, Inc.</a> | ESLA | 1.1  | 39  | 16   | 2999% | -19% | -4%  | -   | -   | -        | -    | -     | - | 0.26   | 4.1 x   |
| 410 | <a href="#">YS Biopharma</a>             | YS   | 0.4  | 81  | 81   | 4198% | -18% | -16% | 97  | 80  | 1.0 x    | (14) | -     | - | 0.83   | 0.5 x   |
| 411 | <a href="#">Dyadic International</a>     | DYAI | 1.4  | 40  | 32   | 71%   | -15% | -13% | 3   | 3   | 10.6 x   | -    | -     | - | 0.27   | 5.3 x   |
| 412 | <a href="#">NeuroRx, Inc.</a>            | NRXP | 0.4  | 40  | 38   | 174%  | -50% | -5%  | 0   | 0   | -        | -    | -     | - | (0.07) | -5.9 x  |
| 413 | <a href="#">FSD Pharma</a>               | HUGE | 0.9  | 35  | 31   | 133%  | -20% | 101% | -   | -   | -        | -    | -     | - | 0.38   | 2.4 x   |
| 414 | <a href="#">Calidi Biotherapeutics</a>   | CLDI | 0.6  | 22  | 22   | 2098% | -23% | -59% | -   | -   | -        | -    | -     | - | (0.03) | -20.3 x |
| 415 | <a href="#">EFFECTOR THERAPEUTICS</a>    | EFTR | 16.2 | 42  | 42   | 128%  | -48% | 39%  | 4   | 0   | -        | (32) | -     | - | (1.59) | -10.2 x |
| 416 | <a href="#">Vincera Pharma Inc.</a>      | VINC | 4.3  | 93  | 74   | 81%   | -86% | 267% | 0   | 0   | -        | -    | -     | - | 0.74   | 5.9 x   |
| 417 | <a href="#">Ocean Biomedical</a>         | AEHA | 2.0  | 68  | 78   | 504%  | -74% | 203% | -   | -   | -        | -    | -     | - | (0.25) | -8.1 x  |
| 418 | <a href="#">Coeptis Therapeutics</a>     | COEP | 0.5  | 18  | 17   | 305%  | -40% | -31% | -   | -   | -        | -    | -     | - | 0.15   | 3.6 x   |
| 419 | <a href="#">Alto Neuroscience</a>        | ANRO | 14.9 | 360 | 414  | 61%   | -14% | -    | 0   | 0   | -        | -    | -     | - | (1.50) | -9.9 x  |
| 420 | <a href="#">Fractyl Health</a>           | GUTS | 10.1 | 479 | 777  | 44%   | -31% | -    | 0   | 0   | -        | (51) | (74)  | - | (6.45) | -1.6 x  |
| 421 | <a href="#">ArriVent BioPharma</a>       | AVBP | 20.9 | 669 | 807  | 24%   | -12% | -    | (2) | (2) | -403.7 x | (73) | (113) | - | (4.15) | -5.1 x  |

|     |                         |      |      |       |       |      |      |     |    |   |           |      |       |   |        |         |
|-----|-------------------------|------|------|-------|-------|------|------|-----|----|---|-----------|------|-------|---|--------|---------|
| 422 | Kyverna Therapeutics    | KYTX | 27.8 | 1,196 | 1,213 | 26%  | -6%  | -   | 0  | 4 | 323.4 x   | (64) | (135) | - | (1.81) | -15.3 x |
| 423 | CG Oncology             | CGON | 44.0 | 2,924 | 2,868 | 14%  | -35% | -   | 0  | 1 | 3,823.5 x | (63) | (97)  | - | (1.22) | -35.9 x |
| 424 | Telomir Pharmaceuticals | TELO | 9.1  | 268   | 269   | 129% | -47% | -   | -  | - | -         | -    | -     | - | 0.07   | 123.0 x |
| 425 | Surrozen, Inc.          | SRZN | 13.3 | 27    | (12)  | 30%  | -66% | 41% | 13 | 0 | -         | (42) | -     | - | 22.34  | 0.6 x   |

|                     |                      |           | Price Performance |                  |                  |           |          |       | Sales     |           |          | EBITDA  |         |            | Book Value  |         |
|---------------------|----------------------|-----------|-------------------|------------------|------------------|-----------|----------|-------|-----------|-----------|----------|---------|---------|------------|-------------|---------|
|                     |                      |           | Price             | Mkt Cap (\$ Mns) | Ent Val (\$ Mns) | % to High | % to Low | % YTD | FY0       | FY1       | EV/Sales | FY0     | FY1     | EV/ EBITDA | Book/ Share | P/ Book |
| Peer Set            |                      |           |                   |                  |                  |           |          |       |           |           |          |         |         |            |             |         |
| Healthcare Services |                      | Ticker    |                   | 2,339,385        | 2,701,312        |           |          | 2%    | 2,230,145 | 2,416,116 | 1.1 x    | 181,111 | 190,827 | 14.2 x     |             | 5.3 x   |
| 426                 | UnitedHealth Group   | UNH-US    | 489.5             | 451,314          | 486,266          | 13%       | -9%      | -7%   | 371,622   | 400,997   | 1.2 x    | 36,796  | 40,297  | 12.1 x     | 96.06       | 5.1 x   |
| 427                 | Thermo Fisher        | TMO-US    | 576.3             | 219,762          | 252,095          | 4%        | -28%     | 9%    | 42,857    | 42,859    | 5.9 x    | 10,851  | 10,771  | 23.4 x     | 120.87      | 4.8 x   |
| 428                 | Danaher Corporation  | DHR-US    | 255.9             | 189,267          | 200,030          | 5%        | -29%     | 11%   | 23,890    | 24,059    | 8.3 x    | 7,504   | 7,630   | 26.2 x     | 72.36       | 3.5 x   |
| 429                 | Elevance Health      | ELV-US    | 499.1             | 116,127          | 131,236          | 4%        | -17%     | 6%    | 170,209   | 172,582   | 0.8 x    | 11,129  | 12,595  | 10.4 x     | 168.64      | 3.0 x   |
| 430                 | Zoetis Inc.          | ZTS-US    | 190.8             | 87,370           | 92,453           | 6%        | -21%     | -3%   | 8,544     | 9,177     | 10.1 x   | 3,513   | 4,009   | 23.1 x     | 10.90       | 17.5 x  |
| 431                 | Cigna Group          | CI-US     | 333.0             | 97,343           | 120,110          | 4%        | -28%     | 11%   | 195,322   | 233,880   | 0.5 x    | 11,875  | 12,818  | 9.4 x      | 158.03      | 2.1 x   |
| 432                 | HCA Healthcare,      | HCA-US    | 312.0             | 82,518           | 125,804          | 4%        | -31%     | 15%   | 64,968    | 69,007    | 1.8 x    | 12,726  | 13,240  | 9.5 x      | (6.68)      | -46.7 x |
| 433                 | McKesson Corporation | MCK-US    | 525.9             | 69,105           | 74,046           | 2%        | -37%     | 14%   | 276,711   | 311,073   | 0.2 x    | 5,217   | 5,322   | 13.9 x     | (15.67)     | -33.6 x |
| 434                 | Humana Inc.          | HUM-US    | 352.0             | 42,474           | 39,662           | 54%       | -4%      | -23%  | 106,374   | 111,052   | 0.4 x    | 5,457   | 4,023   | 9.9 x      | 133.05      | 2.6 x   |
| 435                 | IDEXX Laboratories   | IDXX-US   | 576.9             | 47,932           | 48,707           | 1%        | -35%     | 4%    | 3,661     | 4,000     | 12.2 x   | 1,220   | 1,368   | 35.6 x     | 17.88       | 32.3 x  |
| 436                 | SAMSUNG BIOLOGICS    | 207940-KR | 581.3             | 41,370           | 41,693           | 14%       | -16%     | -2%   | 2,765     | 3,203     | 13.0 x   | 1,146   | 1,246   | 33.5 x     | 103.72      | 5.6 x   |
| 437                 | Cencora, Inc.        | COR-US    | 237.0             | 47,283           | 50,627           | 1%        | -38%     | 15%   | 262,173   | 291,824   | 0.2 x    | 4,296   | 4,230   | 12.0 x     | 4.57        | 51.9 x  |
| 438                 | IQVIA Holdings       | IQV-US    | 252.5             | 45,820           | 58,336           | 2%        | -34%     | 9%    | 14,984    | 15,523    | 3.8 x    | 3,569   | 3,747   | 15.6 x     | 33.67       | 7.5 x   |
| 439                 | Centene Corporation  | CNC-US    | 78.0              | 41,709           | 42,717           | 4%        | -22%     | 5%    | 153,999   | 146,094   | 0.3 x    | 4,908   | 4,588   | 9.3 x      | 48.35       | 1.6 x   |
| 440                 | Agilent Technologies | A-US      | 139.1             | 40,750           | 42,059           | 6%        | -30%     | 0%    | 6,826     | 6,763     | 6.2 x    | 2,025   | 2,009   | 20.9 x     | 21.12       | 6.6 x   |

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|     |                              |           |         |        |        |      |      |      |         |         |        |       |       |        |         |         |
|-----|------------------------------|-----------|---------|--------|--------|------|------|------|---------|---------|--------|-------|-------|--------|---------|---------|
| 441 | Lonza Group                  | LONN-CH   | 526.1   | 39,176 | 40,027 | 26%  | -35% | 25%  | 7,782   | 7,456   | 5.4 x  | 2,271 | 2,073 | 19.3 x | 157.56  | 3.3 x   |
| 442 | Dr. Sulaiman                 | 4013-SA   | 87.8    | 30,742 | 31,483 | 5%   | -32% | 16%  | 2,589   | 3,167   | 9.9 x  | 667   | 752   | 41.9 x | 4.94    | 17.8 x  |
| 443 | Mettler-Toledo International | MTD-US    | 1,268.0 | 27,235 | 29,334 | 27%  | -27% | 5%   | 3,788   | 3,827   | 7.7 x  | 1,206 | 1,241 | 23.6 x | (6.97)  | 182.0 x |
| 444 | Cardinal Health              | CAH-US    | 113.4   | 27,575 | 28,487 | 2%   | -40% | 12%  | 205,012 | 226,823 | 0.1 x  | 2,313 | 2,857 | 10.0 x | (14.14) | -8.0 x  |
| 445 | ICON plc                     | ICLR-US   | 325.5   | 26,798 | 30,701 | 6%   | -44% | 15%  | 8,120   | 8,640   | 3.6 x  | 1,694 | 1,843 | 16.7 x | 112.02  | 2.9 x   |
| 446 | STERIS plc                   | STE-US    | 232.8   | 23,001 | 26,430 | 9%   | -26% | 6%   | 4,958   | 5,464   | 4.8 x  | 1,437 | 1,488 | 17.8 x | 64.93   | 3.6 x   |
| 447 | Molina Healthcare            | MOH-US    | 387.2   | 22,613 | 19,271 | 6%   | -34% | 7%   | 34,072  | 39,302  | 0.5 x  | 1,826 | 2,081 | 9.3 x  | 72.67   | 5.3 x   |
| 448 | Laboratory Corp.             | LH        | 218.0   | 18,334 | 23,912 | 12%  | -11% | -4%  | 12,162  | 12,765  | 1.9 x  | 2,106 | 2,221 | 10.8 x | 93.86   | 2.3 x   |
| 449 | Laboratory Corporation       | LH-US     | 218.0   | 18,334 | 23,912 | 12%  | -11% | -4%  | 12,162  | 12,765  | 1.9 x  | 2,106 | 2,221 | 10.8 x | 93.86   | 2.3 x   |
| 450 | Waters Corporation           | WAT-US    | 346.0   | 20,486 | 22,732 | 2%   | -33% | 5%   | 2,956   | 2,981   | 7.6 x  | 1,062 | 1,076 | 21.1 x | 19.44   | 17.8 x  |
| 451 | Zhangzhou Pientzehuag        | 600436-CN | 31.0    | 18,720 | 18,574 | 49%  | -19% | -9%  | 1,269   | 1,406   | 13.2 x | 431   | 485   | 38.3 x | 3.00    | 10.4 x  |
| 452 | AIER Eye Hospital            | 300015-CN | 2.0     | 18,725 | 18,284 | 82%  | -15% | -9%  | 2,328   | 2,876   | 6.4 x  | 693   | 808   | 22.6 x | 0.28    | 7.1 x   |
| 453 | Fresenius SE                 | FRE-DE    | 28.0    | 15,746 | 42,395 | 20%  | -12% | -9%  | 24,095  | 25,059  | 1.7 x  | 3,917 | 4,068 | 10.4 x | 38.88   | 0.7 x   |
| 454 | Avantor, Inc.                | AVTR-US   | 25.0    | 16,957 | 22,304 | 3%   | -33% | 10%  | 6,967   | 6,976   | 3.2 x  | 1,308 | 1,232 | 18.1 x | 7.76    | 3.2 x   |
| 455 | Quest Diagnostics            | DGX-US    | 124.7   | 13,803 | 18,722 | 19%  | -4%  | -10% | 9,252   | 9,401   | 2.0 x  | 1,816 | 1,909 | 9.8 x  | 56.82   | 2.2 x   |
| 456 | Sartorius AG                 | SRT3-DE   | 381.1   | 14,268 | 32,283 | 18%  | -40% | 13%  | 3,687   | 3,970   | 8.1 x  | 1,025 | 1,196 | 27.0 x | 32.70   | 11.7 x  |
| 457 | Rede D'Or                    | RDOR3-BR  | 5.1     | 11,763 | 13,138 | 55%  | -27% | -12% | 4,385   | 9,765   | 1.3 x  | 1,017 | 1,379 | 9.5 x  | 2.03    | 2.5 x   |
| 458 | Wuxi Biologics               | 2269-HK   | 2.4     | 10,226 | 9,889  | 209% | -22% | -37% | 2,236   | 2,339   | 4.2 x  | 863   | 806   | 12.3 x | 1.22    | 2.0 x   |
| 459 | Bangkok Dusit                | BDMS-TH   | 0.8     | 12,378 | 12,763 | 17%  | -11% | -4%  | 2,802   | 3,035   | 4.2 x  | 678   | 726   | 17.6 x | 0.17    | 4.7 x   |

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|     |                      |           |       |        |        |     |      |      |        |        |        |       |       |        |       |        |
|-----|----------------------|-----------|-------|--------|--------|-----|------|------|--------|--------|--------|-------|-------|--------|-------|--------|
| 460 | Eurofins Scientific  | ERF-FR    | 60.2  | 11,614 | 15,716 | 19% | -21% | -7%  | 7,067  | 7,667  | 2.0 x  | 1,480 | 1,608 | 9.8 x  | 22.98 | 2.6 x  |
| 461 | Charles River        | CRL-US    | 264.4 | 13,576 | 16,361 | 2%  | -39% | 12%  | 4,129  | 4,225  | 3.9 x  | 1,009 | 1,091 | 15.0 x | 70.06 | 3.8 x  |
| 462 | Fresenius Medical    | FME-DE    | 38.6  | 11,328 | 24,270 | 43% | -17% | -8%  | 21,056 | 21,485 | 1.1 x  | 3,581 | 3,740 | 6.5 x  | 50.23 | 0.8 x  |
| 463 | Divi's Laboratories  | 532488-IN | 42.0  | 11,139 | 10,706 | 17% | -21% | -11% | 940    | 926    | 11.6 x | 288   | 258   | 41.4 x | 5.76  | 7.3 x  |
| 464 | Yunnan Baiyao        | 000538-CN | 7.0   | 11,816 | 11,134 | 23% | -11% | 2%   | 5,310  | 5,557  | 2.0 x  | 558   | 750   | 14.9 x | 3.11  | 2.3 x  |
| 465 | IHH Healthcare       | 5225-MY   | 1.3   | 11,396 | 13,606 | 5%  | -6%  | -1%  | 4,412  | 4,660  | 2.9 x  | 1,098 | 1,020 | 13.3 x | 0.70  | 1.9 x  |
| 466 | Apollo Hospitals     | 508869-IN | 73.4  | 10,549 | 11,008 | 13% | -31% | 7%   | 2,007  | 2,308  | 4.8 x  | 248   | 294   | 37.4 x | 5.46  | 13.4 x |
| 467 | Repligen Corporation | RGEN-US   | 195.5 | 10,904 | 10,692 | 8%  | -44% | 9%   | 599    | 640    | 16.7 x | 128   | 125   | 85.6 x | 35.35 | 5.5 x  |
| 468 | Bruker Corporation   | BRKR-US   | 88.3  | 12,160 | 13,714 | 3%  | -39% | 20%  | 2,965  | 3,250  | 4.2 x  | 615   | 658   | 20.8 x | 9.49  | 9.3 x  |
| 469 | Sonic Healthcare     | SHL-AU    | 19.0  | 9,101  | 10,724 | 30% | -6%  | -13% | 5,246  | 5,766  | 1.9 x  | 1,097 | 1,098 | 9.8 x  | 10.54 | 1.8 x  |
| 470 | Henry Schein         | HSIC-US   | 76.9  | 9,880  | 13,508 | 12% | -22% | 2%   | 12,339 | 13,380 | 1.0 x  | 984   | 1,154 | 11.7 x | 28.28 | 2.7 x  |
| 471 | Universal Health     | UHS-US    | 171.1 | 10,262 | 16,846 | 4%  | -34% | 12%  | 14,282 | 15,411 | 1.1 x  | 1,742 | 1,955 | 8.6 x  | 91.53 | 1.9 x  |
| 472 | Catalent, Inc        | CTLT-US   | 57.2  | 10,336 | 15,080 | 30% | -45% | 27%  | 4,276  | 4,379  | 3.4 x  | 714   | 713   | 21.2 x | 20.41 | 2.8 x  |
| 473 | Medpace Holdings     | MEDP-US   | 404.2 | 12,434 | 12,471 | 4%  | -59% | 32%  | 1,886  | 2,190  | 5.7 x  | 362   | 418   | 29.8 x | 18.22 | 22.2 x |
| 474 | Chongqing Zhifei     | 300122-CN | 7.4   | 10,463 | 17,878 | 33% | -23% | -15% | 5,568  | 6,892  | 2.6 x  | 1,355 | 1,518 | 11.8 x | 1.74  | 4.2 x  |
| 475 | Chemed Corporation   | CHE-US    | 613.8 | 9,279  | 9,208  | 6%  | -20% | 5%   | 2,264  | 2,423  | 3.8 x  | 452   | 515   | 17.9 x | 73.69 | 8.3 x  |
| 476 | Max Healthcare       | 543220-IN | 8.9   | 8,632  | 8,496  | 23% | -43% | 7%   | 716    | 828    | 10.3 x | 190   | 222   | 38.3 x | 0.97  | 9.1 x  |
| 477 | Tenet Healthcare     | THC-US    | 94.3  | 9,429  | 27,129 | 4%  | -47% | 25%  | 20,548 | 20,275 | 1.3 x  | 3,541 | 3,395 | 8.0 x  | 16.09 | 5.9 x  |
| 478 | Shimadzu Corporation | 7701-JP   | 27.5  | 8,155  | 7,103  | 20% | -16% | -1%  | 3,587  | 3,423  | 2.1 x  | 637   | 612   | 11.6 x | 10.30 | 2.7 x  |

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|     |                        |           |         |       |        |     |      |      |       |        |       |       |       |        |        |       |
|-----|------------------------|-----------|---------|-------|--------|-----|------|------|-------|--------|-------|-------|-------|--------|--------|-------|
| 479 | Acadia Healthcare      | ACHC-US   | 84.0    | 7,751 | 9,172  | 5%  | -21% | 8%   | 2,929 | 3,221  | 2.8 x | 678   | 742   | 12.4 x | 30.48  | 2.8 x |
| 480 | Ramsay Health          | RHC-AU    | 35.6    | 8,163 | 16,184 | 31% | -16% | 0%   | 9,892 | 11,019 | 1.5 x | 1,291 | 1,400 | 11.6 x | 13.06  | 2.7 x |
| 481 | Elanco Animal          | ELAN-US   | 16.0    | 7,902 | 13,440 | 5%  | -51% | 8%   | 4,417 | 4,500  | 3.0 x | 979   | 986   | 13.6 x | 12.63  | 1.3 x |
| 482 | China Resources        | 000999-CN | 7.5     | 7,447 | 7,574  | 32% | -27% | 9%   | 2,625 | 3,598  | 2.1 x | 496   | 582   | 13.0 x | 2.63   | 2.9 x |
| 483 | Amplifon SpA           | AMP-IT    | 34.0    | 7,700 | 9,202  | 16% | -24% | -1%  | 2,261 | 2,482  | 3.7 x | 561   | 593   | 15.5 x | 5.13   | 6.6 x |
| 484 | Huadong Medicine       | 000963-CN | 4.6     | 8,118 | 8,202  | 56% | -17% | -21% | 5,483 | 5,740  | 1.4 x | 570   | 608   | 13.5 x | 1.61   | 2.9 x |
| 485 | Ensign Group,          | ENSG-US   | 121.9   | 6,908 | 8,310  | 5%  | -30% | 9%   | 3,730 | 4,147  | 2.0 x | 420   | 479   | 17.4 x | 26.36  | 4.6 x |
| 486 | Mouwasat Medical       | 4002-SA   | 32.9    | 6,581 | 6,798  | 12% | -25% | 10%  | 621   | 709    | 9.6 x | 227   | 271   | 25.0 x | 4.13   | 8.0 x |
| 487 | Hapvida Participacoes  | HAPV3-BR  | 0.8     | 5,667 | 7,424  | 49% | -50% | -18% | 4,592 | 5,570  | 1.3 x | 417   | 574   | 12.9 x | 1.32   | 0.6 x |
| 488 | Dechra Pharmaceuticals | DPH-GB    | 48.9    | 5,572 | 6,120  | 9%  | -39% | -1%  | 930   | 1,082  | 5.7 x | 249   | -     | -      | 8.39   | 5.8 x |
| 489 | Bumrungrad Hospital    | BH-TH     | 6.3     | 4,996 | 4,754  | 20% | -6%  | -3%  | 714   | 760    | 6.3 x | 267   | 284   | 16.8 x | 0.82   | 7.6 x |
| 490 | Bachem Holding         | BANB-CH   | 79.3    | 5,945 | 5,611  | 50% | -22% | 3%   | 565   | 629    | 8.9 x | 171   | 180   | 31.2 x | 18.95  | 4.2 x |
| 491 | Tecan Group            | TECN-CH   | 395.5   | 5,055 | 5,037  | 17% | -30% | -3%  | 1,253 | 1,218  | 4.1 x | 245   | 237   | 21.2 x | 119.37 | 3.3 x |
| 492 | Shijiazhuang Yiling    | 002603-CN | 3.0     | 5,001 | 5,103  | 61% | -17% | -8%  | 1,811 | 1,474  | 3.5 x | 452   | 322   | 15.8 x | 0.99   | 3.0 x |
| 493 | Ypsomed Holding        | YPSN-CH   | 412.4   | 5,629 | 5,813  | 3%  | -53% | 15%  | 562   | 629    | 9.2 x | 163   | 198   | 29.4 x | 47.80  | 8.6 x |
| 494 | Dong-E-E-Jiao Co.      | 000423-CN | 8.1     | 5,242 | 4,160  | 6%  | -25% | 17%  | 594   | 659    | 6.3 x | 149   | 181   | 23.0 x | 2.24   | 3.6 x |
| 495 | Siegfried Holding      | SFZN-CH   | 1,022.5 | 4,569 | 4,940  | 3%  | -33% | 5%   | 1,445 | 1,483  | 3.3 x | 302   | 327   | 15.1 x | 193.96 | 5.3 x |
| 496 | Sotera Health          | SHC-US    | 14.6    | 4,118 | 6,192  | 33% | -15% | -14% | 1,049 | 1,098  | 5.6 x | 528   | 556   | 11.1 x | 1.57   | 9.3 x |
| 497 | Hubei Jumpcan          | 600566-CN | 5.2     | 4,748 | 3,474  | 6%  | -36% | 17%  | 1,309 | 1,319  | 2.6 x | 397   | 438   | 7.9 x  | 1.89   | 2.7 x |

|     |                 |           |      |       |        |      |      |      |       |       |        |       |       |        |        |        |
|-----|-----------------|-----------|------|-------|--------|------|------|------|-------|-------|--------|-------|-------|--------|--------|--------|
| 498 | Gland Pharma    | 543245-IN | 21.5 | 3,549 | 3,334  | 23%  | -52% | -7%  | 438   | 684   | 4.9 x  | 126   | 165   | 20.3 x | 6.08   | 3.5 x  |
| 499 | SK bioscience   | 302440-KR | 46.1 | 3,543 | 2,609  | 48%  | -8%  | -18% | 264   | 175   | 14.9 x | 16    | (15)  | -      | 16.85  | 2.7 x  |
| 500 | WuXi AppTec     | 2359-HK   | 6.4  | 2,584 | 18,128 | 106% | -27% | -33% | 5,725 | 5,586 | 3.2 x  | 1,703 | 1,946 | 9.3 x  | 2.39   | 2.7 x  |
| 501 | Chongqing Taiji | 600129-CN | 5.3  | 2,925 | 3,370  | 83%  | -21% | -20% | 2,045 | 2,353 | 1.4 x  | 159   | 220   | 15.3 x | 0.95   | 5.5 x  |
| 502 | biote Corp.     | BTMD-US   | 5.8  | 198   | 227    | 41%  | -37% | 18%  | 165   | 185   | 1.2 x  | 50    | 55    | 4.2 x  | (1.14) | -5.1 x |

## IMPORTANT DISCLOSURES

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