

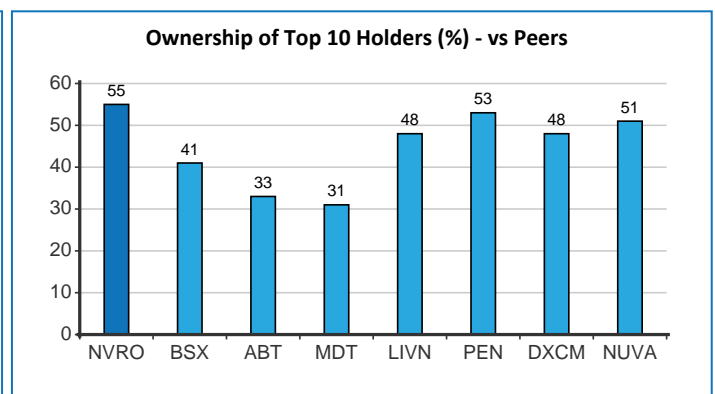
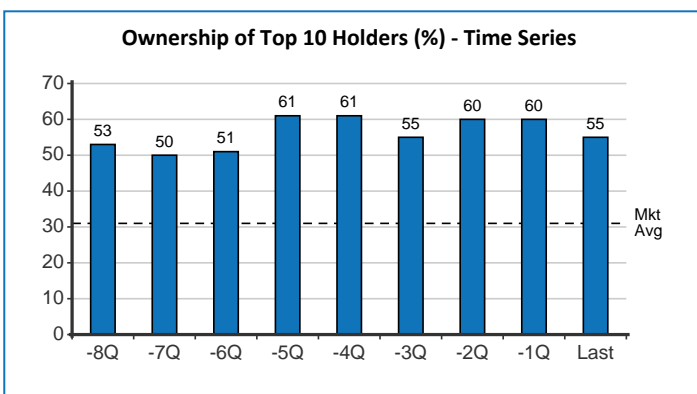
## Intro-act Ownership Score: 3.5 / 5.0

Concentration is an important factor to analyze as it influences liquidity. Lower concentration is better. Intro-act uses the top 10 holders as a percentage of shares outstanding to measure concentration, which inherently suggests many smaller capitalized stocks are highly concentrated. Key factors: absolute concentration level relative to peers, trend over time, predicted action of top 10 owners (buy vs. sell), and large owner characterization.

**CONCENTRATION - Top Holders:** The top 10 owners of NVRO owned 55% of total shares outstanding, which is 1 point lower than the 8-quarter rolling average. NVRO's ownership concentration compares to 44% across peers and 31% across the Russell 3000. Collectively, Intro-act expects top holders to be net sellers over the next 90 days. Common characteristics of top holders include: Large investors. The strongest relative regions are NY/NJ/CT and Europe.



Intro-act Score: 1.0

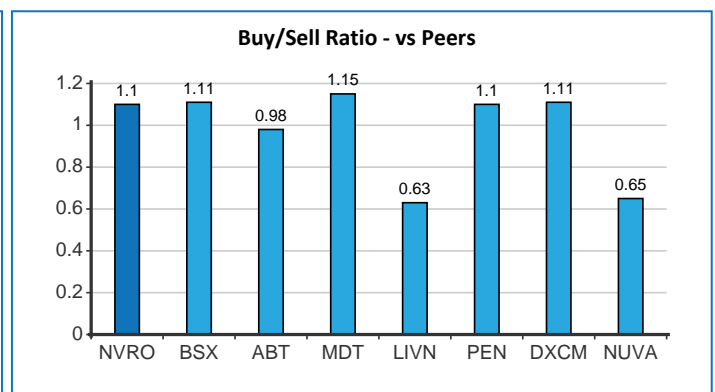
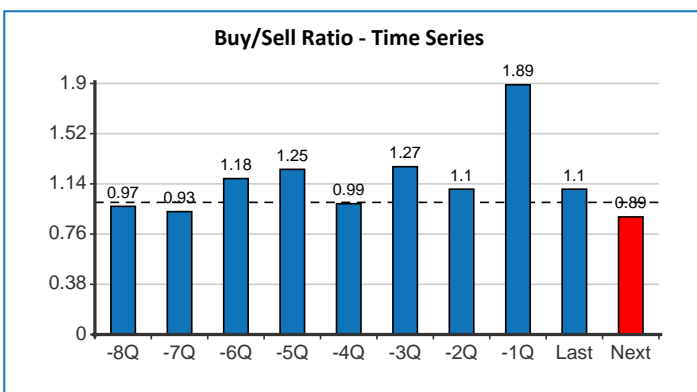


Directionality is an important factor when preparing the messaging and timing of marketing. Intro-act uses the ratio of the number of buyers divided by the number of sellers to measure directionality, thus a higher buy/sell ratio is better. We treat each institution equally, rather than weighting buyers by share count, as this is largely reflected in share price. Key factors: absolute ratio (relative to 1, an equal number of buyers and sellers), ratio relative to peers to understand sector rotation vs. stock specific action, trend over time, and, most importantly, predicted action over the next 90 days.

**DIRECTIONALITY - Owners' Trade Flow:** In 4Q20, Intro-act expects there will be 107 investors who add to their position vs. 120 investors who reduce their position in NVRO. This represents a 0.89 buy/sell ratio (vs. 1.10 in the previous quarter) compared to 0.73 for NVRO's closest peers and 0.68 for the market.



Intro-act Score: 4.0

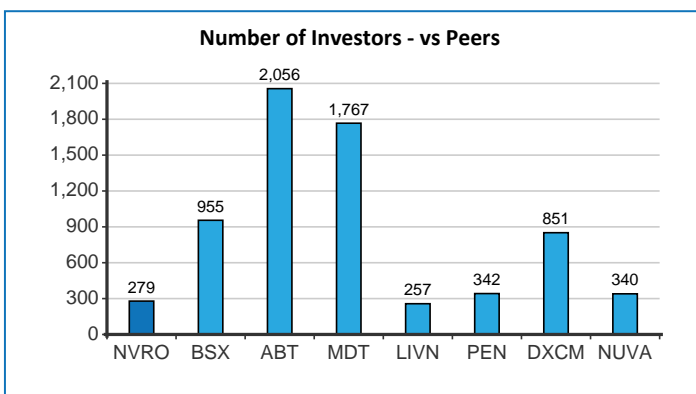
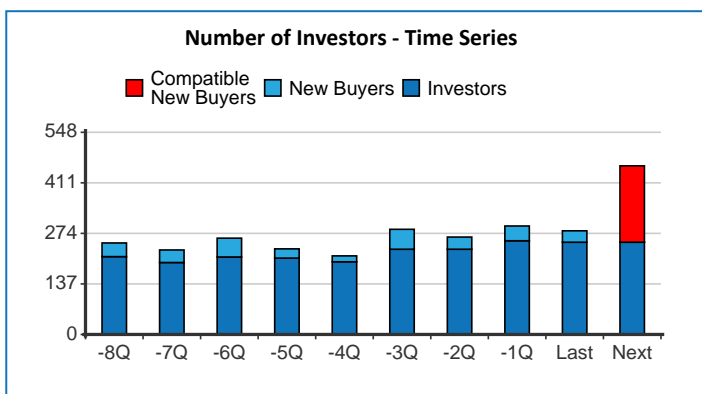


Breadth is an important factor to analyze how effective a company is at reaching new investors and having an investment message that is broadly understood and endorsed. Intro-act uses the total number of institutional holders to measure breadth. Having more investors is inherently better as it promotes liquidity. Peer selection is critical as smaller companies tend to have fewer owners. Key factors: absolute number of owners relative to peers, trend over time, number of new buyers, and predicted change in number of owners.

**BREADTH – Number of Owners:** In 4Q20, Intro-act expects there to be 457 institutional owners vs. 256 from the 8-quarter rolling average, suggesting breadth of ownership is increasing. NVRO's average peer has 1277 institutional owners. Additionally, Intro-act has identified 207 potential new buyers that we rate as compatible to become a NVRO shareholder. This compares to 399 potential new buyers for NVRO's peers.



Intro-act Score: 4.0

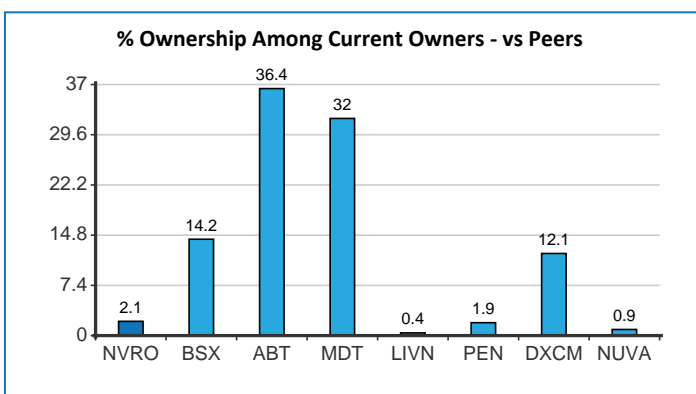
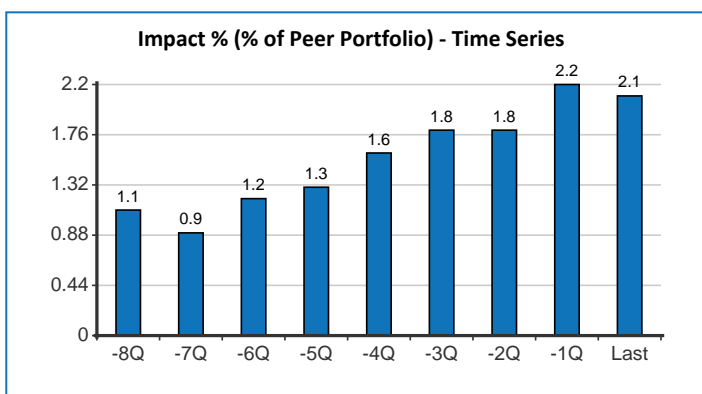


Impact is an important factor to determine investors' trading behavior in the context of sector rotation vs. company specific drivers. Intro-act aggregates the portfolio across all of a specific company's existing owners. Then it calculates the percent of the portfolio allocated to that specific company relative to its peers, which is called the Intro-act Impact %. The higher the impact % the better, which is monitored on a time series basis (over time), as well as relative to the index weighting, which demonstrates the degree to which current owners are overweight/underweight a specific company. Key factors: absolute impact % trend over time (to evaluate sector rotation vs. company- specific action), and relative impact vs. an index weighting.

**IMPACT - Size Relative to Peers:** In 3Q20, the 279 institutional investors that owned NVRO had a 2.1% weighting of NVRO shares relative to its seven closest peers. This compares to an 8-quarter rolling average of 1.5%, suggesting NVRO's current owners are increasing their exposure to NVRO relative to its peers.



Intro-act Score: 5.0

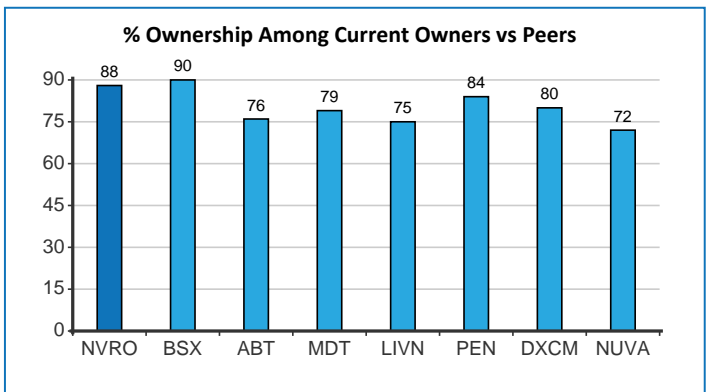
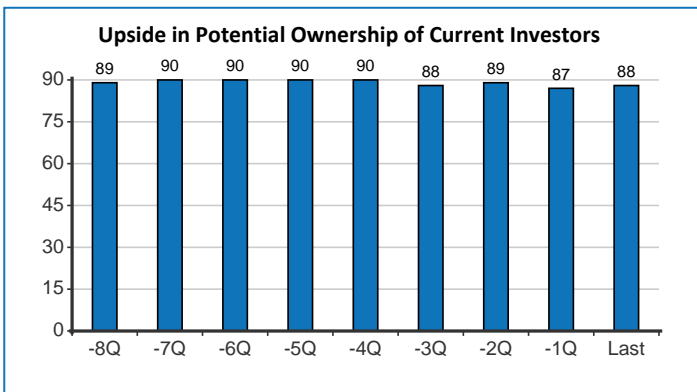


Depth is an important factor to analyze how much buying support can come from current investors. Intro-act uses the metric of Buying Potential, which is a simple average of three methods (largest prior position, largest peer position, and index weight) to calculate the theoretical upside in ownership across existing owners. Buying potential is the % difference between current ownership and potential ownership. The lower the buying potential upside, the more mature your ownership, which could suggest less support if the stock was to come under pressure. Key factors: absolute buying potential relative to peers and trend over time.

**DEPTH – Owners’ Position Size:** Buying power represents the optimal amount that each of NVRO’s current investors could own of its stock. It is based on prior ownership, an index weighting and the largest position of peer companies. Intro-act’s analytics suggest NVRO’s current owners could grow their position by 88% on average, as compared with the 8-quarter rolling average of 89%. This compares to the 89% average incremental buying power across NVRO’s closest peers.



Intro-act Score: 3.0

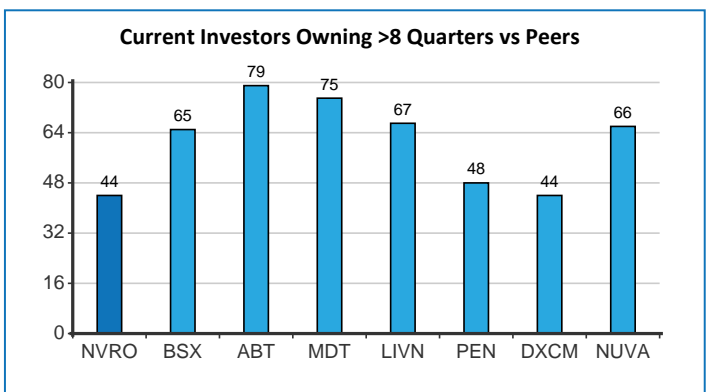
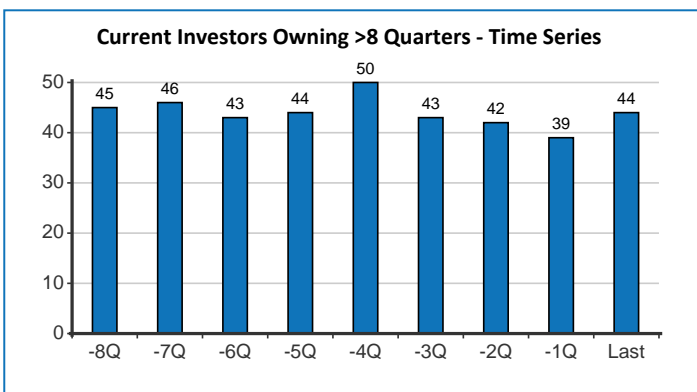


Duration is an important factor to analyze how effective a company is at maintaining owners (investors) vs. renters (traders) of their stock. Intro-act believes that unlike the other five factors, investor duration is not a metric to optimize, but rather track and be aware. A healthy mix of investors and traders can lower volatility while maximizing appreciation from accomplishing milestones. Specifically, when a stock reaches a milestone or a trading catalyst, understanding this ratio helps manage expectations around stock volatility. Key factors: number of investors that have held position >8 quarters, and how the make-up of owners compares to peers.

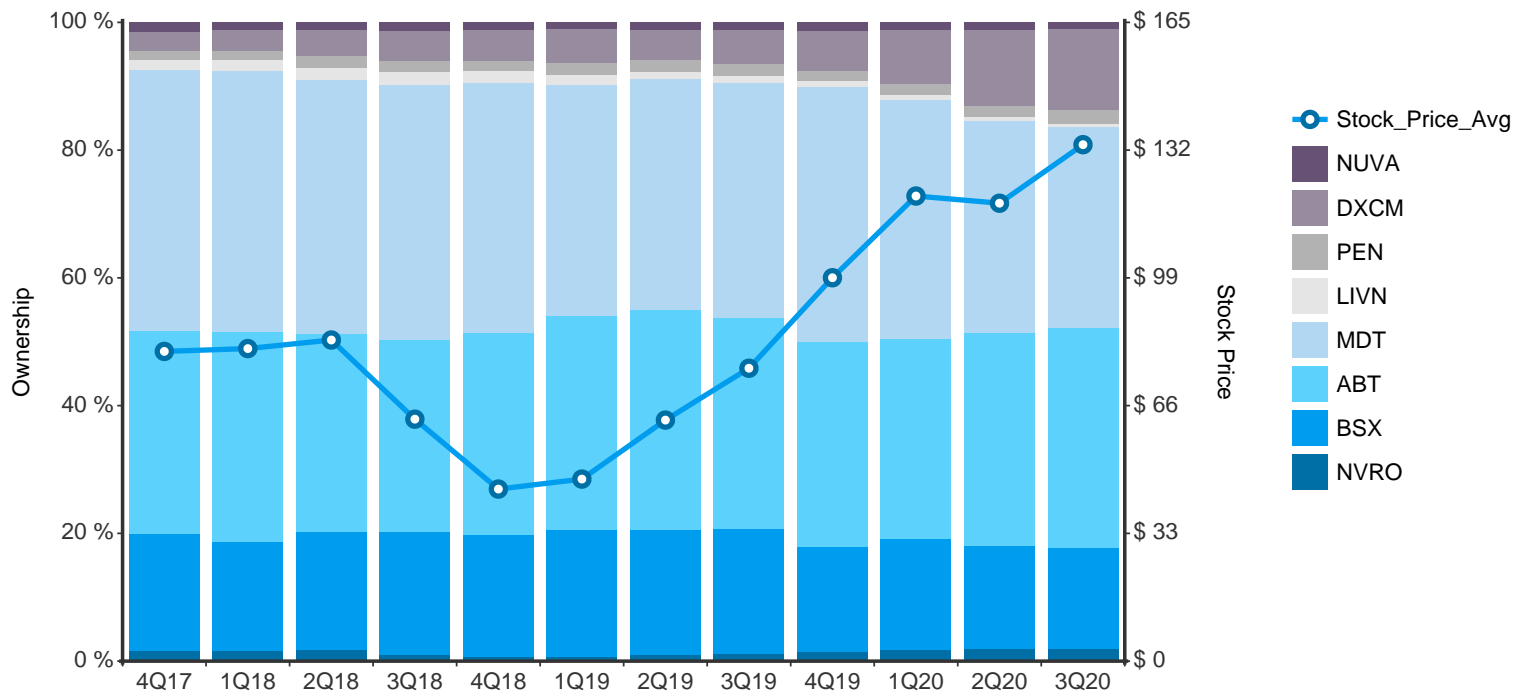
**DURATION – Owners’ Time:** In 3Q20, 44% of institutional investors were NVRO shareholders for >8 quarters (vs. 64% for its peers and 50% for the market). 53% of current owners increased their positions in NVRO relative to their average position over the last 8 quarters (vs. 48% for its peers and 43% for the market). Intro-act scores 59% of institutional shareholders as NVRO owners (holders for >4 quarters) vs. 41% renters (<4 quarters).



Intro-act Score: 4.0



## Ownership vs. Peers Across NVRO's Current Institutional Owners



## Expected Action Over The Next 90 Days of Current Institutional Owners vs. Peers

	NVRO	Mkt Avg	Peer Avg	BSX	ABT	MDT	LIVN	PEN	DXCM	NUVA
<b>Institutional Owners (3Q20)</b>	<b>279</b>	<b>226</b>	<b>938</b>	<b>955</b>	<b>2056</b>	<b>1767</b>	<b>257</b>	<b>342</b>	<b>851</b>	<b>340</b>
Adds	132	75	415	437	877	827	86	157	402	116
Sellers	120	123	404	395	896	718	137	143	361	178
Holders	27	28	120	123	283	222	34	42	88	46
<b>Buy/Sell Ratio</b>	<b>1.10</b>	<b>0.61</b>	<b>1.03</b>	<b>1.11</b>	<b>0.98</b>	<b>1.15</b>	<b>0.63</b>	<b>1.10</b>	<b>1.11</b>	<b>0.65</b>
<b>Predictions (4Q20)</b>	<b>457</b>	<b>390</b>	<b>1277</b>	<b>1360</b>	<b>2505</b>	<b>2271</b>	<b>401</b>	<b>547</b>	<b>1329</b>	<b>523</b>
New (Compatible)	207	155	399	470	533	586	179	241	551	236
Adds	107	79	332	339	772	636	64	127	312	76
Sellers	120	117	428	438	930	827	127	141	368	168
Holders	23	39	116	113	270	222	31	38	98	43
<b>Buy/Sell Ratio</b>	<b>0.89</b>	<b>0.68</b>	<b>0.73 *</b>	<b>0.77</b>	<b>0.83</b>	<b>0.77</b>	<b>0.50</b>	<b>0.90</b>	<b>0.85</b>	<b>0.45</b>

Note: The Buy/Sell Ratio for peers is calculated on an equal weighted basis across peers, rather than a weighted basis.

	NVRO	Mkt Avg	Peer Avg	BSX	ABT	MDT	LIVN	PEN	DXCM	NUVA
<b>Active vs. Passive</b>										
Active	94.6	95.7	97.4	97.2	98.3	98.1	94.6	94.7	96.8	95.3
Passive	5.4	4.3	2.6	2.8	1.7	1.9	5.4	5.3	3.2	4.7
<b>Size of Investor (by AUM)</b>										
< \$500 Mn	30.5	34.1	37.6	37.7	40.6	40.0	31.9	29.8	33.5	28.5
\$500 Mn - \$2Bn	5.7	12.7	17.8	11.2	24.6	21.8	4.3	8.2	13.3	6.5
\$2Bn - 10Bn	12.9	14.6	15.9	15.6	15.8	16.2	11.3	14.3	18.1	14.7
>10Bn	50.9	38.6	28.7	35.5	19.1	21.9	52.5	47.7	35.1	50.3
<b>Investor Type</b>										
Bank Investment Division	1.1	0.5	0.2	0.2	0.1	0.2	0.8	0.6	0.2	0.6
Broker/ Research Firm	3.2	3.6	1.9	2.5	1.2	1.4	3.5	2.9	2.8	2.9
Family Office	0.4	0.4	0.2	0.2	0.2	0.3	0.0	0.3	0.1	0.3
Foundation/Endowment Manager	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Fund of Funds Managers	0.7	0.4	0.3	0.4	0.3	0.2	0.4	0.6	0.4	0.3
Hedge Fund Manager	16.5	8.8	6.9	10.1	4.0	4.8	14.4	11.1	8.0	12.9
Insurance Company	0.4	0.8	0.9	0.9	0.9	1.0	0.4	0.9	0.9	0.9
Investment Adviser	57.7	61.6	61.6	62.2	61.0	62.7	55.3	59.6	62.7	61.2
Mutual Fund Manager	8.2	5.9	5.2	5.9	3.4	4.9	8.9	9.1	6.8	5.9
Pension Fund Manager	4.3	3.8	3.6	4.6	2.1	2.5	7.8	7.3	4.7	6.5
Private Banking/Wealth Mgmt	7.5	14.3	19.0	12.9	26.7	22.0	8.6	7.6	13.2	8.5
Real Estate Manager	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sovereign Wealth Manager	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0
<b>Investor Style</b>										
Aggressive Growth	6.1	3.4	4.6	4.7	4.2	3.3	2.7	7.3	7.9	3.8
Growth	78.5	74.5	72.4	74.3	69.6	70.3	78.6	76.3	75.2	78.8
GARP	1.1	3.0	4.7	3.8	6.1	6.1	1.2	1.5	2.9	2.4
Passive / Index	5.4	4.3	2.6	2.8	1.7	1.9	5.4	5.3	3.2	4.7
Value	5.0	6.8	6.3	6.0	6.3	6.9	8.6	5.3	5.2	6.8
Deep Value	1.1	0.7	0.4	0.5	0.5	0.6	0.0	0.0	0.1	0.3
Income	0.7	3.0	3.6	2.2	4.7	5.5	1.2	1.2	1.5	1.5
Other	2.2	4.2	5.4	5.7	7.1	5.4	2.3	3.2	4.0	1.8
<b>Region</b>										
California	7.2	7.6	7.4	6.1	8.5	7.1	6.6	7.6	7.1	7.9
Chicago	6.1	6.9	7.0	5.7	7.3	7.0	6.2	8.5	7.5	6.8
Mid-Atlantic	9.3	10.5	11.3	8.7	12.9	12.6	9.7	9.9	9.6	9.7
Midwest	5.7	7.6	7.4	7.0	7.4	8.0	6.2	6.7	6.3	8.2
Mountain	1.4	1.8	2.2	1.9	2.5	2.0	1.9	2.6	2.2	1.8
New England	7.5	7.5	7.6	7.7	8.5	8.0	4.7	6.7	6.0	6.8
NY/CT/NJ	32.3	23.5	18.8	21.0	16.4	16.0	27.6	25.4	18.9	27.6
South	4.3	7.2	8.2	5.5	10.2	9.5	5.1	6.4	6.1	5.3
Texas	2.5	3.1	3.3	2.6	3.8	3.5	2.3	2.3	3.1	2.9
West	2.5	3.2	3.3	2.4	3.9	3.2	3.5	2.0	3.1	4.1
Canada	3.2	3.8	3.2	4.5	2.6	3.2	2.3	3.2	3.4	2.9
Europe	14.3	13.1	15.3	19.3	12.2	15.4	19.8	14.3	18.6	12.1
Other	3.6	4.1	5.1	7.5	3.8	4.5	3.9	4.1	8.1	3.8

S.No	Firm Name	Potential (Shrs)	Last Owned Date	Sector/Mkt	Peer Exposure
1	ACADIAN ASSET MANAGEMENT LLC	1.44 M	4Q16	OW	MDT,ABT,DXCM,BSX
2	RTW INVESTMENTS LP	1.34 M	4Q14	OW	
3	FIERA CAPITAL CORP. (INVESTMENT MANAGEMENT)	1.18 M		OW	DXCM,ABT,MDT
4	NEUBERGER BERMAN INVESTMENT ADVISERS LLC	879,754	2Q18	UW	MDT,DXCM,BSX,ABT,PEN
5	FIL INVESTMENT ADVISORS (UK) LTD.	817,461	4Q19	UW	BSX,ABT,LIVN,MDT,DXCM
6	SCHRODER INVESTMENT MANAGEMENT LTD.	622,077		OW	ABT,BSX,MDT,DXCM
7	MARSHALL WACE LLP	604,871	1Q19	OW	MDT,BSX,ABT,LIVN,PEN
8	1919 INVESTMENT COUNSEL LLC	596,269		OW	BSX,ABT,DXCM,MDT
9	JS CAPITAL MANAGEMENT LLC	542,756		UW	
10	DEKA INVESTMENT GMBH	531,850	1Q19	OW	ABT,MDT,BSX,DXCM
11	ADAGE CAPITAL MANAGEMENT LP	531,126	2Q20	OW	ABT,MDT,BSX,DXCM,PEN
12	FRONTIER CAPITAL MANAGEMENT CO. LLC	453,715	1Q19	OW	DXCM
13	1832 ASSET MANAGEMENT LP	450,616	4Q17	OW	MDT,ABT,DXCM,BSX,NUVA
14	TIMESSQUARE CAPITAL MANAGEMENT LLC	424,407		OW	
15	BESSEMER INVESTMENT MANAGEMENT LLC	406,100	4Q16	OW	BSX,MDT,DXCM,ABT
16	FISHER ASSET MANAGEMENT LLC	360,667		UW	ABT,MDT,BSX,NUVA,DXCM
17	ASSENAGON ASSET MANAGEMENT SA (GERMANY)	346,631	3Q17	UW	BSX,MDT,ABT
18	KORNITZER CAPITAL MANAGEMENT, INC.	337,761	3Q18	OW	ABT,MDT,BSX
19	ARP AMERICAS LP	280,690		OW	ABT,MDT
20	ARROWSTREET CAPITAL LP	272,930	1Q20	UW	DXCM,NUVA,ABT,BSX
21	ETF MANAGERS GROUP LLC	262,310	2Q17	UW	ABT,DXCM,BSX
22	DRIEHAUS CAPITAL MANAGEMENT LLC	257,388	1Q17	OW	DXCM,PEN
23	CANDRIAM BELGIUM SA	251,598		OW	ABT,DXCM,BSX,PEN,MDT
24	NATIXIS INVESTMENT MANAGERS INTERNATIONAL SA	249,902	3Q17	OW	BSX
25	CIBC PRIVATE WEALTH ADVISORS, INC.	237,677		OW	ABT,MDT,BSX,DXCM,NUVA
26	MAVERICK CAPITAL LTD.	236,691	2Q20	OW	LIVN,BSX,ABT,NUVA,DXCM
27	COLUMBUS CIRCLE INVESTORS	234,888	3Q17	OW	DXCM,ABT
28	SECTORAL ASSET MANAGEMENT, INC.	231,897	2Q20	OW	DXCM,BSX,ABT,MDT
29	CONNOR, CLARK & LUNN INVESTMENT MANAGEMENT LTD.	218,289		UW	ABT,MDT,BSX,DXCM
30	MARSHALL WACE NORTH AMERICA LP	212,256	1Q19	OW	BSX,MDT,ABT,LIVN
31	ARMISTICE CAPITAL LLC	211,023		OW	MDT,NUVA,LIVN
32	CIBC WORLD MARKETS, INC.	202,947		UW	MDT,ABT,BSX,DXCM
33	VOLORIDGE INVESTMENT MANAGEMENT LLC	185,621	3Q19	OW	NUVA,LIVN,PEN
34	CAPFINANCIAL PARTNERS LLC	177,413	2Q20	UW	
35	HSBC GLOBAL ASSET MANAGEMENT (UK) LTD.	168,213	2Q20	UW	ABT,BSX,MDT,DXCM,PEN
36	ALYESKA INVESTMENT GROUP LP	165,981	2Q20	OW	ABT
37	AGF INVESTMENTS, INC.	155,509	1Q17	UW	MDT,BSX,ABT,DXCM
38	HAREL MUTUAL FUNDS LTD.	149,560		UW	ABT,DXCM,BSX
39	INTECH INVESTMENT MANAGEMENT LLC	149,198		UW	
40	ROCKEFELLER & CO. LLC	148,497		OW	MDT,ABT,DXCM,BSX,PEN
41	HUDSON BAY CAPITAL MANAGEMENT LP	140,471		OW	LIVN,ABT
42	US BANCORP ASSET MANAGEMENT, INC.	138,439	2Q20	OW	ABT,MDT,BSX,DXCM,PEN
43	FUNDLOGIC SASU	130,734		OW	ABT,BSX
44	FIDELITY INVESTMENTS CANADA ULC	124,616		OW	DXCM,ABT,BSX,MDT
45	VAN ECK ASSOCIATES CORP.	113,346		UW	MDT,ABT,BSX,DXCM

S.No	Firm Name	Potential (Shrs)	Last Owned Date	Sector/Mkt	Peer Exposure
46	JUPITER ASSET MANAGEMENT LTD.	111,910		UW	ABT,BSX,MDT
47	JPMORGAN PRIVATE INVESTMENTS, INC.	107,547		OW	BSX,MDT,ABT
48	AJO LP	107,167		OW	MDT,ABT
49	AMUNDI ASSET MANAGEMENT SA (INVESTMENT MANAGEMENT)	106,432		UW	MDT,ABT,BSX,DXCM
50	UBS SECURITIES LLC	102,839	1Q20	UW	MDT,ABT,BSX,DXCM,PEN
51	INVESCO ASSET MANAGEMENT DEUTSCHLAND GMBH	101,945		OW	ABT,MDT,DXCM,BSX
52	GOLDMAN SACHS ASSET MANAGEMENT INTERNATIONAL	98,292	2Q20	UW	
53	APO ASSET MANAGEMENT GMBH	95,469		OW	ABT,DXCM,NUVA,MDT
54	NICHOLAS INVESTMENT PARTNERS LP	91,947	2Q19	OW	PEN
55	BOGLE INVESTMENT MANAGEMENT LP	86,167	1Q20	OW	
56	PANAGORA ASSET MANAGEMENT, INC.	86,027	2Q20	UW	MDT,ABT,BSX,DXCM,NUVA
57	FEDERATED MDTA LLC	84,334	2Q20	OW	MDT,DXCM,ABT,NUVA
58	VERITION FUND MANAGEMENT LLC	84,151		UW	MDT,BSX,PEN,ABT
59	NORTH CAROLINA RETIREMENT SYSTEMS	83,917		OW	ABT,MDT,BSX,DXCM,PEN
60	RAYMOND JAMES FINANCIAL SERVICES ADVISORS, INC.	83,241		UW	MDT,ABT,DXCM,BSX,PEN
61	AXA ROSENBERG INVESTMENT MANAGEMENT LLC	82,160	2Q20	OW	MDT,ABT,DXCM,BSX,NUVA
62	NUMERIC INVESTORS LLC	78,552	2Q20	OW	MDT,ABT,NUVA,LIVN,DXCM
63	GLOBAL X MANAGEMENT CO. LLC	78,138		UW	DXCM,MDT,BSX,ABT
64	PENDAL GROUP LTD. (INVESTMENT MANAGEMENT)	77,039		UW	ABT,MDT,DXCM,PEN,BSX
65	WETHERBY ASSET MANAGEMENT, INC.	77,038		UW	PEN,ABT,MDT,DXCM,BSX
66	GLG PARTNERS LP	76,239	3Q18	OW	DXCM,MDT,ABT,BSX,NUVA
67	PROSIGHT MANAGEMENT LP	72,216	2Q19	OW	
68	THE OREGON INVESTMENT COUNCIL	68,419		OW	ABT,DXCM,MDT,BSX,PEN
69	ALPINE GLOBAL MANAGEMENT LLC	65,821		OW	ABT
70	ATHANOR CAPITAL LP	64,739	2Q20	UW	
71	NORTHERN TRUST GLOBAL INVESTMENTS LTD.	64,515	2Q20	UW	ABT,MDT,BSX,DXCM
72	DAFNA CAPITAL MANAGEMENT LLC	63,608	3Q19	OW	DXCM
73	CIBC ASSET MANAGEMENT, INC.	60,874		UW	ABT,MDT,DXCM,BSX,PEN
74	COOKSON PEIRCE & CO., INC.	57,703		OW	DXCM,ABT
75	WEISS MULTI-STRATEGY ADVISERS LLC	57,319	1Q19	UW	DXCM,BSX,PEN
76	PDT PARTNERS LLC	54,535	1Q19	OW	DXCM,PEN
77	HANCOCK WHITNEY BANK (INVESTMENT MANAGEMENT)	51,610	1Q20	OW	MDT,ABT,NUVA
78	SIVIK GLOBAL HEALTHCARE LLC	49,969	2Q20	OW	ABT,MDT,BSX,NUVA
79	SCHONFELD STRATEGIC ADVISORS LLC	47,187	1Q20	UW	MDT,ABT,BSX,DXCM
80	LOMBARD ODIER ASSET MANAGEMENT (USA) CORP.	45,255	4Q18	UW	
81	STATE STREET GLOBAL ADVISORS FRANCE SA	44,734		UW	ABT,MDT,BSX,DXCM
82	POINTSTATE CAPITAL LP	43,223		OW	MDT
83	CAPTION MANAGEMENT LLC	40,254	2Q19	OW	NUVA,DXCM
84	PENSERRA CAPITAL MANAGEMENT LLC	39,417		UW	MDT
85	TRILLIUM ASSET MANAGEMENT LLC	39,413	3Q19	UW	MDT,PEN,ABT
86	ADVISORS ASSET MANAGEMENT, INC.	37,998		UW	MDT,ABT,BSX,DXCM,PEN
87	RBC DOMINION SECURITIES, INC.	37,918	4Q19	OW	
88	WOLVERINE TRADING LLC	37,105	4Q18	UW	MDT,DXCM,PEN
89	CAMBRIDGE INVESTMENT RESEARCH ADVISORS, INC.	35,949		UW	ABT,MDT,DXCM,BSX
90	JANE STREET CAPITAL LLC	35,595	2Q20	UW	



S.No	Firm Name	Potential (Shrs)	Last Owned Date	Sector/Mkt	Peer Exposure
91	RATAN CAPITAL MANAGEMENT LP	35,522	2Q19	UW	
92	CROSSMARK GLOBAL INVESTMENTS, INC.	34,400		UW	ABT,MDT,BSX,DXCM,PEN
93	CHARTWELL INVESTMENT PARTNERS LLC	33,855		UW	ABT,MDT,BSX,DXCM
94	AVALON ADVISORS LLC	32,907		OW	ABT,DXCM
95	FIDEURAM ASSET MANAGEMENT (IRELAND) DAC	32,019	3Q15	OW	MDT,ABT,BSX
96	GRAUBUNDNER KANTONALBANK (PRIVATE BANKING)	31,931	2Q20	UW	
97	WILMINGTON TRUST INVESTMENT MANAGEMENT LLC	31,527		UW	ABT,MDT,BSX,DXCM
98	PENNSYLVANIA PUBLIC SCHOOL EMPLOYEES RETIREMENT SYSTEM	30,520		UW	ABT,MDT,BSX,DXCM,PEN
99	COWEN & CO. LLC	29,654		OW	
100	RBC DOMINION SECURITIES, INC. (INVESTMENT MANAGEMENT)	28,942	4Q19	OW	MDT,ABT,DXCM,BSX
101	CWM LLC	28,523		OW	MDT,BSX,ABT,DXCM,NUVA
102	MERIAN GLOBAL INVESTORS (UK) LTD.	26,794		OW	ABT,MDT,BSX
103	ZEKE CAPITAL ADVISORS LLC	26,316		UW	MDT
104	PICTET ASSET MANAGEMENT LTD.	23,936	2Q20	UW	LIVN
105	INTRINSIC EDGE CAPITAL MANAGEMENT LLC	23,798		UW	NUVA,DXCM
106	SG3 MANAGEMENT LLC	23,622		OW	
107	SONORA INVESTMENT MANAGEMENT LLC	22,710		UW	MDT,ABT,DXCM,BSX
108	FORSTA AP-FONDEN	21,804		UW	ABT,MDT,BSX,DXCM
109	DYNAMIC TECHNOLOGY LAB PTE LTD.	21,715	3Q18	UW	BSX,NUVA,PEN
110	RAFFERTY ASSET MANAGEMENT LLC	21,099		UW	ABT,DXCM,MDT,BSX
111	STATE TEACHERS RETIREMENT SYSTEM OF OHIO	20,900	2Q20	UW	
112	LOUISIANA STATE EMPLOYEES' RETIREMENT SYSTEM	20,758		OW	ABT,MDT,BSX,DXCM,PEN
113	MONASHEE INVESTMENT MANAGEMENT LLC	19,942	2Q15	OW	
114	ADVISORY RESEARCH, INC.	17,984	2Q17	UW	MDT,ABT
115	OPERADORA ACTINVER SA DE CV	17,578		OW	BSX,DXCM,PEN,NUVA
116	NNIP ADVISORS BV	17,500		OW	ABT,BSX,DXCM
117	GSA CAPITAL PARTNERS LLP	16,621	4Q19	OW	LIVN,BSX
118	CITY NATIONAL ROCHDALE LLC	16,278	2Q20	OW	ABT,MDT,BSX,DXCM,NUVA
119	WOLVERINE ASSET MANAGEMENT LLC	16,144	1Q20	UW	BSX,ABT,MDT,PEN
120	NAVELLIER & ASSOCIATES, INC.	16,131		UW	DXCM
121	CETERA ADVISOR NETWORKS LLC	15,949		UW	ABT,MDT,BSX
122	INVESCO ASSET MANAGEMENT (JAPAN) LTD.	15,934	2Q18	UW	ABT,MDT,BSX,DXCM
123	L&S ADVISORS, INC.	14,954		OW	ABT,DXCM
124	EMPOWERED FUNDS LLC	14,939	2Q20	OW	DXCM
125	DBX ADVISORS LLC	14,677	3Q19	OW	DXCM,ABT,MDT,BSX,PEN
126	GOFEN & GLOSSBERG LLC	14,555		OW	ABT,MDT,DXCM
127	THE WASHINGTON TRUST CO. OF WESTERLY (INVESTMENT MANAGEMENT)	14,386		OW	ABT,MDT,BSX
128	AMUNDI AUSTRIA GMBH	14,267		OW	MDT,ABT,BSX,DXCM
129	ESSEX INVESTMENT MANAGEMENT CO. LLC	14,017	3Q18	OW	ABT,DXCM,MDT
130	TREXQUANT INVESTMENT LP	13,997	2Q20	OW	BSX,NUVA,PEN,LIVN
131	BOKF, NA	13,740	2Q18	OW	ABT,MDT,DXCM,BSX
132	BI ASSET MANAGEMENT FONDSMAEGLERSELSKAB A/S	13,624	1Q20	OW	ABT,DXCM,BSX
133	BOOTHBAY FUND MANAGEMENT LLC	12,744		UW	MDT,BSX,LIVN
134	HIGHVISTA STRATEGIES LLC	12,253		OW	
135	CRAWFORD LAKE CAPITAL MANAGEMENT LLC	12,024		OW	



S.No	Firm Name	Potential (Shrs)	Last Owned Date	Sector/Mkt	Peer Exposure
136	PROSPERA FINANCIAL SERVICES, INC.	11,545		UW	MDT,BSX,DXCM
137	CUTLER GROUP LP	11,308	4Q19	UW	NUVA,ABT,MDT,BSX
138	ADVENT CAPITAL MANAGEMENT LLC	10,908	4Q18	OW	MDT
139	PRIVATE ADVISOR GROUP LLC	10,623	2Q20	UW	ABT,MDT,BSX,DXCM
140	QUANTBOT TECHNOLOGIES LP	10,610	2Q20	UW	BSX,DXCM,NUVA,PEN
141	CETERA INVESTMENT ADVISERS LLC	10,094		UW	ABT,MDT
142	CAXTON ASSOCIATES LP	9,937	4Q19	UW	BSX,PEN,DXCM
143	EURIZON CAPITAL SA	9,444		UW	
144	BAYESIAN CAPITAL MANAGEMENT LP	9,397	1Q20	OW	DXCM,BSX,ABT
145	PLANTE MORAN FINANCIAL ADVISORS LLC	9,225		OW	ABT,MDT
146	POLIANTA LTD.	8,944	2Q20	OW	
147	HIGHLAND CAPITAL MANAGEMENT LLC	8,730		OW	MDT,ABT
148	TWIN TREE MANAGEMENT LP	8,556	1Q19	UW	MDT,BSX
149	AE WEALTH MANAGEMENT LLC	8,217		UW	ABT,MDT,BSX,DXCM
150	FIRST HAWAIIAN BANK (WEALTH MANAGEMENT)	8,099		OW	ABT,MDT,BSX,DXCM,NUVA
151	WILMINGTON FUNDS MANAGEMENT CORP.	7,945	2Q16	UW	MDT,ABT,BSX,DXCM
152	ATHENA CAPITAL ADVISORS LLC	7,432		OW	MDT,ABT,BSX,DXCM,PEN
153	CAPITAL INVESTMENT ADVISORY SERVICES LLC	7,069		OW	MDT,ABT
154	WORLD ASSET MANAGEMENT, INC.	7,002		UW	ABT,MDT,BSX,DXCM,PEN
155	ATRIA INVESTMENTS LLC	6,911	2Q20	OW	MDT,ABT,DXCM
156	INDEPENDENT ADVISOR ALLIANCE LLC	6,810		UW	MDT,ABT,DXCM,BSX
157	BANQUE CANTONALE VAUDOISE (INVESTMENT MANAGEMENT)	6,769		OW	ABT,MDT,BSX,DXCM,NUVA
158	ALTSHULER SHAHAM MUTUAL FUNDS MANAGEMENT LTD.	6,301	2Q20	UW	DXCM,PEN,ABT
159	MEEDER ASSET MANAGEMENT, INC.	6,174	1Q20	OW	MDT,ABT,BSX,DXCM,PEN
160	THE BOLLARD GROUP LLC	5,866		OW	BSX,ABT,MDT,DXCM,PEN
161	AGF INVESTMENTS LLC	5,786		UW	MDT,ABT,DXCM,PEN,BSX
162	TELEMUS CAPITAL LLC	5,309		OW	ABT,MDT,DXCM,PEN
163	WOODBURY FINANCIAL SERVICES, INC.	4,995	1Q20	UW	ABT,MDT,DXCM,BSX,NUVA
164	NEXTAM PARTNERS SGR SPA	4,574		UW	MDT,ABT,DXCM
165	ING BANK NV (INVESTMENT MANAGEMENT)	4,528		UW	ABT,BSX,DXCM
166	CLARAPHI ADVISORY NETWORK LLC	4,497		OW	ABT,DXCM
167	IBM RETIREMENT FUND	4,084		OW	ABT,MDT,BSX,DXCM,PEN
168	FREESTONE CAPITAL MANAGEMENT LLC	4,011		UW	MDT,ABT,DXCM,NUVA
169	NEXT FINANCIAL GROUP, INC.	3,657		UW	MDT,ABT,BSX,PEN,DXCM
170	CWM ADVISORS LLC	3,551		UW	
171	WE ARE ONE SEVEN LLC	3,439	4Q18	UW	MDT,ABT,BSX
172	INGALLS & SNYDER LLC	3,311		OW	MDT
173	BDO WEALTH ADVISORS LLC	3,228		OW	ABT,MDT,DXCM,BSX
174	CAMPBELL & CO. INVESTMENT ADVISER LLC	3,089	2Q20	UW	
175	FROST INVESTMENT ADVISORS LLC	3,063		OW	MDT,ABT,BSX,DXCM
176	STEVENS CAPITAL MANAGEMENT LP	2,934		OW	MDT
177	ICON WEALTH PARTNERS LLC	2,796		UW	ABT,MDT
178	PETRUS SECURITIES LP	2,654		UW	
179	VAN HULZEN ASSET MANAGEMENT LLC	2,579		OW	MDT,ABT
180	POINT72 HONG KONG LTD.	2,555	2Q20	UW	BSX,MDT,ABT,NUVA,LIVN

S.No	Firm Name	Potential (Shrs)	Last Owned Date	Sector/Mkt	Peer Exposure
181	PROEQUITIES, INC.	2,432		OW	ABT,DXCM,MDT,BSX
182	AMERIPRISE BANK, FSB (INVESTMENT MANAGEMENT)	2,204		OW	ABT,MDT,BSX,NUVA
183	PARALLEL ADVISORS LLC	2,148	2Q18	UW	ABT,MDT,DXCM,PEN,BSX
184	WEALTHSPIRE ADVISORS LP	2,123	1Q19	OW	ABT,MDT,BSX
185	CARROLL FINANCIAL ASSOCIATES, INC.	2,118		UW	MDT,ABT,BSX,DXCM,NUVA
186	CORNERSTONE INVESTMENT PARTNERS LLC	2,055		OW	
187	JUMP TRADING LLC	2,025		UW	MDT,PEN,BSX
188	RARITAN VALLEY CAPITAL MANAGEMENT LLC	1,980	2Q20	UW	BSX,PEN,LIVN
189	PITTENGER & ANDERSON, INC.	1,786		UW	ABT,MDT,DXCM
190	EFG ASSET MANAGEMENT (AMERICAS) CORP.	1,633		OW	DXCM
191	LADENBURG THALMANN ASSET MANAGEMENT, INC.	1,592	2Q20	UW	MDT,ABT,DXCM,BSX
192	HOWE & RUSLING, INC.	1,424	2Q16	OW	ABT,MDT,BSX,NUVA
193	BERMAN CAPITAL ADVISORS LLC	1,414		UW	ABT,MDT,BSX,DXCM,NUVA
194	PARKSIDE FINANCIAL BANK & TRUST	1,241	1Q17	UW	ABT,MDT,BSX,DXCM
195	ANFIELD CAPITAL MANAGEMENT LLC	1,189		UW	
196	INVESTACORP ADVISORY SERVICES, INC.	1,023	2Q20	UW	
197	INVESTORS RESEARCH CORP.	948		UW	MDT,BSX
198	ENTERPRISE BANK & TRUST (MISSOURI)	931		OW	ABT,BSX,MDT,DXCM
199	PRIVATE CAPITAL GROUP LLC	900	3Q19	OW	ABT,MDT,BSX,PEN,NUVA
200	THE PATRIOT FINANCIAL GROUP INSURANCE AGENCY LLC	718		UW	BSX,MDT,ABT
201	SUNBELT SECURITIES, INC.	550		UW	
202	CX INSTITUTIONAL LLC	506		OW	ABT,MDT,BSX,DXCM
203	CENTURY SECURITIES ASSOCIATES, INC.	343		OW	ABT,MDT,BSX,DXCM,NUVA
204	CREWE ADVISORS, LLC	280		UW	ABT,MDT,DXCM,BSX
205	ELMWOOD WEALTH MANAGEMENT, INC.	147		OW	ABT,MDT
206	MACROVIEW INVESTMENT MANAGEMENT LLC	68		UW	ABT,DXCM
207	AZIMUT CAPITAL MANAGEMENT SGR SPA	--		UW	

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Value	Weighting (OW or UW)		
								Sector/Mkt	Stock/Sector	Peer Exposure
1	T. ROWE PRICE ASSOCIATES, INC. (INVESTMENT MANAGEMENT)	Reduce	High	4.56 M	-331,433	4.87 M	644.27 M	OW	OW	MDT,BSX,DXCM,ABT,PEN
2	THE VANGUARD GROUP, INC.	Add	Medium	2.85 M	-100,984	4.42 M	402.58 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
3	BLACKROCK FUND ADVISORS	Reduce	High	2.26 M	-50,196	3.24 M	319.5 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
4	FRED ALGER MANAGEMENT LLC	Add	Medium	2.12 M	35,571	2.37 M	298.85 M	OW	OW	BSX,DXCM,ABT,MDT,PEN
5	FIDELITY MANAGEMENT & RESEARCH CO. LLC	Reduce	Medium	1.69 M	-443,331	3.24 M	238.01 M	OW	OW	DXCM,BSX,ABT,PEN,MDT
6	INVESCO ADVISERS, INC.	Reduce	High	1.4 M	-16,100	2.51 M	197.9 M	OW	OW	MDT,DXCM,BSX,ABT,PEN
7	D. E. SHAW & CO. LP	Reduce	High	1.26 M	-4,477	1.54 M	177.42 M	OW	OW	MDT,ABT,BSX,DXCM,LIVN
8	FRANKLIN ADVISERS, INC.	Reduce	Medium	1.05 M	-35,438	1.77 M	147.64 M	OW	OW	ABT,MDT,DXCM,PEN,BSX
9	JACKSON SQUARE PARTNERS LLC	Reduce	High	1.03 M	-38,087	1.2 M	145.2 M	UW	OW	DXCM
10	PERCEPTIVE ADVISORS LLC	Reduce	High	826,164	-73,808	2.02 M	116.63 M	OW	OW	
11	LORD, ABBETT & CO. LLC	Reduce	High	744,703	126,162	866,972	105.13 M	OW	OW	MDT,ABT,DXCM,NUVA,PEN
12	HEALTHCOR MANAGEMENT LP	Add	High	730,977	-323,126	1.07 M	103.19 M	OW	OW	MDT
13	SSGA FUNDS MANAGEMENT, INC.	Add	Medium	717,689	-17,912	1.63 M	101.32 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
14	BLACKROCK ADVISORS LLC	Add	High	691,775	36,101	844,876	97.66 M	OW	OW	MDT,ABT,BSX,DXCM,PEN
15	JPMORGAN INVESTMENT MANAGEMENT, INC.	Add	High	567,690	27,161	1.68 M	80.14 M	OW	OW	MDT,DXCM,BSX,ABT,NUVA
16	GEODE CAPITAL MANAGEMENT LLC	Reduce	High	484,797	-10,205	829,597	68.44 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
17	REDMILE GROUP LLC	Reduce	High	459,609	-38,155	1.25 M	64.88 M	OW	OW	BSX,DXCM
18	NORTHERN TRUST INVESTMENTS, INC.(INVESTMENT MANAGEMENT)	Reduce	Medium	452,728	-13,873	723,391	63.91 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
19	VICTORY CAPITAL MANAGEMENT, INC. (INVESTMENT MANAGEMENT)	Reduce	Medium	436,253	30,664	814,451	61.59 M	OW	OW	DXCM,ABT,NUVA,MDT,PEN
20	CREDIT SUISSE SECURITIES (USA) LLC (BROKER)	Add	Medium	427,595	-17,121	779,798	60.36 M	OW	OW	DXCM,ABT,MDT,BSX,NUVA
21	JPMORGAN ASSET MANAGEMENT (UK) LTD.	Add	High	424,006	10,220	530,315	59.86 M	OW	OW	BSX,MDT,ABT,DXCM
22	CREDIT SUISSE ASSET MANAGEMENT (SCHWEIZ) AG	Add	High	417,814	121,852	795,078	58.98 M	OW	OW	DXCM,ABT,MDT,BSX,PEN
23	ROCK SPRINGS CAPITAL MANAGEMENT LP	Hold	High	386,000	0	613,444	54.49 M	OW	OW	BSX,PEN
24	VOYA INVESTMENT MANAGEMENT CO. LLC	Reduce	High	376,168	-19,925	542,774	53.1 M	OW	OW	MDT,BSX,ABT,DXCM,PEN
25	JENNISON ASSOCIATES LLC	Add	High	369,452	209,375	1.54 M	52.16 M	UW	OW	DXCM,BSX,ABT
26	MORGAN STANLEY & CO. LLC	Reduce	High	350,528	-23,570	610,224	49.48 M	UW	OW	ABT,MDT,DXCM,BSX,NUVA
27	ARROWMARK COLORADO HOLDINGS LLC	Reduce	High	341,001	-84,122	1.26 M	48.14 M	OW	OW	

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
28	PARTNER FUND MANAGEMENT LP	Add	High	322,747	214,052	663,946	45.56 M	OW	OW	PEN
29	HOLOCENE ADVISORS, LP	Reduce	High	299,152	-22,979	499,335	42.23 M	OW	OW	BSX,NUVA,DXCM,MDT,LIVN
30	THRIVENT INVESTMENT MANAGEMENT, INC.	Reduce	High	253,723	-6,838	470,293	35.82 M	OW	OW	MDT,ABT,DXCM,BSX,PEN
31	MILLENNIUM MANAGEMENT LLC	Reduce	High	248,077	136,750	1.09 M	35.02 M	OW	OW	ABT,MDT,BSX,DXCM,NUVA
32	CHARLES SCHWAB INVESTMENT MANAGEMENT, INC.	Add	High	230,515	-5,721	420,033	32.54 M	UW	OW	ABT,MDT,BSX,DXCM,PEN
33	BROWN ADVISORY LLC	Reduce	Medium	222,063	1,605	481,063	31.35 M	OW	OW	DXCM,ABT,MDT,BSX
34	TIAA-CREF INVESTMENT MANAGEMENT LLC	Add	Medium	205,481	26,697	800,571	29.01 M	OW	OW	BSX,ABT,MDT,DXCM,PEN
35	EAGLE ASSET MANAGEMENT, INC.	Reduce	High	201,825	21,468	412,124	28.49 M	OW	OW	MDT,DXCM,PEN,ABT,NUVA
36	PICTET ASSET MANAGEMENT SA	Add	Medium	189,372	2,263	623,611	26.73 M	OW	OW	ABT,BSX,MDT,DXCM,LIVN
37	CITADEL ADVISORS LLC	Reduce	High	189,297	106,636	922,036	26.72 M	OW	OW	MDT,ABT,NUVA,DXCM,BSX
38	GOLDMAN SACHS ASSET MANAGEMENT LP	Reduce	Medium	178,972	-4,336	996,032	25.27 M	UW	OW	ABT,MDT,BSX,DXCM,PEN
39	TEACHERS ADVISORS LLC	Reduce	Medium	175,356	-6,704	341,101	24.76 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
40	SEI INVESTMENTS MANAGEMENT CORP.	Add	Medium	174,720	-52,722	254,429	24.67 M	UW	OW	BSX,MDT,ABT,DXCM,NUVA
41	TWO SIGMA ADVISERS LP	Reduce	High	170,700	-61,400	316,183	24.1 M	OW	OW	MDT,DXCM,ABT,BSX,NUVA
42	BNY MELLON INVESTMENT ADVISER INC.	Reduce	Medium	170,387	13,298	313,358	24.05 M	OW	OW	MDT,DXCM,ABT,BSX,PEN
43	BLACKROCK INVESTMENT MANAGEMENT (UK) LTD.	Add	Medium	163,167	17,443	316,044	23.03 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
44	BLACKROCK INVESTMENT MANAGEMENT LLC	Reduce	Medium	160,290	-10,233	262,230	22.63 M	OW	OW	MDT,ABT,BSX,DXCM,PEN
45	CAPITAL RESEARCH & MANAGEMENT CO. (WORLD INVESTORS)	Hold	High	160,000	0	1.82 M	22.59 M	OW	UW	BSX,DXCM,ABT,PEN,NUVA
46	PRINCIPAL GLOBAL INVESTORS LLC	Add	Medium	159,359	166	589,001	22.5 M	UW	OW	ABT,MDT,BSX,DXCM,PEN
47	POINT72 ASSET MANAGEMENT LP	Reduce	High	147,441	0	893,977	20.81 M	OW	OW	DXCM,MDT,LIVN,ABT,BSX
48	BLACKROCK ADVISORS (UK) LTD.	Add	Medium	147,156	24,992	289,980	20.77 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
49	TIGER EYE CAPITAL LLC	Reduce	High	145,153	-47,601	180,478	20.49 M	UW	OW	
50	BALYASNY ASSET MANAGEMENT LP	Reduce	Medium	137,740	-135,365	348,214	19.44 M	UW	OW	MDT,ABT,NUVA
51	MASSACHUSETTS FINANCIAL SERVICES CO.	Add	Medium	136,820	-3,360	1.24 M	19.31 M	OW	UW	MDT,ABT,BSX,DXCM,LIVN
52	CARILLON TOWER ADVISERS, INC.	Add	Medium	132,395	8,678	223,785	18.69 M	OW	OW	PEN,MDT,NUVA,ABT,DXCM
53	GOLDMAN SACHS & CO. LLC (PRIVATE BANKING)	Reduce	Medium	129,993	3,305	1.02 M	18.35 M	OW	OW	DXCM,ABT,LIVN,PEN,NUVA
54	GRANITE INVESTMENT PARTNERS LLC	Add	Medium	125,317	41,044	178,943	17.69 M	OW	OW	DXCM,ABT,MDT

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
55	BANK OF AMERICA, NA (PRIVATE BANKING)	Add	Medium	121,953	-18,705	580,820	17.22 M	OW	OW	ABT,MDT,BSX,NUVA,DXCM
56	BELLEVUE ASSET MANAGEMENT AG	Add	Medium	120,569	8,807	1.08 M	17.02 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
57	RENAISSANCE TECHNOLOGIES LLC	Reduce	High	107,300	-160,100	1.51 M	15.15 M	OW	UW	DXCM,MDT,NUVA
58	STATE OF WISCONSIN INVESTMENT BOARD	Add	Medium	97,900	2,300	132,147	13.82 M	OW	OW	MDT,ABT,BSX,DXCM,NUVA
59	THE BANK OF NEW YORK MELLON CORP. (INVESTMENT MANAGEMENT)	Add	Medium	97,112	-4,145	152,181	13.71 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
60	MACQUARIE INVESTMENT MANAGEMENT BUSINESS TRUST	Reduce	High	82,575	-16,029	533,318	11.66 M	OW	OW	ABT,NUVA,MDT,BSX,DXCM
61	CASTLEARK MANAGEMENT LLC	Reduce	Medium	78,380	11,947	93,258	11.06 M	OW	OW	DXCM,MDT
62	ALLIANCEBERNSTEIN LP	Add	Medium	73,421	-11,459	2.03 M	10.36 M	OW	UW	ABT,MDT,BSX,PEN,DXCM
63	SCHWEIZERISCHE NATIONALBANK (INVESTMENT PORTFOLIO)	Add	High	73,200	5,700	163,982	10.33 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
64	FULLER & THALER ASSET MANAGEMENT, INC.	Add	Medium	72,912	852	208,474	10.29 M	UW	OW	BSX
65	MELLON INVESTMENTS CORP.	Reduce	Medium	70,797	-4,438	550,927	9.99 M	OW	UW	MDT,ABT,BSX,DXCM,PEN
66	THE CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM	Add	High	69,900	-4,332	211,762	9.87 M	OW	UW	MDT,ABT,BSX,DXCM,PEN
67	LISANTI CAPITAL GROWTH LLC	Reduce	Medium	67,687	10,178	72,378	9.56 M	OW	OW	PEN
68	VANGUARD FIDUCIARY TRUST CO.	Add	Medium	66,460	-3,553	88,398	9.38 M	OW	OW	ABT,MDT,BSX,DXCM,NUVA
69	ALLIANZ GLOBAL INVESTORS U.S. LLC	Reduce	Medium	66,386	3,377	401,176	9.37 M	UW	OW	BSX,ABT,DXCM,MDT,NUVA
70	COLUMBIA MANAGEMENT INVESTMENT ADVISERS LLC	Reduce	Medium	62,127	-437	580,719	8.77 M	OW	UW	MDT,ABT,BSX,DXCM,PEN
71	SUMMIT PARTNERS PUBLIC ASSET MANAGEMENT LLC	Reduce	High	61,729	0	62,502	8.71 M	UW	OW	
72	TD ASSET MANAGEMENT, INC.	Reduce	High	54,184	1,600	141,894	7.65 M	UW	UW	ABT,MDT,BSX,DXCM,PEN
73	PUTNAM INVESTMENT MANAGEMENT LLC	Reduce	Medium	53,422	36,162	193,285	7.54 M	OW	UW	DXCM,BSX,ABT,MDT
74	INVESCO CAPITAL MANAGEMENT LLC	Reduce	Medium	51,580	3,185	372,416	7.28 M	OW	UW	ABT,MDT,DXCM,BSX,PEN
75	GREAT LAKES ADVISORS LLC	Reduce	Medium	47,850	7,679	101,147	6.75 M	OW	OW	BSX,ABT,MDT,DXCM
76	AHL PARTNERS LLP	Reduce	High	46,518	-13,721	69,360	6.57 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
77	NEW YORK STATE COMMON RETIREMENT FUND	Add	Medium	45,654	2,387	421,597	6.44 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
78	RUSSELL INVESTMENT MANAGEMENT LLC	Reduce	Medium	44,385	1,426	173,024	6.27 M	UW	OW	MDT,ABT,DXCM,BSX,LIVN
79	WILLIAM BLAIR INVESTMENT MANAGEMENT LLC	Add	High	43,531	1,629	865,879	6.15 M	OW	UW	DXCM,PEN,ABT,MDT,BSX
80	BLACKROCK FINANCIAL MANAGEMENT, INC.	Add	Medium	42,239	2,340	437,881	5.96 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
81	ALLIANZ GLOBAL INVESTORS GMBH	Reduce	Medium	42,139	11,435	82,240	5.95 M	OW	OW	ABT,MDT,BSX,DXCM,NUVA

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
82	CLARIVEST ASSET MANAGEMENT LLC	Reduce	High	41,065	-1,349	58,592	5.8 M	OW	OW	NUVA,DXCM
83	RHUMBLINE ADVISERS LP	Reduce	High	41,034	-11,242	97,391	5.79 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
84	PARAMETRIC PORTFOLIO ASSOCIATES LLC	Add	Medium	39,274	-145	230,038	5.54 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
85	JPMORGAN CHASE BANK, NA (INVESTMENT MANAGEMENT)	Add	Medium	38,489	634	85,380	5.43 M	OW	UW	BSX,MDT,ABT,DXCM,PEN
86	TWO SIGMA INVESTMENTS LP	Reduce	High	36,773	-40,473	219,245	5.19 M	OW	OW	MDT,NUVA,LIVN
87	MANAGED ACCOUNT ADVISORS LLC	Add	Medium	35,346	19,670	414,060	4.99 M	OW	UW	MDT,ABT,BSX,DXCM,NUVA
88	WELLS FARGO BANK, NA (PRIVATE BANKING)	Add	High	35,300	-10,235	90,365	4.98 M	OW	UW	ABT,MDT,DXCM,BSX,PEN
89	BARCLAYS BANK PLC (PRIVATE BANKING)	Add	Medium	33,329	3,167	152,289	4.71 M	UW	UW	MDT,ABT,BSX,DXCM,NUVA
90	DWS INVESTMENT MANAGEMENT AMERICAS, INC.	Add	Medium	32,505	12,324	169,187	4.59 M	OW	OW	MDT,DXCM,ABT,BSX,PEN
91	LEGAL & GENERAL INVESTMENT MANAGEMENT AMERICA, INC.	Add	Medium	31,842	-2,642	148,992	4.5 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
92	PURA VIDA INVESTMENTS LLC	Reduce	High	31,838	0	92,510	4.49 M	OW	OW	DXCM
93	MERRILL LYNCH, PIERCE, FENNER & SMITH, INC. (INVT MGMT)	Reduce	High	27,820	-5,954	530,858	3.93 M	OW	UW	ABT,MDT,DXCM,BSX,PEN
94	TOWER RESEARCH CAPITAL LLC	Reduce	High	26,270	19,892	37,234	3.71 M	OW	OW	ABT,MDT,PEN,NUVA,LIVN
95	JASPER RIDGE PARTNERS LP	Hold	High	26,016	0	31,554	3.67 M	UW	OW	
96	VANGUARD GLOBAL ADVISERS LLC	Add	Medium	25,304	750	162,001	3.57 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
97	JEFFERIES INVESTMENT ADVISERS LLC	Reduce	Medium	24,565	13,473	50,042	3.47 M	UW	OW	BSX,ABT,DXCM,MDT
98	EATON VANCE MANAGEMENT	Add	High	24,537	14,896	265,226	3.46 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
99	AQR CAPITAL MANAGEMENT LLC	Reduce	High	23,939	0	529,048	3.38 M	OW	UW	MDT,ABT,BSX,NUVA,DXCM
100	SQUAREPOINT OPS LLC	Reduce	High	23,255	0	45,965	3.28 M	UW	OW	BSX,MDT,NUVA,DXCM
101	NEW JERSEY DIVISION OF INVESTMENT	Add	Medium	22,693	576	64,596	3.2 M	UW	OW	ABT,MDT,BSX,DXCM,PEN
102	NUVEEN ASSET MANAGEMENT LLC	Reduce	Medium	21,768	5,205	135,510	3.07 M	UW	OW	MDT,ABT,DXCM,BSX
103	DIMENSIONAL FUND ADVISORS LP	Add	High	20,435	4,915	733,077	2.88 M	UW	UW	MDT,ABT,BSX,DXCM,NUVA
104	SUNAMERICA ASSET MANAGEMENT LLC	Add	Medium	20,079	-456	65,493	2.83 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
105	QUANTITATIVE SYSTEMATIC STRATEGIES LLC	Reduce	High	19,667	-2,488	23,233	2.78 M	OW	OW	MDT,BSX,ABT,NUVA,DXCM
106	CUBIST SYSTEMATIC STRATEGIES LLC	Reduce	Medium	19,535	-5,841	43,033	2.76 M	UW	OW	BSX,PEN,NUVA,ABT,DXCM
107	MANULIFE INVESTMENT MANAGEMENT LTD.	Reduce	Medium	19,236	-608	97,019	2.72 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
108	UBS ASSET MANAGEMENT SWITZERLAND AG	Add	High	19,069	1,645	182,752	2.69 M	UW	UW	ABT,MDT,BSX,DXCM,LIVN

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
109	MUTUAL OF AMERICA CAPITAL MANAGEMENT LLC	Reduce	Medium	18,967	-3,245	66,397	2.68 M	OW	OW	ABT,MDT,BSX,PEN,DXCM
110	WINTON CAPITAL MANAGEMENT LTD.	Reduce	Medium	18,521	6,047	31,726	2.61 M	OW	OW	DXCM,PEN,NUVA,LIVN,MDT
111	BB&T SECURITIES LLC	Add	Medium	17,835	2,730	25,571	2.52 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
112	ROBECO INSTITUTIONAL ASSET MANAGEMENT BV	Reduce	High	17,133	-10,065	372,630	2.42 M	OW	UW	MDT,ABT,DXCM,BSX
113	LEGAL & GENERAL INVESTMENT MANAGEMENT LTD.	Add	High	16,838	168	210,014	2.38 M	UW	UW	ABT,MDT,BSX,DXCM,LIVN
114	DWS INVESTMENTS (UK) LTD.	Add	High	16,834	1,126	175,541	2.38 M	OW	UW	ABT,MDT,BSX,DXCM,NUVA
115	MORGAN STANLEY SMITH BARNEY LLC (INVT MGMT)	Add	Medium	16,477	-6,408	596,684	2.33 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
116	FIRST TRUST ADVISORS LP	Add	High	16,424	-9,683	288,982	2.32 M	UW	UW	MDT,DXCM,BSX,ABT,PEN
117	MAIRS & POWER, INC.	Reduce	High	16,412	-3,500	58,056	2.32 M	OW	OW	MDT,ABT,BSX
118	AVIVA INVESTORS GLOBAL SERVICES LTD.	Reduce	High	15,790	-3,548	57,997	2.23 M	OW	OW	MDT,ABT,BSX,DXCM,PEN
119	HIGHTOWER ADVISORS LLC	Reduce	Medium	15,629	2,716	55,370	2.21 M	OW	OW	ABT,MDT,DXCM,BSX,NUVA
120	RBC CAPITAL MARKETS LLC (INVESTMENT MANAGEMENT)	Reduce	Medium	15,345	1,258	95,872	2.17 M	OW	UW	MDT,ABT,BSX,NUVA,DXCM
121	STATE STREET GLOBAL ADVISORS LTD.	Add	Medium	15,161	1,552	180,563	2.14 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
122	STATE BOARD OF ADMINISTRATION OF FLORIDA RETIREMENT SYSTEM	Add	Medium	14,628	700	63,008	2.07 M	OW	UW	ABT,MDT,BSX,DXCM,PEN
123	FOUNDRY PARTNERS LLC (MINNESOTA)	Reduce	High	14,626	1,262	21,826	2.06 M	UW	OW	
124	CITIGROUP GLOBAL MARKETS, INC. (INVESTMENT MANAGEMENT)	Add	Medium	14,425	-4,348	126,799	2.04 M	UW	UW	ABT,MDT,DXCM,BSX,NUVA
125	OPPENHEIMER ASSET MANAGEMENT, INC.	Add	High	14,416	1,528	92,941	2.04 M	UW	OW	ABT,MDT,DXCM,BSX
126	UNITED CAPITAL FINANCIAL ADVISERS LLC	Hold	Medium	14,141	0	38,859	2 M	OW	OW	MDT,ABT,DXCM,BSX
127	METLIFE INVESTMENT MANAGEMENT LLC	Add	Medium	14,067	-721	174,625	1.99 M	OW	OW	ABT,BSX,DXCM,PEN,NUVA
128	PICTON MAHONEY ASSET MANAGEMENT	Reduce	High	13,826	-644	45,116	1.95 M	OW	OW	ABT,DXCM,PEN
129	CALAMOS ADVISORS LLC	Reduce	Medium	13,352	0	32,849	1.88 M	OW	OW	MDT,ABT,BSX,DXCM
130	THE BANK OF NEW YORK MELLON CORP. (WEALTH MANAGEMENT)	Add	High	13,043	643	30,470	1.84 M	OW	OW	DXCM,NUVA,BSX
131	ENVESTNET ASSET MANAGEMENT, INC.	Add	High	12,878	727	141,105	1.82 M	OW	UW	MDT,ABT,DXCM,BSX,NUVA
132	EOS FOCUSED EQUITY MANAGEMENT LP	Add	Medium	12,098	0	12,098	1.71 M	OW	OW	
133	UBS ASSET MANAGEMENT (UK) LTD.	Add	Medium	11,358	141	68,003	1.6 M	OW	UW	MDT,ABT,BSX,DXCM,LIVN
134	SG AMERICAS SECURITIES LLC	Reduce	High	11,071	-431	87,320	1.56 M	UW	OW	ABT,NUVA,BSX,DXCM,MDT
135	LOS ANGELES CAPITAL MANAGEMENT & EQUITY RESEARCH, INC.	Add	Low	10,762	0	75,370	1.52 M	OW	UW	ABT,DXCM,MDT,BSX,NUVA



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							Value	Sector/Mkt	Stock/Sector	Peer Exposure
136	VANGUARD INVESTMENTS AUSTRALIA LTD.	Add	Medium	9,962	604	65,644	1.41 M	UW	UW	ABT,MDT,BSX,DXCM,PEN
137	ARIZONA STATE RETIREMENT SYSTEM	Add	High	9,745	2,922	27,830	1.38 M	OW	OW	ABT,MDT,BSX,DXCM,PEN
138	METROPOLITAN LIFE INSURANCE CO. (INVESTMENT PORTFOLIO)	Reduce	High	9,712	-499	13,767	1.37 M	OW	OW	ABT,BSX,DXCM,PEN,NUVA
139	PGIM SECURITIES INVESTMENT TRUST CO. LTD.	Reduce	High	9,590	0	25,967	1.35 M	OW	OW	ABT,BSX,DXCM
140	CALVERT RESEARCH & MANAGEMENT	Add	High	9,419	587	106,747	1.33 M	OW	OW	ABT,BSX,DXCM,PEN,NUVA
141	SPARINVEST SA (DENMARK)	Reduce	Low	9,397	0	18,257	1.33 M	OW	OW	ABT,MDT,DXCM,BSX,PEN
142	FNY CAPITAL MANAGEMENT LP	Reduce	Medium	9,000	3,500	15,137	1.27 M	UW	OW	
143	VIRGINIA RETIREMENT SYSTEMS	Reduce	Medium	8,400	3,800	103,417	1.19 M	OW	OW	ABT,BSX,MDT,DXCM,PEN
144	WELLS CAPITAL MANAGEMENT, INC.	Add	Medium	8,334	155	1.43 M	1.18 M	OW	UW	BSX,DXCM,ABT,MDT,LIVN
145	DUPONT CAPITAL MANAGEMENT CORP.	Reduce	High	8,295	0	33,307	1.17 M	OW	OW	ABT,BSX,MDT,DXCM,NUVA
146	LANDSCAPE CAPITAL MANAGEMENT LLC	Reduce	High	8,157	0	34,919	1.15 M	UW	OW	
147	BNP PARIBAS ARBITRAGE SNC	Reduce	High	7,972	5,866	54,228	1.13 M	UW	UW	ABT,MDT,BSX,DXCM,NUVA
148	FIAM LLC	Reduce	Medium	7,952	-71,093	394,367	1.12 M	OW	UW	BSX,PEN,DXCM,ABT,MDT
149	MACKAY SHIELDS LLC	Reduce	Medium	7,900	4,100	84,666	1.12 M	OW	UW	ABT,BSX,DXCM,NUVA
150	COMERICA BANK (INVESTMENT MANAGEMENT TEXAS)	Reduce	Medium	7,628	-100	41,810	1.08 M	OW	UW	ABT,MDT,DXCM,BSX,PEN
151	HANDELSBANKEN FONDER AB	Hold	Medium	7,558	2,800	129,616	1.07 M	OW	UW	ABT,MDT,DXCM,BSX,PEN
152	NIKKO ASSET MANAGEMENT CO., LTD.	Reduce	High	7,431	-2,203	282,956	1.05 M	OW	UW	ABT,BSX,DXCM,PEN
153	HILLSDALE INVESTMENT MANAGEMENT, INC.	Reduce	High	7,400	1,400	23,768	1.04 M	OW	OW	ABT,MDT
154	SEVEN EIGHT CAPITAL LP	Reduce	High	5,800	0	23,949	818,786	UW	OW	BSX,LIVN
155	BLACKROCK CAPITAL MANAGEMENT, INC.	Hold	High	5,700	0	35,055	804,669	OW	OW	ABT,BSX
156	NOMURA SECURITIES CO., LTD. (PRIVATE BANKING)	Add	High	5,645	0	105,593	796,905	UW	OW	BSX,NUVA,ABT,MDT,DXCM
157	SEB INVESTMENT MANAGEMENT AB	Add	Medium	5,530	5,405	116,079	780,670	OW	UW	ABT,DXCM,BSX,PEN
158	AMALGAMATED BANK (INVESTMENT MANAGEMENT)	Add	Medium	5,222	-153	12,036	737,190	OW	OW	ABT,MDT,BSX,DXCM,PEN
159	QS INVESTORS LLC	Reduce	High	5,200	-21,900	38,240	734,084	OW	OW	ABT,MDT,BSX,DXCM
160	UBS ASSET MANAGEMENT (AMERICAS) INC.	Add	Low	5,106	-722	297,439	720,814	OW	UW	ABT,MDT,BSX,DXCM,LIVN
161	WEALTH ARCHITECTS LLC	Hold	High	5,000	0	5,000	705,850	OW	OW	ABT
162	BLUE ROCK ADVISORS LLC	Reduce	Medium	4,926	0	10,337	695,403	OW	OW	MDT,BSX

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
163	BMO ASSET MANAGEMENT CORP.	Add	Medium	4,823	-6,451	203,334	680,863	UW	UW	MDT,ABT,BSX,DXCM,NUVA
164	COLORADO PUBLIC EMPLOYEES' RETIREMENT ASSOCIATION	Hold	High	4,723	0	119,995	666,746	OW	UW	MDT,ABT,BSX,DXCM,PEN
165	APERIO GROUP LLC	Add	Medium	4,525	215	45,152	638,794	OW	UW	ABT,MDT,BSX,DXCM,PEN
166	GO ETF SOLUTIONS LLP	Add	High	4,464	1,198	23,523	630,183	UW	OW	ABT,MDT,BSX,DXCM,PEN
167	SUSQUEHANNA FINANCIAL GROUP LLLP	Reduce	Medium	4,434	1,676	170,164	625,948	UW	UW	MDT,ABT,DXCM,BSX,PEN
168	VISION2020 WEALTH MANAGEMENT CORP.	Add	High	4,374	766	12,436	617,478	OW	OW	ABT,MDT,DXCM,BSX,PEN
169	KLP KAPITALFORVALTNING AS	Add	High	4,300	400	25,842	607,031	OW	UW	MDT,ABT,BSX,DXCM,PEN
170	DWS INVESTMENT GMBH	Add	Medium	4,257	-9,041	505,195	600,961	OW	UW	MDT,ABT,DXCM,BSX,LIVN
171	CANADA PENSION PLAN INVESTMENT BOARD	Reduce	Medium	4,226	-18,994	506,747	596,584	UW	UW	ABT,MDT,BSX,DXCM
172	EXCHANGE TRADED CONCEPTS LLC	Add	High	4,133	1,642	5,478	583,456	OW	OW	MDT,PEN,DXCM,BSX,ABT
173	PROSHARE ADVISORS LLC	Add	High	4,114	-450	256,769	580,773	UW	UW	ABT,MDT,DXCM,BSX,PEN
174	HRT FINANCIAL LLC	Reduce	High	4,095	0	55,965	578,091	UW	OW	LIVN
175	M&G INVESTMENT MANAGEMENT LTD.	Reduce	High	4,073	0	228,771	574,985	OW	UW	MDT,DXCM,ABT,BSX
176	O'SHAUGHNESSY ASSET MANAGEMENT LLC	Reduce	High	4,070	-1,458	87,317	574,562	OW	OW	MDT,ABT,BSX,DXCM,NUVA
177	WELLS FARGO CLEARING SERVICES LLC	Add	Medium	4,048	-5,697	276,702	571,456	OW	UW	ABT,MDT,BSX,DXCM,NUVA
178	AMERICAN CENTURY INVESTMENT MANAGEMENT, INC.	Reduce	High	3,968	-672	728,738	560,163	OW	UW	MDT,ABT,BSX,DXCM,PEN
179	ZURCHER KANTONALBANK (INVESTMENT MANAGEMENT)	Add	Medium	3,811	579	48,623	537,999	OW	UW	MDT,ABT,BSX,DXCM,PEN
180	BLACKROCK JAPAN CO., LTD.	Reduce	Medium	3,755	-275	22,438	530,093	OW	UW	ABT,MDT,BSX,DXCM,PEN
181	QUBE RESEARCH & TECHNOLOGIES LTD.	Reduce	Medium	3,724	0	28,291	525,717	UW	UW	MDT,BSX,DXCM,PEN,NUVA
182	LPL FINANCIAL LLC	Add	Medium	3,582	643	80,445	505,671	UW	UW	ABT,MDT,BSX,DXCM,NUVA
183	FINANCIAL COUNSELORS, INC.	Reduce	High	3,435	-365	18,731	484,919	OW	OW	MDT,ABT,BSX,DXCM
184	CITIGROUP GLOBAL MARKETS, INC. (BROKER)	Add	Medium	3,307	2,685	184,596	466,849	OW	UW	MDT,ABT,BSX,DXCM,NUVA
185	BLACKROCK ASSET MANAGEMENT SCHWEIZ AG	Hold	High	3,295	0	8,667	465,155	OW	OW	ABT,MDT,BSX,DXCM,PEN
186	BG FUND MANAGEMENT LUXEMBOURG SA	Add	Low	3,264	0	4,483	460,779	OW	OW	ABT,MDT,DXCM,BSX,PEN
187	WELLINGTON MANAGEMENT CO. LLP	Reduce	Medium	2,993	0	2.09 M	422,522	OW	UW	MDT,ABT,BSX,NUVA,DXCM
188	RAYMOND JAMES & ASSOCIATES, INC. (INVT MGMT)	Add	Medium	2,935	3	157,047	414,334	OW	UW	MDT,ABT,BSX,DXCM,NUVA
189	AMERITAS INVESTMENT PARTNERS, INC.	Hold	Low	2,861	-105	16,039	403,887	UW	OW	ABT,MDT,PEN,DXCM,NUVA

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Value	Weighting (OW or UW)		
								Sector/Mkt	Stock/Sector	Peer Exposure
190	QMA LLC	Reduce	Medium	2,675	-76	148,741	377,630	OW	UW	ABT,MDT,BSX,DXCM,PEN
191	CENTIVA CAPITAL LP	Reduce	High	2,645	0	19,567	373,395	OW	OW	MDT,ABT
192	FIRST REPUBLIC INVESTMENT MANAGEMENT, INC.	Reduce	Medium	2,480	0	54,616	350,102	OW	UW	ABT,MDT,BSX,PEN,DXCM
193	POLAR CAPITAL LLP	Add	Medium	2,444	0	225,068	345,019	OW	UW	MDT,DXCM
194	UBS FINANCIAL SERVICES, INC.	Reduce	Medium	2,304	1,790	432,946	325,256	UW	UW	MDT,ABT,BSX,DXCM,NUVA
195	FOX RUN MANAGEMENT LLC	Reduce	High	2,211	0	5,333	312,127	UW	OW	BSX
196	ERGOTELES LLC	Reduce	High	2,200	0	52,445	310,574	OW	OW	
197	E*TRADE CAPITAL MANAGEMENT LLC	Reduce	Medium	2,099	361	7,003	296,316	OW	OW	ABT,MDT,BSX,DXCM
198	GOTHAM ASSET MANAGEMENT LLC	Add	High	1,930	-9,677	33,384	272,458	UW	UW	MDT,ABT,DXCM,NUVA,BSX
199	INDEXIQ ADVISORS LLC	Add	High	1,879	103	82,481	265,258	OW	OW	MDT,ABT,BSX,NUVA
200	SCIENCAST MANAGEMENT LP	Reduce	High	1,800	0	3,097	254,106	UW	OW	MDT,BSX,PEN,NUVA
201	TEACHER RETIREMENT SYSTEM OF TEXAS	Add	High	1,746	0	210,951	246,483	OW	UW	ABT,MDT,BSX,DXCM,PEN
202	WALLEYE CAPITAL LLC	Reduce	High	1,697	0	33,855	239,565	UW	OW	
203	LOCKWOOD ADVISORS, INC.	Reduce	Medium	1,647	-93	7,249	232,507	UW	UW	MDT,ABT,BSX,DXCM
204	OPPENHEIMER & CO., INC. (WEALTH MANAGEMENT)	Reduce	Low	1,504	0	31,975	212,320	OW	UW	MDT,ABT,DXCM,BSX
205	TUDOR INVESTMENT CORP.	Add	High	1,491	-8,822	125,341	210,484	UW	UW	BSX,NUVA,PEN,MDT
206	BNY MELLON SECURITIES CORP.	Add	High	1,423	895	2,097	200,885	UW	OW	ABT,MDT,DXCM
207	WELLS FARGO ADVISORS FINANCIAL NETWORK LLC	Add	High	1,408	342	77,593	198,767	OW	UW	ABT,MDT,DXCM,BSX,PEN
208	MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD.	Add	High	1,312	0	17,603	185,215	OW	OW	PEN,NUVA,LIVN
209	NISA INVESTMENT ADVISORS LLC	Add	Medium	1,100	800	89,280	155,287	OW	UW	ABT,MDT,BSX,DXCM,LIVN
210	SUNTRUST ADVISORY SERVICES, INC.	Add	Medium	1,052	449	13,143	148,511	OW	UW	ABT,MDT,BSX,DXCM,PEN
211	MORGAN STANLEY INVESTMENT MANAGEMENT, INC.	Reduce	Medium	700	400	1.83 M	98,819	UW	UW	DXCM,PEN,ABT,MDT,BSX
212	HARVEST FUND MANAGEMENT CO., LTD.	Reduce	Low	680	229	20,796	95,996	UW	OW	ABT,DXCM,MDT,BSX
213	BLACKROCK ASSET MANAGEMENT CANADA LTD.	Add	Medium	657	62	56,567	92,749	OW	UW	ABT,MDT,BSX,DXCM,PEN
214	BLACKROCK INVESTMENT MANAGEMENT (AUSTRALIA) LTD.	Reduce	Medium	621	-104	11,403	87,667	UW	UW	ABT,MDT,BSX,DXCM,PEN
215	BMO FAMILY OFFICE LLC	Hold	Low	534	0	5,222	75,385	UW	UW	ABT,MDT,DXCM,BSX,PEN
216	RBC GLOBAL ASSET MANAGEMENT, INC.	Reduce	Low	508	-608	249,762	71,714	OW	UW	ABT,MDT,BSX,DXCM,NUVA

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217	GROUP ONE TRADING LP	Reduce	Medium	216	0	29,081	30,493	OW	UW	BSX,DXCM,ABT
218	JPMORGAN SECURITIES LLC (INVESTMENT MANAGEMENT)	Add	Low	212	0	315,261	29,928	UW	UW	ABT,DXCM,MDT,BSX,NUVA
219	SECURITIES AMERICA ADVISORS, INC.	Add	High	175	-15	14,223	24,705	UW	UW	ABT,MDT,DXCM,BSX,PEN
220	QUADRANT CAPITAL GROUP LLC	Hold	High	170	0	13,856	23,999	OW	UW	ABT,MDT,BSX,DXCM,PEN
221	FLAGSHIP HARBOR ADVISORS LLC	Hold	High	153	0	1,375	21,599	UW	UW	ABT,MDT,BSX,DXCM
222	BARCLAYS CAPITAL, INC.	Add	Medium	137	-127	73,514	19,340	UW	UW	MDT,ABT,BSX,DXCM,LIVN
223	ARBOR POINT ADVISORS LLC	Add	Low	130	20	1,634	18,352	UW	UW	ABT,MDT,BSX,DXCM,NUVA
224	PNC BANK, NA (INVESTMENT MANAGEMENT)	Reduce	Medium	111	0	65,917	15,670	OW	UW	ABT,MDT,BSX,DXCM,LIVN
225	ROYAL ALLIANCE ASSOCIATES, INC. (INVESTMENT MANAGEMENT)	Add	Medium	108	0	6,992	15,246	UW	UW	ABT,MDT,BSX,DXCM,NUVA
226	STEWART PARTNERS INVESTMENT ADVISORY LLC	Reduce	Medium	101	-4	5,569	14,258	UW	UW	MDT,ABT,BSX,DXCM,PEN
227	CSAT INVESTMENT ADVISORY LP	Add	High	97	14	2,018	13,693	UW	UW	ABT,MDT,BSX,DXCM,PEN
228	VIRTUS ALTERNATIVE INVESTMENT ADVISERS, INC.	Reduce	High	77	0	134	10,870	OW	OW	PEN
229	PATHSTONE FAMILY OFFICE LLC	Reduce	High	70	45	4,973	9,882	UW	UW	BSX,ABT,MDT,NUVA
230	ADVISORY SERVICES NETWORK LLC	Reduce	High	66	0	10,789	9,317	UW	UW	ABT,MDT,DXCM,BSX,PEN
231	STRATEGIC ADVISERS LLC	Add	Medium	65	-80	164,857	9,176	UW	UW	ABT,MDT,BSX,DXCM,PEN
232	TRUSTCORE FINANCIAL SERVICES LLC	Hold	High	58	0	1,217	8,188	OW	UW	ABT,MDT,BSX
233	HANSEATIC MANAGEMENT SERVICES, INC.	Hold	Medium	43	15	2,017	6,070	OW	OW	ABT,DXCM
234	GLENMEDE INVESTMENT MANAGEMENT LP	Add	Low	40	0	70,889	5,647	OW	UW	ABT,MDT,NUVA,BSX,DXCM
235	WELLS FARGO SECURITIES LLC	Add	Medium	39	-3,051	72,172	5,506	UW	UW	ABT,BSX,DXCM
236	SAGEPOINT FINANCIAL, INC. (INVESTMENT MANAGEMENT)	Hold	Medium	30	0	4,617	4,235	UW	UW	ABT,MDT,DXCM,BSX,NUVA
237	PNC INVESTMENTS LLC	Add	Medium	21	0	8,867	2,965	OW	UW	ABT,MDT,DXCM,BSX,NUVA
238	TRIAD HYBRID SOLUTIONS LLC	Hold	High	21	0	5,499	2,965	UW	UW	ABT,MDT,DXCM,BSX,PEN
239	TCI WEALTH ADVISORS, INC.	Reduce	Low	9	-3	1,190	1,271	OW	UW	ABT,MDT,DXCM,BSX,NUVA
240	INSTITUTIONAL & FAMILY ASSET MANAGEMENT LLC	Hold	High	8	0	768	1,129	OW	UW	ABT,MDT,DXCM,PEN
241	LMCG INVESTMENTS LLC	Reduce	High	6	-2	100,160	847	OW	UW	ABT,NUVA,MDT,BSX
242	SIGNATUREFD LLC	Hold	Medium	5	0	2,594	706	UW	UW	ABT,MDT,DXCM,BSX,PEN
243	FIRST HORIZON ADVISORS, INC.	Hold	Low	4	0	10,018	565	OW	UW	ABT,MDT,PEN,BSX,DXCM

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Value	Weighting (OW or UW)		
								Sector/Mkt	Stock/Sector	Peer Exposure
244	BMO ASSET MANAGEMENT, INC.	Reduce	High	4	0	148,811	565	OW	UW	MDT,ABT,BSX,DXCM,PEN
245	VERSANT CAPITAL MANAGEMENT, INC.	Hold	High	3	0	325	424	OW	UW	ABT,MDT,BSX,DXCM,NUVA
246	GLASSMAN WEALTH SERVICES LLC	Hold	High	3	0	493	424	UW	UW	MDT,ABT,DXCM,BSX
247	MERRILL LYNCH INTERNATIONAL (INVESTMENT MANAGEMENT)	Add	High	3	1	385,622	424	OW	UW	NUVA,MDT,ABT,DXCM,LIVN
248	PICTET ASSET MANAGEMENT (EUROPE) SA (ITALY)	Hold	High	0	0	6,858	0	OW	OW	ABT,MDT,BSX,DXCM
249	WEATHERBIE CAPITAL LLC	Add	High	0	0	456,906	0	OW	OW	DXCM
250	ALLIANZ GLOBAL INVESTORS GMBH (UK)	Add	High	0	0	34,325	0	OW	OW	ABT