

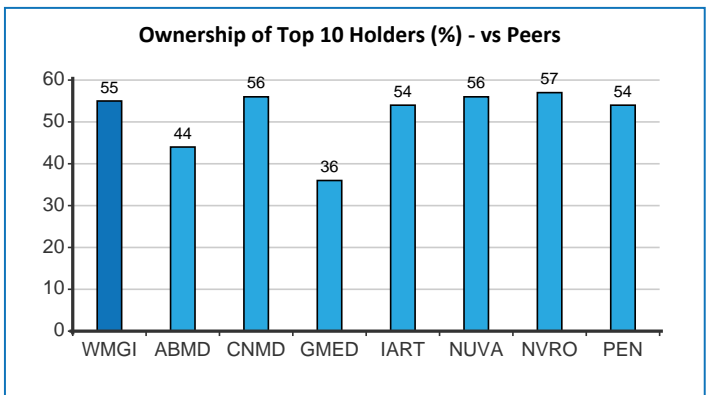
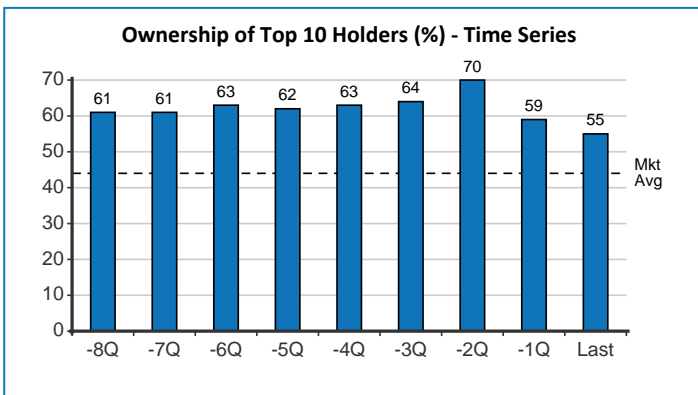
Intro-act Ownership Score: 4.0 / 5.0

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 WMGI owned 55% of total shares outstanding, which is 8 points lower than the 8-quarter rolling average. WMGI's ownership concentration compares to 51% across peers and 44% across the Russell 3000. Collectively, Intro-act expects top holders to be net buyers over the next 90 days. Common characteristics of top holders include: Large investors with an aggressive growth focus. The strongest relative regions are the West and California.



Intro-act Score: 1.0

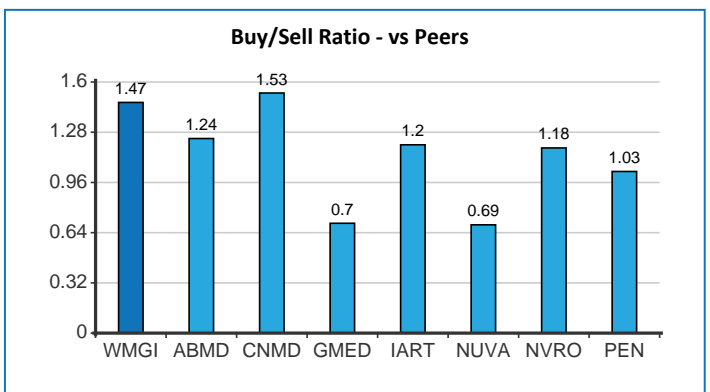
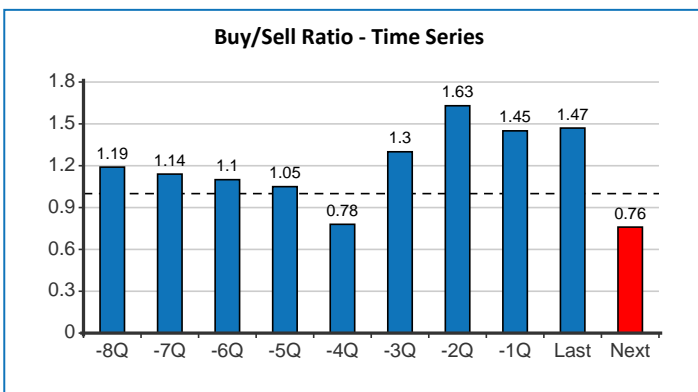


Directionality is an important factor when preparing the messaging and timing of marketing. Intro-act uses the ratio of the number of buyers divided by the number of sellers to measure directionality, thus a higher buy/sell ratio is better. We treat each institution equally, rather than weighting buyers 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 2Q19, Intro-act expects there will be 87 investors who add to their position vs. 114 investors who reduce their position in WMGI. This represents a 0.76 buy/sell ratio (vs. 1.47 in the previous quarter) compared to 0.96 for WMGI's closest peers and 1.12 for the market.



Intro-act Score: 5.0

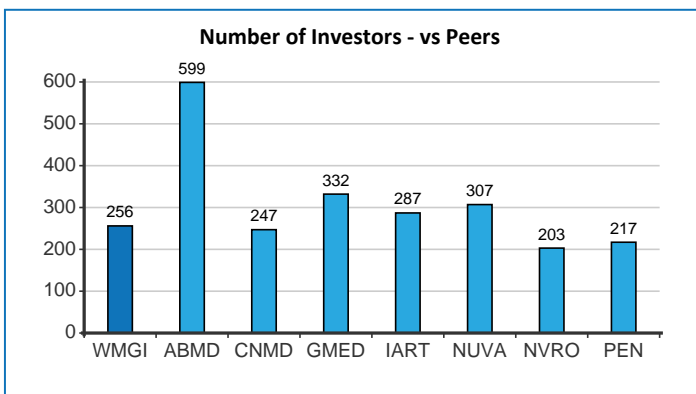
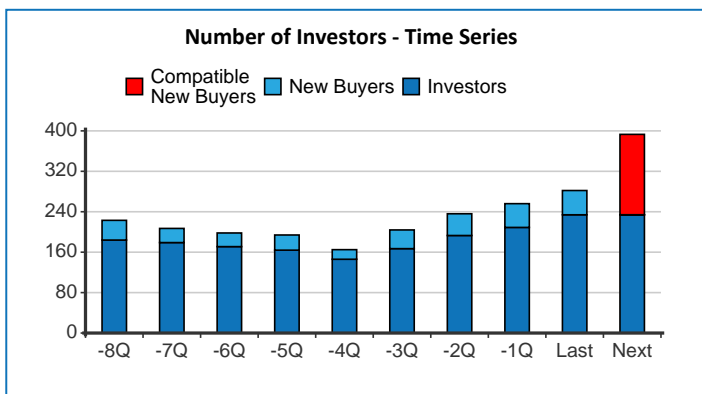


Breadth is an important factor to analyze how effective a company is at reaching new investors and having an investment message that is broadly understood and endorsed. Intro-act uses the total number of institutional holders to measure breadth. Having more investors is inherently better as it promotes 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 2Q19, Intro-act expects there to be 393 institutional owners vs. 218 from the 8-quarter rolling average, suggesting breadth of ownership is increasing. WMGI’s average peer has 476 institutional owners. Additionally, Intro-act has identified 159 potential new buyers that we rate as compatible to become a WMGI shareholder. This compares to 205 potential new buyers for WMGI’s peers.



Intro-act Score: 4.0

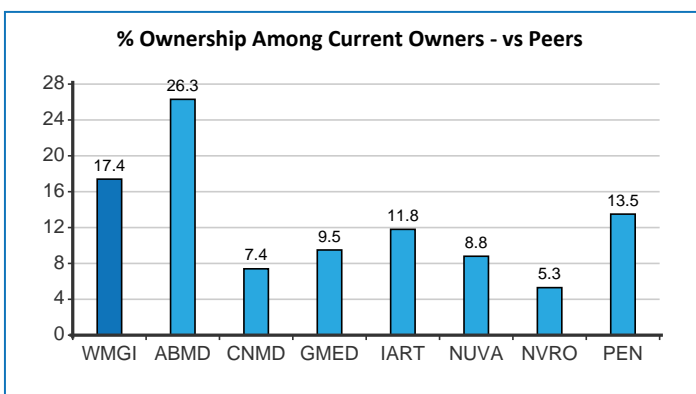
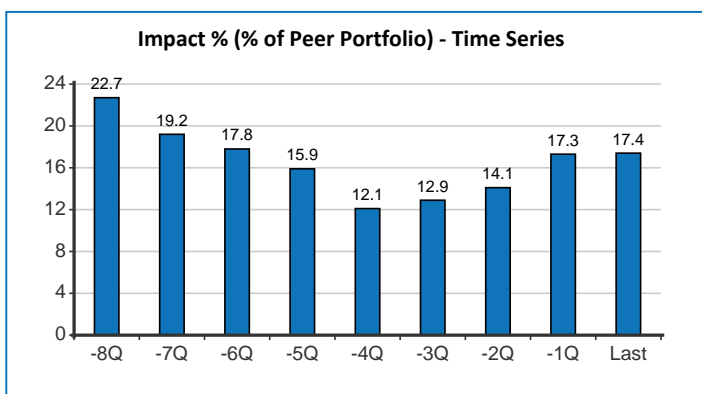


Impact is an important factor to determine investors’ trading behavior in the context of sector rotation vs. company specific drivers. Intro-act aggregates the portfolio across all of a specific company’s existing owners. Then it calculates the percent of the portfolio allocated to that specific company 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 1Q19, the 256 institutional investors that owned WMGI had a 17.4% weighting of WMGI shares relative to its seven closest peers. This compares to an 8-quarter rolling average of 16.5%, suggesting WMGI’s current owners are increasing their exposure to WMGI relative to its peers.



Intro-act Score: 4.0

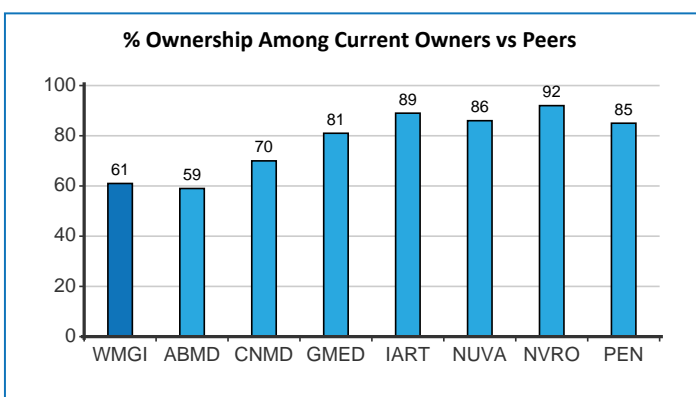
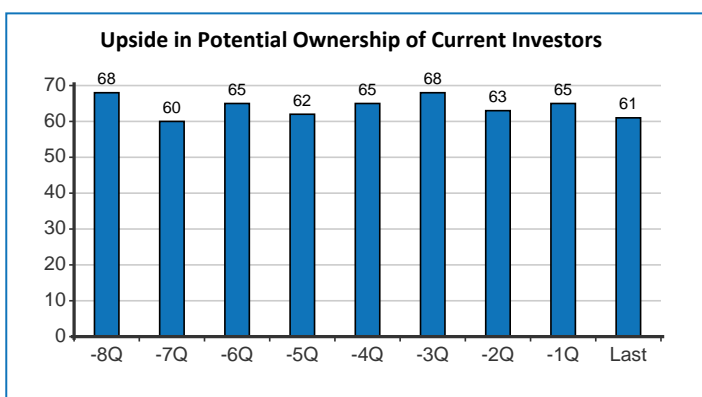


Depth is an important factor to analyze how much buying support can come from current investors. Intro-act uses the metric of Buying Potential, which is a simple average of three methods (largest prior position, largest peer position, and index weight) to calculate the theoretical upside in ownership 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 WMGI’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 WMGI’s current owners could grow their position by 61% on average, as compared with the 8-quarter rolling average of 64%. This compares to the 75% average incremental buying power across WMGI’s closest peers.



Intro-act Score: 5.0

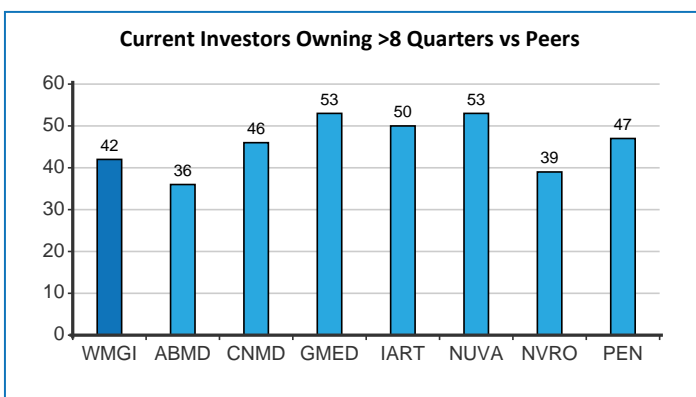
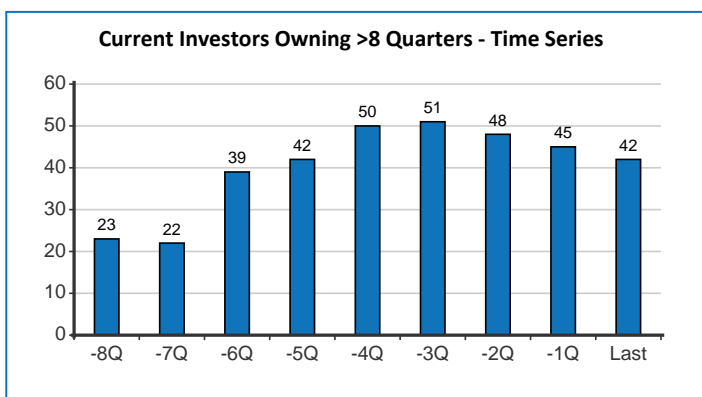


Duration is an important factor to analyze how effective a company is at maintaining owners (investors) vs. renters (traders) of their stock. Intro-act believes that unlike the other five factors, investor duration is not a metric to optimize, but rather track and be aware. A healthy mix of investors 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.

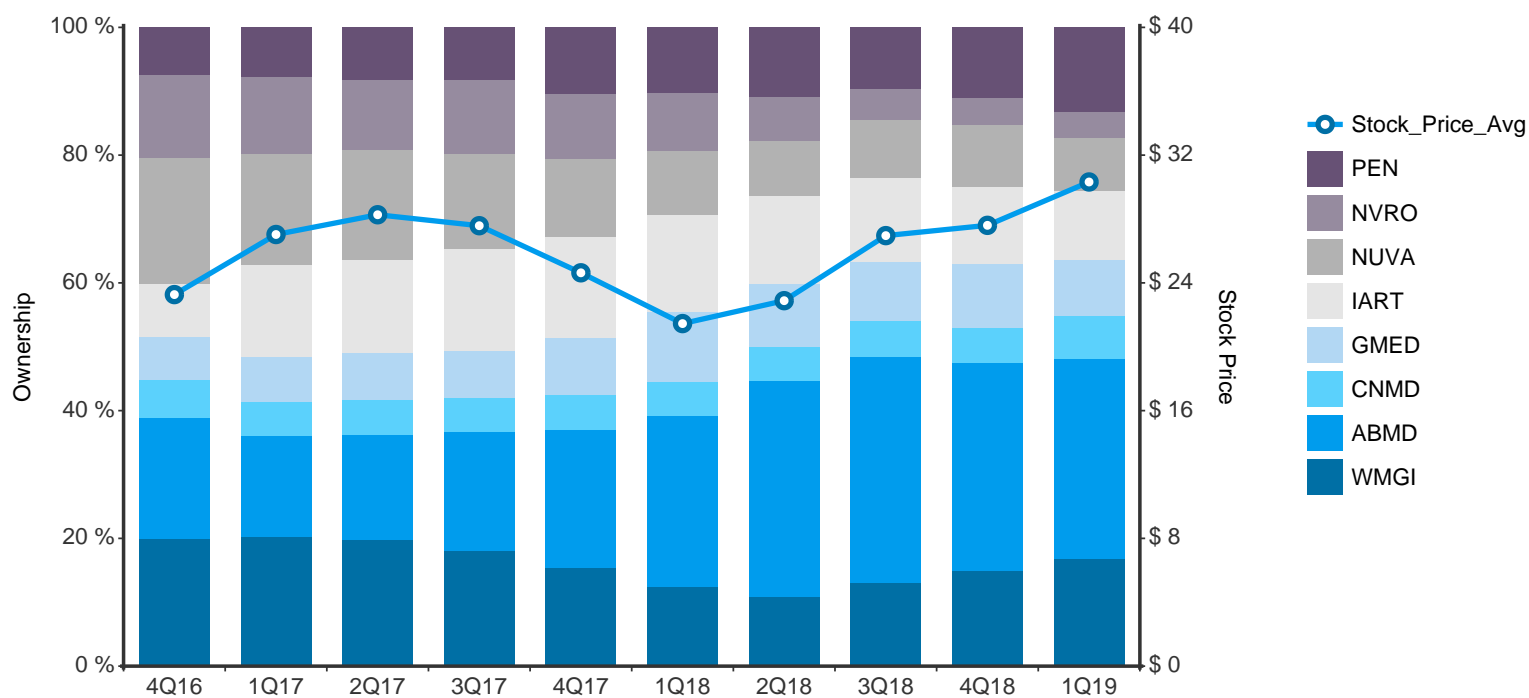
DURATION – Owners’ Time: In 1Q19, 42% of institutional investors were WMGI shareholders for >8 quarters (vs. 46% for its peers and 48% for the market). 78% of current owners increased their positions in WMGI relative to their average position over the last 8 quarters (vs. 67% for its peers and 67% for the market). Intro-act scores 48% of institutional shareholders as WMGI owners (holders for >4 quarters) vs. 51% renters (<4 quarters).



Intro-act Score: 5.0



Ownership vs. Peers Across WMGI's Current Institutional Owners



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

	WMGI	Mkt Avg	Peer Avg	ABMD	CNMD	GMED	IART	NUVA	NVRO	PEN
Institutional Owners (1Q19)	256	273	313	599	247	332	287	307	203	217
Adds	137	121	141	294	133	119	140	110	97	97
Sellers	93	110	136	238	87	171	117	160	82	94
Holdings	26	42	36	67	27	42	30	37	24	26
Buy/Sell Ratio	1.47	1.10	1.04	1.24	1.53	0.70	1.20	0.69	1.18	1.03
Predictions (2Q19)	393	262	476	923	373	485	436	470	339	309
New (Compatible)	159	90	205	379	149	219	184	219	169	117
Adds	87	77	108	209	95	84	105	102	84	77
Sellers	114	69	123	262	89	150	111	104	56	89
Holdings	33	26	40	73	40	32	36	45	30	26
Buy/Sell Ratio	0.76	1.12	0.96 *	0.80	1.07	0.56	0.95	0.98	1.50	0.87

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

	WMGI	Mkt Avg	Peer Avg	ABMD	CNMD	GMED	IART	NUVA	NVRO	PEN
Active vs. Passive										
Active	98.8	99.0	98.6	99.1	97.9	98.5	97.8	98.3	98.5	99.5
Passive	1.2	1.0	1.4	0.9	2.1	1.5	2.2	1.7	1.5	0.5
Size of Investor (by AUM)										
< \$500 Mn	19.3	29.9	18.4	23.0	15.5	18.5	15.1	17.8	18.1	15.1
\$500 Mn - \$2Bn	16.0	18.0	16.6	17.9	12.4	18.2	18.3	14.1	16.5	16.6
\$2Bn - 10Bn	22.7	21.1	26.8	28.5	27.0	26.4	25.8	30.8	22.3	22.6
>10Bn	42.0	31.0	38.3	30.6	45.1	37.0	40.9	37.3	43.1	45.7
Investor Type										
Hedge Fund	13.4	10.0	11.3	9.7	10.6	11.2	12.3	9.1	16.5	13.6
Investment Manager	22.3	25.9	21.3	20.9	19.9	19.4	22.6	23.2	20.2	23.1
Mutual Fund	23.1	17.4	20.5	20.7	21.7	22.4	19.4	19.2	17.0	22.6
Pension & Endowment	1.3	1.9	2.9	2.9	4.0	2.6	4.0	2.5	1.6	2.0
Other	39.9	44.8	44.0	45.8	43.8	44.4	41.7	46.0	44.7	38.7
Investor Style										
Aggressive Growth	4.8	1.2	2.2	3.2	0.8	1.2	1.1	1.0	3.0	4.7
Growth	71.0	50.0	66.4	59.5	71.9	65.5	69.8	64.3	72.5	73.0
GARP	12.7	26.4	18.5	24.4	14.0	19.7	16.2	22.7	10.0	11.4
Passive / Index	1.2	1.0	1.4	0.9	2.1	1.5	2.2	1.7	1.5	0.5
Value	0.8	6.5	2.1	2.1	2.9	1.8	2.9	2.7	1.5	0.5
Deep Value	0.0	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.5	0.5
Income	6.7	10.8	6.6	6.0	5.8	8.0	5.8	6.3	7.5	7.6
Other	2.8	3.9	2.6	3.9	2.1	2.2	2.2	1.3	3.5	1.9
Region										
California	10.5	8.2	8.3	6.6	6.6	5.6	9.1	10.5	12.2	10.6
Chicago	10.9	10.7	10.7	10.6	9.3	12.8	11.5	10.5	5.9	13.1
Mid-Atlantic	9.7	10.4	10.1	10.4	10.6	11.8	11.9	10.5	6.9	6.0
Midwest	7.1	7.9	7.3	8.5	5.8	8.2	7.5	7.2	6.4	5.5
Mountain	1.3	2.7	2.6	2.9	2.2	2.3	2.8	2.9	2.1	2.5
New England	8.0	7.8	7.6	7.9	8.8	6.3	8.7	7.6	5.9	8.0
NY/CT/NJ	26.9	23.2	24.4	20.3	27.0	21.7	23.8	23.9	35.6	26.6
South	5.5	8.3	6.2	5.8	6.2	6.9	6.3	7.2	4.3	6.0
Texas	2.9	3.8	3.6	3.9	5.3	3.3	2.8	3.6	3.7	2.5
West	3.4	2.5	2.8	2.1	4.4	3.6	3.2	2.9	1.1	2.0
Canada	3.4	3.3	3.0	4.1	2.7	3.3	1.6	2.5	3.2	2.5
Europe	8.4	8.0	9.6	10.6	8.4	10.5	8.3	8.3	9.6	10.6
Other	2.1	3.2	3.8	6.2	2.7	3.6	2.4	2.2	3.2	4.0

S.No	Firm Name	Potential (Shrs)	Previous Owner	Sector/Mkt	Peer Exposure
1	CRESTLINE MANAGEMENT, LP	4.81 M	Y	UW	
2	PERCEPTIVE ADVISORS LLC	4.66 M	Y	UW	NVRO,PEN
3	DEERFIELD MANAGEMENT CO	1.75 M	Y	OW	NVRO
4	WADDELL & REED FINANCIAL, INC.	1.63 M	Y	UW	ABMD,PEN
5	AMERIPRISE FINANCIAL, INC.	1.49 M	Y	OW	ABMD,PEN,CNMD,NUVA,IART
6	CAMBER CAPITAL MANAGEMENT LLC	1.43 M	Y	OW	NUVA
7	VICTORY CAPITAL MANAGEMENT INC	1.13 M	Y	UW	ABMD,NUVA,GMED,CNMD,PEN
8	JENNISON ASSOCIATES LLC	1.06 M	Y	UW	IART,ABMD,GMED,NUVA,NVRO
9	NORGES BANK	1.02 M	Y	UW	NVRO,GMED,PEN,IART,ABMD
10	FIRST MANHATTAN CO.	980,181	Y	UW	
11	CADIAN CAPITAL MANAGEMENT, LP	957,241	Y	UW	
12	MARSHALL WACE LLP	953,813	Y	OW	CNMD,IART,GMED,ABMD,PEN
13	BT INVESTMENT MANAGEMENT LTD	951,381	Y	UW	ABMD,CNMD
14	MAGNETAR FINANCIAL LLC	951,221	Y	UW	
15	SUSQUEHANNA INTERNATIONAL GROUP, LLP	892,801	Y	UW	ABMD,CNMD,NUVA,NVRO,PEN
16	CNH PARTNERS, LLC	784,002	Y	UW	
17	BIRCHVIEW CAPITAL, LP	730,070	Y	UW	
18	ALPINE ASSOCIATES MANAGEMENT INC.	703,627	Y	UW	
19	LAZARD ASSET MANAGEMENT LLC	688,388	Y	UW	PEN,ABMD
20	BROADFIN CAPITAL, LLC	655,273	Y	UW	NVRO,IART
21	GHOST TREE CAPITAL, LLC	622,385	Y	UW	
22	COMMONWEALTH BANK OF AUSTRALIA	620,286	Y	UW	ABMD
23	BROWN ADVISORY INC	592,045	Y	UW	IART,ABMD,PEN
24	GRANITE INVESTMENT PARTNERS, LLC	528,540	Y	UW	
25	ALYESKA INVESTMENT GROUP, L.P.	527,010	Y	UW	PEN,ABMD
26	KINGDON CAPITAL MANAGEMENT, LLC	503,542	Y	UW	
27	SEGALL BRYANT & HAMILL, LLC	488,841	Y	UW	IART,GMED,NUVA
28	ONTARIO TEACHERS PENSION PLAN BOARD	459,140	Y	UW	ABMD
29	PALISADE CAPITAL MANAGEMENT LLCNJ	415,608	Y	UW	
30	BESSEMER GROUP INC	403,748	Y	UW	CNMD,GMED,IART,NUVA,ABMD
31	DRIEHAUS CAPITAL MANAGEMENT LLC	382,858	Y	UW	GMED,PEN
32	CANNELL PETER B & CO INC	377,458	Y	UW	
33	PANAGORA ASSET MANAGEMENT, INC.	370,443	Y	UW	CNMD,GMED,ABMD,NUVA,IART
34	EULAV ASSET MANAGEMENT	361,736	Y	UW	IART,NVRO
35	STATE OF TENNESSEE, TREASURY DEPARTMENT	361,115	Y	OW	ABMD,CNMD,GMED
36	HIGHLAND CAPITAL MANAGEMENT, L.P.	342,075	Y	UW	NVRO
37	CHARTWELL INVESTMENT PARTNERS, LLC	329,001	Y	UW	ABMD,GMED
38	SCHONFELD STRATEGIC ADVISORS LLC	326,530	Y	OW	PEN,IART,NUVA
39	NEXT CENTURY GROWTH INVESTORS, LLC	305,792	Y	UW	PEN,ABMD
40	STERLING CAPITAL MANAGEMENT LLC	248,646	Y	UW	
41	PUBLIC EMPLOYEES RETIREMENT ASSOCIATION OF COLORADO	242,776	Y	OW	ABMD,IART,PEN,NUVA,CNMD
42	SPARK INVESTMENT MANAGEMENT LLC	242,442	Y	UW	NVRO,GMED
43	JEFFERIES GROUP LLC	239,368	Y	OW	CNMD,NUVA,IART,ABMD,GMED
44	LAURION CAPITAL MANAGEMENT LP	222,234	Y	UW	PEN,ABMD,IART
45	CORTINA ASSET MANAGEMENT LLC	215,195	Y	OW	

S.No	Firm Name	Potential (Shrs)	Previous Owner	Sector/Mkt	Peer Exposure
46	DELTEC ASSET MANAGEMENT, LLC	210,768	Y	UW	ABMD
47	CARLSON CAPITAL, L.P.	204,738	Y	UW	
48	CONNOR, CLARK & LUNN INVESTMENT MANAGEMENT LTD.	203,649	Y	UW	ABMD
49	FACTORY MUTUAL INSURANCE COMPANY	200,765	Y	OW	
50	JACOBS LEVY EQUITY MANAGEMENT, INC	191,100	Y	UW	GMED
51	BLUEMOUNTAIN CAPITAL MANAGEMENT, LLC	184,205	Y	UW	NUVA,GMED,IART,ABMD,NVRO
52	MUTUAL OF AMERICA CAPITAL MANAGEMENT LLC	181,100	Y	OW	GMED,IART,NUVA,ABMD,PEN
53	BANK OF NOVA SCOTIA	172,919	Y	UW	ABMD
54	GRANITE POINT CAPITAL MANAGEMENT, L.P.	171,784	Y	UW	
55	CREDIT AGRICOLE S.A.	169,796	Y	UW	GMED,ABMD
56	ARROWGRASS CAPITAL PARTNERS (US) LP	155,619	Y	UW	
57	EPOCH INVESTMENT PARTNERS, INC.	153,293	Y	UW	ABMD
58	MIRAE ASSET GLOBAL INVESTMENTS CO., LTD.	144,606	Y	OW	ABMD
59	IONIC CAPITAL MANAGEMENT LLC	140,092	Y	UW	
60	JANE STREET GROUP, LLC	137,814	Y	UW	ABMD,PEN,NVRO,NUVA
61	KBC GROUP NV	124,432	Y	UW	ABMD
62	TEACHERS RETIREMENT SYSTEM OF THE STATE OF KENTUCKY	123,993	Y	UW	IART,NUVA,GMED,ABMD,CNMD
63	DIAM CO., LTD.	117,390	Y	UW	ABMD,IART,GMED
64	WHITEBOX ADVISORS, LLC	113,312	Y	UW	
65	RETIREMENT SYSTEMS OF ALABAMA	111,470	Y	UW	ABMD,GMED,IART,NUVA
66	TEACHER RETIREMENT SYSTEM OF TEXAS	106,052	Y	UW	ABMD,NVRO
67	PDT PARTNERS, LLC	95,890	Y	UW	NVRO
68	CREATIVE PLANNING	94,098	Y	UW	ABMD
69	ARDSLEY ADVISORY PARTNERS	93,439	Y	UW	
70	GROUP ONE TRADING, L.P.	82,773	Y	UW	ABMD,IART,GMED,NVRO,NUVA
71	SUNTRUST BANKS, INC.	82,239	Y	UW	ABMD,GMED
72	CATALYST CAPITAL ADVISORS LLC	82,187	Y	UW	PEN
73	WESTPAC BANKING CORP	79,915	Y	UW	ABMD
74	A.R.T. ADVISORS, LLC	72,420	Y	OW	ABMD,IART,NUVA,NVRO,GMED
75	SEVEN EIGHT CAPITAL, LLC	69,370	Y	OW	NVRO,IART
76	ATLANTIC TRUST GROUP, LLC	68,722	Y	OW	ABMD,NUVA,GMED
77	HIGHVISTA STRATEGIES LLC	68,182	Y	UW	
78	COWEN GROUP INC.	58,669	Y	UW	
79	COMGEST GLOBAL INVESTORS S.A.S.	57,814	Y	UW	NVRO
80	TOCQUEVILLE ASSET MANAGEMENT L.P.	54,674	Y	UW	ABMD,CNMD
81	GLOBEFLEX CAPITAL L P	53,855	Y	UW	CNMD,IART
82	HBK INVESTMENTS L.P.	52,015	Y	UW	PEN,CNMD,NUVA
83	OXFORD ASSET MANAGEMENT	50,560	Y	UW	CNMD,NUVA,NVRO,GMED
84	D.A. DAVIDSON & CO.	48,044	Y	UW	ABMD
85	TREXQUANT INVESTMENT LP	46,774	Y	OW	ABMD,NUVA,NVRO,CNMD,GMED
86	MITSUBISHI UFJ ASSET MANAGEMENT (UK) LTD.	46,215	Y	OW	IART
87	CONTINENTAL ADVISORS LLC	43,623	Y	UW	
88	VIRGINIA RETIREMENT SYSTEMS ET AL	42,182	Y	OW	ABMD,CNMD,GMED,PEN,IART
89	METROPOLITAN LIFE INSURANCE CONY	41,040	Y	UW	ABMD,GMED,NUVA,IART,CNMD
90	QUANTBOT TECHNOLOGIES LP	40,154	Y	OW	ABMD,NVRO,GMED,NUVA,CNMD

S.No	Firm Name	Potential (Shrs)	Previous Owner	Sector/Mkt	Peer Exposure
91	FIFTH THIRD BANCORP	39,949	Y	OW	ABMD,GMED,CNMD,NUVA
92	ALPHAONE INVESTMENT SERVICES, LLC	39,088	Y	UW	
93	ADVISORY SERVICES NETWORK, LLC	37,880	Y	OW	ABMD,CNMD,GMED,NVRO
94	WEXFORD CAPITAL LP	37,712	Y	UW	
95	BOOTHBAY FUND MANAGEMENT, LLC	37,438	Y	UW	ABMD
96	TELEMETRY INVESTMENTS, L.L.C.	37,359	Y	UW	
97	OMERS ADMINISTRATION CORPORATION	32,326	Y	UW	
98	WALLEYE TRADING, LLC	30,022	Y	UW	NVRO,ABMD,GMED
99	QUINN OPPORTUNITY PARTNERS LLC	29,728	Y	UW	
100	ETF MANAGERS GROUP, LLC	29,172	Y	UW	
101	CAPSTONE INVESTMENT ADVISORS, LLC	28,996	Y	UW	ABMD
102	FIRST QUADRANT L PCA	28,996	Y	OW	ABMD,GMED,NUVA,CNMD
103	STEVENS CAPITAL MANAGEMENT LP	27,767	Y	UW	ABMD,IART,PEN,GMED
104	MYRIAD ASSET MANAGEMENT (CAYMAN) LIMITED	27,186	Y	UW	
105	TRELLUS MANAGEMENT COMPANY, LLC	27,034	Y	OW	ABMD
106	COMMONWEALTH OF PENNSYLVANIA PUBLIC SCHOOL EMPLOYEES RETIREM	26,785	Y	UW	IART,CNMD,ABMD,GMED,NUVA
107	DYNAMIC TECHNOLOGY LAB PRIVATE LTD	24,774	Y	UW	ABMD,PEN,NUVA,IART,GMED
108	LANDSCAPE CAPITAL MANAGEMENT, L.L.C.	24,244	Y	UW	
109	PALOMA PARTNERS MANAGEMENT CO	22,971	Y	OW	PEN,IART,ABMD,CNMD
110	ELLINGTON MANAGEMENT GROUP, LLC	21,755	Y	UW	NVRO
111	MANATUCK HILL PARTNERS LLC	20,368	Y	UW	
112	EVERCORE WEALTH MANAGEMENT, LLC	19,935	Y	UW	
113	MEEDER ASSET MANAGEMENT INC	18,278	Y	UW	CNMD,ABMD,GMED,NUVA,IART
114	CSS LLCIL	13,685	Y	UW	
115	CAMPBELL & CO INVESTMENT ADVISER LLC	13,511	Y	UW	PEN,ABMD,IART,NUVA
116	CAXTON ASSOCIATES LP	12,816	Y	UW	GMED,ABMD
117	NATIONAL ASSET MANAGEMENT, INC.	12,800	Y	UW	ABMD,GMED
118	DRW SECURITIES, LLC	11,882	Y	UW	
119	HARTFORD INVESTMENT MANAGEMENT COMPANY	11,522	Y	OW	ABMD,GMED,NUVA
120	INVICTUS RG	11,331	Y	UW	
121	QUANTITATIVE SYSTEMATIC STRATEGIES LLC	10,927	Y	UW	NUVA
122	LENOX WEALTH ADVISORS, INC.	9,405	Y	UW	CNMD
123	RESOURCES INVESTMENT ADVISORS INC	8,964	Y	UW	ABMD,NVRO
124	NELSON, VAN DENBURG & CAMPBELL WEALTH MANAGEMENT GROUP, LLC	7,434	Y	UW	
125	HUNTINGTON NATIONAL BANK	7,340	Y	OW	IART,ABMD,GMED
126	MOSAIC FAMILY WEALTH, LLC	7,049	Y	UW	
127	PARAMETRICA MANAGEMENT LTD.	6,777	Y	UW	IART,NUVA,PEN,GMED
128	PACAD INVESTMENT LTD.	6,383	Y	UW	NUVA,GMED,NVRO,IART
129	CQS CAYMAN LP	6,124	Y	UW	GMED
130	TDAM USA INC.	5,429	Y	UW	
131	MCRAE CAPITAL MANAGEMENT, INC.	5,171	Y	UW	
132	CONTRAVISORY INVESTMENT MANAGEMENT, INC.	4,739	Y	UW	NUVA
133	WOODMONT INVESTMENT COUNSEL, LLC	4,587	Y	UW	
134	ZWJ INVESTMENT COUNSEL INC	4,463	Y	UW	
135	IFP ADVISORS, INC	4,344	Y	UW	ABMD,NUVA,NVRO,GMED,PEN

S.No	Firm Name	Potential (Shrs)	Previous Owner	Sector/Mkt	Peer Exposure
136	FAIRFIELD, BUSH & CO.	4,290	Y	UW	
137	ADVISORNET FINANCIAL, INC	4,001	Y	UW	NUVA,CNMD,NVRO
138	PLANTE MORAN FINANCIAL ADVISORS, LLC	3,673	Y	UW	GMED,IART
139	POINT72 ASIA (HONG KONG) LTD	3,517	Y	UW	PEN,ABMD,NUVA,NVRO,GMED
140	HANSEATIC MANAGEMENT SERVICES, INC.	3,384	Y	UW	ABMD,GMED
141	FORTRESS INVESTMENT GROUP LLC	3,332	Y	UW	
142	INTEROCEAN CAPITAL, LLC	3,245	Y	UW	
143	WASHINGTON TRUST CO	2,914	Y	OW	
144	SG3 MANAGEMENT, LLC	2,326	Y	UW	
145	YORKBRIDGE WEALTH PARTNERS, LLC	1,323	Y	UW	
146	WHITTIER TRUST CO. OF NEVADA, INC.	1,264	Y	OW	
147	NORTHPOINTE CAPITAL, LLC	1,215	Y	UW	GMED
148	MCADAM, LLC	1,193	Y	UW	
149	WILBANKS, SMITH & THOMAS ASSET MANAGEMENT, LLC	999	Y	UW	ABMD
150	CHICAGO PARTNERS INVESTMENT GROUP LLC	776	Y	UW	
151	SAN FRANCISCO SENTRY INVESTMENT GROUP	714	Y	UW	ABMD,GMED
152	TCI WEALTH ADVISORS, INC.	616	Y	OW	ABMD,PEN,CNMD
153	MONETA GROUP INVESTMENT ADVISORS LLC	563	Y	OW	
154	CRYSTAL ROCK CAPITAL MANAGEMENT, LLC	504	Y	UW	
155	ENTERPRISE FINANCIAL SERVICES CORP	460	Y	UW	ABMD
156	PATTEN GROUP, INC.	392	Y	OW	
157	SUMMIT TRAIL ADVISORS, LLC	114	Y	UW	PEN
158	WATERSTONE CAPITAL MANAGEMENT, L.P.	103	Y	UW	
159	PIPER JAFFRAY & CO.	16	Y	UW	

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
1	FMR LLC	Add	Medium	16.58 M	-2.18 M	17.63 M	459.07 M	OW	OW	PEN,IART,CNMD,ABMD,GMED
2	VANGUARD GROUP, INC	Add	High	11.31 M	136,736	12.25 M	313.13 M	OW	OW	ABMD,PEN,GMED,IART,NUVA
3	BLACKROCK, INC.	Add	High	10.5 M	1.4 M	12.51 M	290.71 M	OW	OW	ABMD,GMED,IART,CNMD,NUVA
4	PRICE T ROWE ASSOCIATES INC MD	Reduce	Medium	9.62 M	-341,586	13.13 M	266.51 M	OW	OW	PEN,NUVA,NVRO,ABMD,GMED
5	CAPITAL RESEARCH GLOBAL INVESTORS	Add	Medium	4.56 M	-859,000	5.69 M	126.36 M	OW	OW	IART,CNMD,NUVA
6	ORBIMED ADVISOR, LLC	Add	Low	4.19 M	-718,100	9.33 M	115.96 M	OW	OW	
7	BANK OF AMERICA CORP DE	Add	Medium	3.58 M	-302,938	4.1 M	99.2 M	OW	OW	NUVA,ABMD,CNMD,PEN,IART
8	MILLENNIUM MANAGEMENT LLC	Add	Medium	3.25 M	-1.09 M	4.25 M	89.86 M	OW	OW	NVRO,ABMD,CNMD,PEN,IART
9	HENDERSON GROUP PLC	Reduce	Medium	3.16 M	-440,986	4.8 M	87.6 M	OW	OW	ABMD,GMED,IART,PEN,NUVA
10	REDMILE GROUP, LLC	Add	Medium	2.87 M	336,800	3.85 M	79.58 M	OW	OW	PEN,NVRO
11	FISHER ASSET MANAGEMENT, LLC	Add	Low	2.82 M	-151,720	2.87 M	78.14 M	UW	OW	NUVA,IART,CNMD
12	PALO ALTO INVESTORS, LLC	Add	Low	2.77 M	0	3.38 M	76.74 M	OW	OW	ABMD
13	STATE STREET CORP	Add	Medium	2.71 M	116,108	3.86 M	74.92 M	OW	UW	ABMD,GMED,IART,NUVA,CNMD
14	INVESCO LTD.	Add	Medium	2.56 M	-35,212	3.58 M	70.95 M	OW	OW	PEN,ABMD,IART,CNMD,NVRO
15	AXA	Add	Low	2.53 M	77,156	2.69 M	70.03 M	OW	OW	NUVA,GMED,ABMD,PEN
16	MACQUARIE GROUP LTD	Add	Medium	2.41 M	-123,030	2.45 M	66.77 M	OW	OW	CNMD,ABMD,NUVA,GMED
17	JPMORGAN CHASE & CO.	Reduce	Medium	2.16 M	-68,649	5.08 M	59.75 M	OW	OW	ABMD,NVRO,CNMD,NUVA,IART
18	THRIVENT FINANCIAL FOR LUTHERANS	Add	Low	2.06 M	1.59 M	2.06 M	57.14 M	OW	OW	ABMD,NUVA,NVRO,CNMD,IART
19	LOOMIS SAYLES & CO L P	Add	Low	1.78 M	55,690	1.78 M	49.21 M	OW	OW	PEN,CNMD,GMED
20	NORTHERN TRUST CORP	Add	Medium	1.58 M	-270,530	1.82 M	43.74 M	OW	OW	ABMD,GMED,CNMD,NUVA,IART
21	OPPENHEIMERFUNDS, INC.	Add	Medium	1.5 M	886,324	2.73 M	41.55 M	OW	OW	NVRO,PEN,ABMD,CNMD,IART
22	FIERA CAPITAL CORP	Reduce	Medium	1.5 M	-90,752	1.53 M	41.44 M	OW	OW	GMED
23	CITADEL ADVISORS LLC	Add	Medium	1.48 M	-666,691	2.04 M	40.85 M	OW	OW	ABMD,NVRO,CNMD,NUVA,GMED
24	WELLS FARGO & COMPANYMN	Add	Medium	1.46 M	581	1.75 M	40.53 M	OW	OW	PEN,ABMD,GMED,NUVA,CNMD
25	BRIDGER MANAGEMENT, LLC	Add	Low	1.42 M	0	2.28 M	39.44 M	OW	OW	NVRO
26	GEODE CAPITAL MANAGEMENT, LLC	Add	High	1.42 M	94,335	1.54 M	39.26 M	OW	OW	ABMD,PEN,GMED,IART,NUVA
27	GOLDMAN SACHS GROUP INC	Reduce	Medium	1.41 M	-330,221	1.87 M	39.03 M	OW	OW	ABMD,NUVA,CNMD,GMED,PEN
28	GLENMEDE TRUST CO., N.A.	Add	Low	1.34 M	-124,322	1.48 M	37.21 M	OW	OW	NUVA,ABMD,CNMD,GMED,IART

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Value	Weighting (OW or UW)		
								Sector/Mkt	Stock/Sector	Peer Exposure
29	VOYA INVESTMENT MANAGEMENT LLC	Reduce	Low	1.31 M	-637,978	1.77 M	36.14 M	OW	OW	CNMD,ABMD,GMED,PEN,NUVA
30	NOMURA HOLDINGS INC.	Reduce	Medium	1.2 M	213,233	1.2 M	33.25 M	UW	OW	NUVA,CNMD,ABMD,NVRO,PEN
31	HEALTHCOR MANAGEMENT, L.P.	Reduce	Medium	1.19 M	0	1.98 M	32.86 M	OW	OW	CNMD,NVRO
32	DIMENSIONAL FUND ADVISORS LP	Add	Medium	1.14 M	251,455	3.08 M	31.48 M	OW	UW	CNMD,NUVA,GMED,IART,ABMD
33	TEACHERS ADVISORS, INC.	Add	Medium	1.11 M	176,639	1.11 M	30.82 M	OW	OW	ABMD,GMED,CNMD,NUVA,PEN
34	GW&K INVESTMENT MANAGEMENT, LLC	Reduce	Medium	1.06 M	-218,391	1.23 M	29.44 M	OW	OW	GMED
35	EAGLE ASSET MANAGEMENT, INC.	Add	Low	1.05 M	0	1.58 M	29.18 M	OW	OW	ABMD,NUVA,PEN,IART,CNMD
36	RENAISSANCE TECHNOLOGIES LLC	Reduce	Medium	955,907	0	2.49 M	26.47 M	OW	UW	ABMD,GMED,NVRO,PEN,IART
37	ROCK SPRINGS CAPITAL MANAGEMENT LP	Add	Low	920,608	-79,392	1.64 M	25.49 M	OW	OW	PEN,NVRO
38	POINT72 ASSET MANAGEMENT, L.P.	Reduce	Medium	912,876	-1.01 M	2.45 M	25.28 M	OW	OW	CNMD,GMED,NVRO,ABMD,IART
39	PARTNER FUND MANAGEMENT, L.P.	Reduce	Medium	910,190	-474,016	2.31 M	25.2 M	OW	OW	PEN,NVRO
40	CAPITAL WORLD INVESTORS	Hold	Medium	879,857	0	3.4 M	24.36 M	OW	UW	IART,CNMD,NUVA,PEN,NVRO
41	COLUMBUS CIRCLE INVESTORS	Reduce	Medium	870,750	-57,383	1.15 M	24.11 M	OW	OW	ABMD
42	PEREGRINE CAPITAL MANAGEMENT LLC	Reduce	Medium	843,651	-112,623	891,979	23.36 M	OW	OW	
43	TIAA CREF INVESTMENT MANAGEMENT LLC	Reduce	Medium	821,630	95,324	962,689	22.75 M	OW	UW	ABMD,NVRO,PEN,GMED,IART
44	CHICAGO CAPITAL, LLC	Add	Low	805,830	67,384	805,830	22.31 M	OW	OW	ABMD
45	DEUTSCHE BANK AG	Add	Medium	765,535	430,121	1.43 M	21.2 M	OW	OW	ABMD,GMED,NVRO,PEN,NUVA
46	CARILLON TOWER ADVISERS, INC.	Add	Low	756,165	0	1.13 M	20.94 M	OW	OW	ABMD,PEN,NUVA
47	SCHWAB CHARLES INVESTMENT MANAGEMENT INC	Add	High	720,558	68,392	838,733	19.95 M	OW	OW	ABMD,GMED,IART,PEN,NUVA
48	MAN GROUP PLC	Add	Low	710,326	19,340	939,084	19.67 M	OW	OW	GMED,CNMD,NUVA,IART,ABMD
49	HOOD RIVER CAPITAL MANAGEMENT LLC	Add	Low	675,204	19,004	1.08 M	18.7 M	OW	OW	CNMD,IART,NUVA
50	TWO SIGMA INVESTMENTS LP	Reduce	Medium	671,018	0	1.05 M	18.58 M	OW	OW	NUVA,NVRO,ABMD,GMED,CNMD
51	BOWEN, HANES & COMPANY, INC.	Reduce	Low	650,000	150,000	650,000	18 M	OW	OW	
52	D. E. SHAW & CO., INC.	Add	Medium	644,751	213,792	1.73 M	17.85 M	OW	UW	NVRO,PEN,IART,NUVA,ABMD
53	DZ BANK AG DEUTSCHE ZENTRAL GENOSSENSCHAFTS BANK, FRANKFURT AM MAIN	Reduce	Low	625,821	5,995	625,821	17.33 M	OW	OW	
54	ELK CREEK PARTNERS, LLC	Reduce	Medium	604,741	-91,131	961,123	16.75 M	OW	OW	
55	FEDERATED INVESTORS INC PA	Add	Medium	598,174	209,494	1.48 M	16.56 M	OW	UW	PEN,ABMD,GMED,CNMD,NUVA
56	ALLIANCEBERNSTEIN L.P.	Add	Medium	586,109	124,300	1.93 M	16.23 M	OW	UW	PEN,ABMD,GMED,CNMD,NUVA

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Value	Weighting (OW or UW)		
								Sector/Mkt	Stock/Sector	Peer Exposure
57	BANK OF NEW YORK MELLON CORP	Add	Medium	579,167	46,015	1.87 M	16.04 M	OW	UW	ABMD,GMED,NUVA,IART,CNMD
58	BELLEVUE GROUP AG	Add	Medium	573,595	-104,519	1.23 M	15.88 M	OW	OW	ABMD,IART,GMED,NVRO,PEN
59	NEW YORK STATE COMMON RETIREMENT FUND	Add	Medium	569,163	-51,764	917,125	15.76 M	OW	OW	ABMD,PEN,IART,CNMD,GMED
60	STATE OF WISCONSIN INVESTMENT BOARD	Reduce	Low	539,085	123,300	546,322	14.93 M	OW	OW	CNMD,ABMD,IART,NUVA,NVRO
61	TYGH CAPITAL MANAGEMENT, INC.	Reduce	Low	521,415	72,609	521,415	14.44 M	OW	OW	
62	CLEARBRIDGE INVESTMENTS, LLC	Reduce	Medium	509,016	3,510	926,578	14.09 M	UW	OW	IART,PEN
63	WESTFIELD CAPITAL MANAGEMENT CO LP	Reduce	Medium	501,801	-27,413	2.02 M	13.89 M	OW	OW	IART
64	SECTORAL ASSET MANAGEMENT INC.	Reduce	Low	501,272	-33,200	783,702	13.88 M	OW	OW	ABMD
65	GABELLI FUNDS, LLC	Hold	Low	469,000	-2,000	720,603	12.99 M	OW	OW	GMED,NUVA,NVRO,CNMD
66	CAPITAL INTERNATIONAL INVESTORS	Add	Low	465,000	0	784,826	12.88 M	UW	OW	IART
67	DEEPCURRENTS INVESTMENT GROUP LLC	Reduce	Low	457,434	208,048	457,434	12.67 M	OW	OW	
68	IMPAX ASSET MANAGEMENT GROUP PLC	Reduce	Low	445,000	145,000	466,168	12.32 M	OW	OW	
69	KEELEY-TETON ADVISORS, LLC	Reduce	Medium	393,679	-37,595	622,347	10.9 M	OW	OW	
70	PENN CAPITAL MANAGEMENT CO, INC.	Add	Medium	368,260	-78,530	475,047	10.2 M	OW	OW	
71	CASTLEARK MANAGEMENT, L.L.C.	Reduce	High	355,228	-6,217	424,245	9.84 M	OW	OW	ABMD
72	WELLINGTON MANAGEMENT COMPANY, LLP	Add	Medium	354,183	12,065	3.85 M	9.81 M	OW	UW	NUVA,PEN,GMED,IART,ABMD
73	FIL LTD	Reduce	Medium	352,891	1,399	697,978	9.77 M	OW	OW	ABMD
74	EATON VANCE MANAGEMENT	Reduce	Low	318,137	1,476	685,845	8.81 M	OW	OW	ABMD,PEN,IART
75	ROYAL BANK OF CANADA	Reduce	Medium	301,031	30,970	797,861	8.34 M	OW	UW	GMED,NUVA,ABMD,IART,PEN
76	FULLER & THALER ASSET MANAGEMENT, INC.	Reduce	Low	262,409	9,722	561,631	7.27 M	UW	OW	
77	BALYASNY ASSET MANAGEMENT LLC	Reduce	Medium	260,683	-332,621	568,393	7.22 M	OW	OW	IART,CNMD,NVRO,ABMD,NUVA
78	TWO SIGMA ADVISERS, LP	Reduce	Medium	252,061	0	792,321	6.98 M	OW	UW	ABMD,GMED,NUVA,IART,CNMD
79	ENDURANT CAPITAL MANAGEMENT LP	Reduce	Medium	247,417	-34,691	315,919	6.85 M	OW	OW	NVRO
80	FRIESS ASSOCIATES LLC	Reduce	Medium	234,399	4,389	477,245	6.49 M	OW	OW	
81	PIER CAPITAL, LLC	Reduce	Medium	234,241	0	251,709	6.49 M	OW	OW	
82	CREDIT SUISSE AG	Reduce	Medium	221,688	-49,236	1.01 M	6.14 M	OW	OW	ABMD,NVRO,GMED,IART,NUVA
83	NICHOLAS CO INC WI	Reduce	Medium	219,435	450	222,992	6.08 M	OW	OW	NUVA
84	VERITION FUND MANAGEMENT, LLC	Reduce	Medium	219,406	93,354	219,406	6.08 M	OW	OW	IART,ABMD,PEN,NUVA

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
85	SWISS NATIONAL BANK	Add	Medium	216,594	6,700	258,334	6 M	OW	UW	ABMD,PEN,IART,GMED,NUVA
86	RUSSELL INVESTMENTS GROUP, LTD.	Reduce	Low	210,316	1,922	350,952	5.82 M	OW	UW	PEN,IART,GMED,CNMD,ABMD
87	NICHOLAS INVESTMENT PARTNERS, LP	Reduce	Medium	202,359	0	222,882	5.6 M	UW	OW	NVRO,ABMD
88	UBS ASSET MANAGEMENT AMERICAS INC	Add	Low	195,502	-37,237	1.32 M	5.41 M	OW	OW	ABMD,GMED,PEN,IART,NUVA
89	CALIFORNIA STATE TEACHERS RETIREMENT SYSTEM	Reduce	Low	190,396	-4,461	199,722	5.27 M	OW	OW	ABMD,PEN,IART,GMED,NUVA
90	J. GOLDMAN & CO., L.P.	Reduce	Medium	188,375	49,134	233,938	5.22 M	OW	OW	CNMD,NVRO
91	GAMCO INVESTORS, INC. ET AL	Reduce	Low	183,530	0	479,803	5.08 M	OW	OW	NUVA,CNMD,NVRO,GMED
92	CHICAGO EQUITY PARTNERS LLC	Reduce	Medium	181,345	117,495	193,075	5.02 M	OW	OW	PEN,ABMD,GMED
93	PNC FINANCIAL SERVICES GROUP, INC.	Reduce	Medium	180,659	177,327	454,823	5 M	UW	UW	IART,ABMD,CNMD,GMED,NUVA
94	CITIGROUP INC	Reduce	Medium	177,888	64,855	303,721	4.93 M	UW	UW	ABMD,PEN,GMED,NUVA,NVRO
95	CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM	Reduce	Medium	170,952	33,999	275,859	4.73 M	OW	UW	ABMD,PEN,IART,GMED,NUVA
96	TD ASSET MANAGEMENT INC.	Add	Medium	168,406	-4,500	263,306	4.66 M	OW	OW	ABMD,NVRO,PEN,NUVA
97	PIONEER INVESTMENT MANAGEMENT, INC.	Add	Medium	165,000	-40,400	560,964	4.57 M	OW	UW	ABMD,PEN,NVRO,IART,GMED
98	UNIVERSITY OF NOTRE DAME DU LAC	Reduce	Medium	164,741	84,044	304,172	4.56 M	OW	OW	ABMD
99	RHUMBLINE ADVISERS	Add	Medium	162,620	845	233,369	4.5 M	OW	UW	ABMD,IART,GMED,NUVA,CNMD
100	SIVIK GLOBAL HEALTHCARE LLC	Reduce	Medium	160,000	12,199	160,000	4.43 M	OW	OW	NVRO
101	LEBENTHAL LISANTI CAPITAL GROWTH, LLC	Reduce	Medium	143,530	45,405	143,530	3.97 M	OW	OW	PEN,NVRO
102	PURA VIDA INVESTMENTS, LLC	Reduce	Medium	140,000	-71,200	332,813	3.88 M	OW	OW	GMED,CNMD
103	AMERICAN CAPITAL MANAGEMENT INC	Add	Low	137,443	1,539	787,045	3.81 M	OW	OW	NUVA
104	CAISSE DE DEPOT ET PLACEMENT DU QUEBEC	Reduce	Low	130,000	0	187,206	3.6 M	UW	OW	ABMD
105	TEKLA CAPITAL MANAGEMENT LLC	Add	Low	114,776	-18,615	261,703	3.18 M	OW	OW	ABMD,NUVA,NVRO
106	WEISS MULTISTRATEGY ADVISERS, LLC	Reduce	Medium	110,000	0	110,000	3.05 M	UW	OW	ABMD,NVRO
107	STIFEL FINANCIAL CORP.	Add	Low	102,398	-6,074	1.72 M	2.84 M	OW	UW	NUVA,ABMD,GMED
108	ARROWSTREET CAPITAL, LIMITED PARTNERSHIP	Reduce	Medium	102,139	0	259,736	2.83 M	UW	OW	CNMD,NUVA,GMED,ABMD
109	ADAGE CAPITAL PARTNERS GP, L.L.C.	Reduce	Medium	100,000	-105,606	2.19 M	2.77 M	OW	OW	NVRO,IART,ABMD
110	PARAMETRIC PORTFOLIO ASSOCIATES LLC	Add	Medium	92,805	32,627	389,846	2.57 M	OW	UW	ABMD,IART,CNMD,GMED,NUVA
111	FIRST TRUST ADVISORS L.P.	Reduce	Medium	92,699	-5,954	1.16 M	2.57 M	OW	OW	PEN,ABMD,CNMD,IART,GMED
112	SQUAREPOINT OPS LLC	Reduce	Medium	88,343	21,110	182,812	2.45 M	OW	UW	ABMD,NVRO,IART,CNMD,GMED

S.No	Firm Name	Predicted Action	Confidence	Position	Last Q	Potential	Weighting (OW or UW)			
							Value	Sector/Mkt	Stock/Sector	Peer Exposure
113	TIMPANI CAPITAL MANAGEMENT LLC	Reduce	Medium	87,627	9,894	116,262	2.43 M	OW	OW	PEN
114	SEI INVESTMENTS CO	Add	Medium	81,633	75,417	223,086	2.26 M	OW	UW	ABMD,IART,NUVA,CNMD,GMED
115	AMERICAN INTERNATIONAL GROUP INC	Add	Low	79,297	-2,569	157,616	2.2 M	OW	OW	GMED,IART,NUVA,ABMD,CNMD
116	MANUFACTURERS LIFE INSURANCE COMPANY, THE	Reduce	Low	77,329	1,968	585,084	2.14 M	OW	UW	GMED,IART,ABMD,NVRO,NUVA
117	STATE BOARD OF ADMINISTRATION OF FLORIDA RETIREMENT SYSTEM	Reduce	Low	77,090	-910	111,449	2.13 M	OW	UW	ABMD,PEN,IART,GMED,NUVA
118	BLAIR WILLIAM & COIL	Reduce	Medium	69,941	-2,270	555,612	1.94 M	OW	UW	ABMD,NVRO,NUVA,GMED
119	ALLIANZ ASSET MANAGEMENT AG	Reduce	Low	65,430	-26,170	414,015	1.81 M	OW	UW	GMED,ABMD,CNMD,NVRO,PEN
120	CUBIST SYSTEMATIC STRATEGIES, LLC	Reduce	High	65,072	51,757	87,305	1.8 M	OW	OW	ABMD,IART,NVRO,PEN,GMED
121	LOMBARD ODIER ASSET MANAGEMENT (USA) CORP	Reduce	Medium	65,000	0	76,137	1.8 M	UW	OW	NVRO
122	LEGAL & GENERAL GROUP PLC	Add	Medium	59,090	9,918	385,005	1.64 M	OW	UW	ABMD,GMED,CNMD,IART,NUVA
123	EAM INVESTORS, LLC	Reduce	Medium	58,456	0	86,037	1.62 M	OW	OW	
124	ROANOKE ASSET MANAGEMENT CORP NY	Reduce	Low	54,725	41,775	54,725	1.52 M	OW	OW	
125	US BANCORP DE	Reduce	Low	49,605	5,459	83,851	1.37 M	OW	UW	NUVA,ABMD,GMED,IART,CNMD
126	VOLORIDGE INVESTMENT MANAGEMENT, LLC	Reduce	High	47,728	0	91,542	1.32 M	UW	UW	ABMD
127	TUDOR INVESTMENT CORP ET AL	Reduce	Medium	46,394	-25,004	222,757	1.28 M	OW	OW	ABMD,NUVA,PEN,GMED,IART
128	BARCLAYS PLC	Add	Medium	46,270	43,557	366,077	1.28 M	OW	UW	CNMD,ABMD,NUVA,GMED,PEN
129	SIT INVESTMENT ASSOCIATES INC	Reduce	Low	41,550	0	41,550	1.15 M	OW	OW	ABMD
130	ENVESTNET ASSET MANAGEMENT INC	Reduce	Medium	40,105	184	89,386	1.11 M	OW	UW	ABMD,GMED,IART,NUVA,CNMD
131	PARALLAX VOLATILITY ADVISERS, L.P.	Reduce	High	39,063	39,060	55,418	1.08 M	UW	OW	ABMD,NUVA,CNMD,PEN,NVRO
132	MORGAN STANLEY	Add	Medium	37,616	-165,181	1.63 M	1.04 M	OW	UW	PEN,ABMD,NVRO,GMED,CNMD
133	OPPENHEIMER ASSET MANAGEMENT INC.	Reduce	Low	37,491	-10,354	69,507	1.04 M	OW	OW	NVRO,GMED,NUVA,ABMD
134	AQR CAPITAL MANAGEMENT, LLC	Add	Medium	34,873	19,261	670,002	965,633	OW	UW	ABMD,GMED,NUVA,CNMD,PEN
135	QUADRATURE CAPITAL LTD	Reduce	High	34,411	18,729	58,999	952,841	UW	OW	ABMD,IART
136	BRINKER CAPITAL, INC.	Reduce	Low	33,444	-460	33,597	926,064	OW	OW	ABMD,CNMD,GMED
137	COMERICA BANK	Reduce	Low	31,843	2,000	90,258	881,733	OW	UW	IART,GMED,ABMD,CNMD,NUVA
138	SG AMERICAS SECURITIES, LLC.	Reduce	High	31,644	0	154,395	876,222	OW	UW	ABMD,NUVA,NVRO,IART,GMED
139	BNP PARIBAS ARBITRAGE, SA	Reduce	Medium	30,075	7,122	92,010	832,777	OW	UW	ABMD,GMED,NUVA,CNMD,NVRO
140	DIAMETRIC CAPITAL, LP	Reduce	Medium	28,719	-22,126	36,094	795,229	OW	OW	

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								Sector/Mkt	Stock/Sector	Peer Exposure
141	PRINCIPAL FINANCIAL GROUP INC	Add	Medium	28,712	1,385	647,699	795,035	OW	UW	CNMD,ABMD,IART,GMED,NUVA
142	NEUBERGER BERMAN GROUP LLC	Add	Low	28,000	-22,000	1.66 M	775,320	OW	UW	ABMD,PEN
143	MORGENS WATERFALL VINTIADIS & COMPANY INC.	Reduce	Medium	27,000	0	46,988	747,630	UW	OW	
144	NAVELLIER & ASSOCIATES, INC.	Reduce	High	24,671	0	52,740	683,140	OW	OW	ABMD,GMED
145	RAYMOND JAMES & ASSOCIATES	Add	Low	23,931	15,267	190,249	662,649	OW	UW	ABMD,IART,CNMD,GMED,PEN
146	GSA CAPITAL PARTNERS LLP	Reduce	Medium	23,698	14,159	68,897	656,198	OW	OW	ABMD,GMED,NUVA,IART,CNMD
147	LOS ANGELES CAPITAL MANAGEMENT & EQUITY RESEARCH, INC.	Reduce	Medium	23,510	-5,674	105,233	650,992	OW	UW	ABMD,CNMD,GMED,NVRO,NUVA
148	UNITED SERVICES AUTOMOBILE ASSOCIATION	Add	Low	21,668	3,758	131,299	599,987	OW	UW	ABMD,CNMD,NUVA,GMED,PEN
149	QUANTITATIVE INVESTMENT MANAGEMENT, LLC	Reduce	Medium	21,000	0	128,694	581,490	UW	UW	IART
150	AMERICAN NATIONAL INSURANCE CO TX	Hold	High	20,650	0	20,650	571,798	OW	OW	
151	TOTH FINANCIAL ADVISORY CORPORATION	Reduce	Low	20,600	600	20,600	570,414	OW	OW	GMED
152	GUGGENHEIM CAPITAL, LLC	Reduce	Medium	20,579	0	86,292	569,833	UW	OW	ABMD,GMED,IART,CNMD,NUVA
153	HILLSDALE INVESTMENT MANAGEMENT INC.	Reduce	Low	20,100	2,300	45,628	556,569	UW	OW	CNMD,GMED,ABMD
154	MERCER GLOBAL ADVISORS INC /ADV	Reduce	Low	20,050	0	56,174	555,184	OW	OW	ABMD,CNMD
155	FRED ALGER MANAGEMENT INC	Reduce	Low	20,000	0	1.82 M	553,800	UW	OW	ABMD,NVRO
156	PIER 88 INVESTMENT PARTNERS LLC	Reduce	Medium	19,340	9,900	25,003	535,525	OW	OW	NUVA
157	MOODY NATIONAL BANK TRUST DIVISION	Reduce	Low	18,880	0	18,880	522,787	UW	OW	CNMD,NVRO,GMED,NUVA,ABMD
158	AMALGAMATED BANK	Add	Medium	18,863	595	18,863	522,316	OW	UW	ABMD,PEN,IART,GMED,NUVA
159	COMMERCE BANK	Add	Low	18,830	-3,745	34,456	521,403	OW	OW	GMED
160	APERIO GROUP LLC	Add	Medium	18,636	3,342	107,566	516,031	OW	UW	ABMD,GMED,IART,CNMD,PEN
161	JANNEY MONTGOMERY SCOTT LLC	Add	Low	17,424	483	92,134	482,471	OW	UW	NUVA,ABMD,GMED
162	SHEETS SMITH WEALTH MANAGEMENT	Reduce	Low	16,646	0	17,943	460,928	UW	OW	
163	FIRST MERCANTILE TRUST COMPANY	Reduce	Low	16,252	75	29,346	450,018	OW	OW	CNMD,NUVA
164	STRS OHIO	Reduce	Low	15,700	800	192,924	434,733	OW	UW	ABMD,CNMD,GMED,NVRO,NUVA
165	PENTWATER CAPITAL MANAGEMENT LP	Reduce	Medium	15,000	-5,000	1.07 M	415,350	UW	OW	
166	LPL FINANCIAL LLC	Add	Medium	14,824	2,119	128,617	410,477	UW	UW	ABMD,GMED,NUVA,IART
167	GIDEON CAPITAL ADVISORS, INC.	Reduce	High	14,273	0	17,682	395,219	UW	OW	ABMD,GMED,IART
168	GOTHAM ASSET MANAGEMENT, LLC	Reduce	Medium	14,102	-3,996	164,983	390,484	OW	UW	IART,GMED,NUVA,CNMD,ABMD

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169	EMPLOYEES RETIREMENT SYSTEM OF TEXAS	Hold	Medium	14,000	-7,000	70,479	387,660	OW	UW	ABMD,IART,GMED,NUVA,CNMD
170	UBS GROUP AG	Add	Medium	13,729	2,477	555,749	380,156	OW	UW	ABMD,GMED,IART,NUVA,NVRO
171	SPRINGBOK CAPITAL MANAGEMENT, LLC	Reduce	Medium	13,729	-10,823	36,535	380,156	OW	OW	PEN,GMED,ABMD,NVRO,CNMD
172	CAVALIER INVESTMENTS	Reduce	Low	13,600	0	23,137	376,584	OW	OW	ABMD
173	SIMPLEX TRADING, LLC	Reduce	Medium	13,530	6,152	35,965	374,646	OW	UW	PEN,NVRO,CNMD,NUVA,GMED
174	PROSHARE ADVISORS LLC	Add	Medium	13,521	421	140,143	374,396	OW	UW	ABMD,GMED,NUVA,IART,CNMD
175	INSPIRION WEALTH ADVISORS, LLC	Hold	Low	13,100	0	13,100	362,739	OW	OW	
176	BAYESIAN CAPITAL MANAGEMENT, LP	Reduce	Medium	12,900	-37,400	38,047	357,201	OW	OW	ABMD
177	HIGHTOWER ADVISORS, LLC	Add	Low	12,422	105	106,170	343,965	OW	UW	NUVA,CNMD,GMED,ABMD
178	REGIONS FINANCIAL CORP	Add	Low	11,979	-1,234	16,537	331,699	UW	UW	NUVA,GMED,IART,ABMD
179	PARTNER INVESTMENT MANAGEMENT, L.P.	Reduce	Medium	11,057	-5,796	28,597	306,168	OW	OW	PEN,NVRO
180	ENGINEERS GATE MANAGER LP	Reduce	Medium	10,762	-43,084	126,286	298,000	OW	OW	ABMD,CNMD,PEN,IART,NVRO
181	BLUECREST CAPITAL MANAGEMENT LTD	Reduce	Medium	10,600	0	15,936	293,514	OW	OW	
182	AMERITAS INVESTMENT PARTNERS, INC.	Hold	Medium	10,340	0	20,976	286,315	OW	OW	GMED,IART,NUVA,ABMD,CNMD
183	WOLVERINE TRADING, LLC	Reduce	Medium	9,835	0	58,833	272,331	UW	OW	ABMD,CNMD,IART,PEN,NVRO
184	PEAK6 INVESTMENTS LLC	Add	Low	9,662	0	20,544	267,541	OW	OW	ABMD,IART,NVRO,CNMD
185	SIGMA PLANNING CORP	Add	Low	9,460	0	14,874	261,947	UW	OW	
186	PRUDENTIAL FINANCIAL, INC.	Add	Medium	9,228	-516	501,822	255,523	OW	UW	CNMD,ABMD,GMED,IART,NUVA
187	HSBC HOLDINGS PLC	Reduce	Low	9,222	0	183,181	255,357	UW	OW	ABMD,NUVA,CNMD,IART,GMED
188	CIM INVESTMENT MANGEMENT INC	Add	Low	8,884	-75	15,750	245,998	OW	OW	NUVA
189	CAPSTONE FINANCIAL ADVISORS INC	Hold	Low	8,783	0	8,783	243,201	UW	OW	
190	MARINER WEALTH ADVISORS, LLC	Add	Low	8,560	0	11,006	237,026	OW	UW	ABMD
191	ALPHACREST CAPITAL MANAGEMENT LLC	Hold	Low	7,707	0	15,225	213,407	OW	OW	ABMD,IART,NUVA
192	HRT FINANCIAL LLC	Reduce	Medium	7,615	0	9,063	210,859	OW	OW	ABMD,PEN,IART,NVRO
193	FORT WASHINGTON INVESTMENT ADVISORS, INC.	Add	Low	7,600	0	169,752	210,444	UW	UW	GMED,NUVA,IART
194	ZURCHER KANTONALBANK (ZURICH CANTONALBANK)	Add	Low	7,400	-180	18,933	204,906	OW	UW	ABMD,PEN,IART,GMED,NUVA
195	VISHRIA BIRD FINANCIAL GROUP, LLC	Add	Low	7,374	0	7,374	204,186	UW	OW	
196	RELIANCE TRUST CO OF DELAWARE	Hold	Low	6,631	0	6,631	183,612	UW	OW	

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197	OBERWEIS ASSET MANAGEMENT, INC.	Add	Low	6,500	0	132,962	179,985	OW	OW	
198	ADVISOR GROUP, INC.	Add	Medium	4,068	1,102	94,367	112,643	OW	UW	ABMD,IART,GMED,CNMD,NUVA
199	LINDBROOK CAPITAL, LLC	Add	Low	3,101	0	3,223	85,867	OW	OW	IART,ABMD
200	CULLENFROST BANKERS, INC.	Hold	Low	3,000	0	6,770	83,070	UW	OW	ABMD
201	EXANE DERIVATIVES	Reduce	Low	2,777	1,222	3,263	76,895	UW	OW	
202	QS INVESTORS, LLC	Hold	Medium	2,700	0	90,306	74,763	OW	UW	ABMD,GMED,NUVA,PEN,IART
203	BANK OF MONTREAL CAN	Add	Medium	2,498	-1,744	216,927	69,170	UW	UW	ABMD,CNMD,IART,PEN,NUVA
204	QUADRANT CAPITAL GROUP LLC	Hold	Low	1,780	0	1,879	49,288	OW	OW	ABMD,CNMD,IART,NUVA,GMED
205	LADENBURG THALMANN FINANCIAL SERVICES INC.	Add	Low	1,472	432	74,545	40,760	UW	UW	PEN,ABMD,GMED,IART,NUVA
206	ADVISORS ASSET MANAGEMENT, INC.	Add	Low	1,394	282	65,311	38,600	OW	UW	ABMD,NUVA,PEN
207	TOWER RESEARCH CAPITAL LLC (TRC)	Reduce	High	1,370	-1,489	9,247	37,935	OW	UW	ABMD,IART,PEN,CNMD,NUVA
208	ASSETMARK, INC	Hold	Low	1,266	-240	4,620	35,056	UW	UW	ABMD,GMED,NVRO
209	ISRAEL DISCOUNT BANK OF NEW YORK	Hold	Medium	1,005	0	1,315	27,828	OW	OW	GMED
210	BALDWIN BROTHERS, INC.	Hold	High	900	0	5,725	24,921	OW	UW	
211	ROCKEFELLER CAPITAL MANAGEMENT L.P.	Hold	Low	883	0	426,553	24,450	OW	UW	ABMD,NUVA,GMED,PEN,IART
212	NISA INVESTMENT ADVISORS L.L.C.	Hold	Medium	775	350	43,366	21,460	OW	UW	ABMD,IART,CNMD,GMED,NUVA
213	ICON WEALTH PARTNERS, LLC	Reduce	High	710	0	881	19,660	UW	OW	CNMD,ABMD
214	ALTSHULER SHAHAM LTD	Add	Low	590	0	107,313	16,337	UW	OW	
215	LAUREL WEALTH ADVISORS LLC	Hold	Medium	458	0	8,519	12,682	OW	UW	
216	AVESTAR CAPITAL, LLC	Hold	Low	387	0	387	10,716	UW	OW	PEN,ABMD
217	BRONFMAN E.L. ROTHSCHILD, L.P.	Add	Low	324	0	25,828	8,972	OW	UW	ABMD,IART,NVRO,NUVA,CNMD
218	AEVITAS WEALTH MANAGEMENT, INC.	Hold	Medium	309	0	7,746	8,556	OW	OW	
219	REHMANN CAPITAL ADVISORY GROUP	Add	Medium	272	0	6,317	7,532	OW	UW	IART,ABMD,NUVA,PEN,GMED
220	CUTLER GROUP LP	Reduce	Low	200	0	12,471	5,538	UW	UW	GMED
221	FIRST PERSONAL FINANCIAL SERVICES INC	Hold	Medium	190	0	454	5,261	UW	UW	CNMD
222	ONE WEALTH ADVISORS, LLC	Reduce	Low	128	0	6,782	3,544	UW	UW	CNMD,IART,NUVA
223	PROEQUITIES, INC.	Hold	Medium	118	-34	1,791	3,267	UW	UW	ABMD,GMED
224	MACROVIEW INVESTMENT MANAGEMENT LLC	Hold	High	110	6	110	3,046	UW	OW	ABMD

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225	CABLE HILL PARTNERS, LLC	Hold	Medium	86	0	1,237	2,381	OW	UW	ABMD,PEN,NUVA
226	PROFICIO CAPITAL PARTNERS LLC	Hold	Low	86	0	8,382	2,381	UW	UW	ABMD,CNMD,NUVA,IART,NVRO
227	NORTHWESTERN MUTUAL WEALTH MANAGEMENT CO	Hold	Medium	73	0	5,251	2,021	OW	UW	ABMD,PEN,NUVA,CNMD,GMED
228	TD CAPITAL MANAGEMENT LLC	Hold	High	41	0	545	1,135	UW	OW	
229	INSTITUTIONAL & FAMILY ASSET MANAGEMENT, LLC	Hold	High	40	0	428	1,108	OW	UW	PEN,NUVA
230	PRIVATE CAPITAL GROUP, LLC	Hold	Medium	35	0	1,558	969	OW	UW	IART,NVRO,CNMD
231	AMERITAS INVESTMENT CORP	Hold	High	31	0	521	858	UW	UW	ABMD,PEN
232	SEACREST WEALTH MANAGEMENT, LLC	Hold	High	24	0	6,693	665	UW	UW	ABMD,GMED,NUVA,NVRO
233	WHITTIER TRUST CO.	Hold	High	20	0	4,653	554	OW	UW	IART,NVRO,NUVA
234	CWM, LLC	Hold	Medium	15	0	30,756	415	OW	UW	ABMD,NUVA,CNMD,IART,GMED