

WORLD PREVIEW 2014, OUTLOOK TO 2020

EvaluateMedTech

October 2014

Welcome to the EvaluateMedTech[®] World Preview 2014, Outlook to 2020

EvaluateMedTech® provides trusted insights on the global medtech sector in a single solution that can easily integrate with your own analytical models. It allows medtech companies, financial institutions, consultancies, service providers and others to easily and rapidly track, benchmark and forecast the sector and focus on critical decisions to optimize performance.

Our third annual EvaluateMedTech® World Preview brings together many of our analyses to provide a top level insight into the expected performance of the medtech industry between now and 2020. Based on EvaluateMedTech®'s coverage of the world's leading medical device and diagnostic companies, the World Preview highlights trends in medtech including: consensus sales forecasts of leading industry analysts by device area to 2020; the top 20 companies in 2020; R&D spend current and future; FDA approvals; M&A; venture financing; IPOs; and enterprise value.

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EvaluateMedTech® Foreword



The third edition of the EvaluateMedTech® World Preview reveals that the medtech market is expected to grow at 5% per year (CAGR) between 2013 and 2020, achieving global sales of \$514bn in 2020 (page 6). The analysis is based on in-depth forecast models for the top 200 global medtech companies available within EvaluateMedTech®. Our sales forecast represents the only current consensus view from equity analysts of the medtech market.

J&J leads – for now

October 2014 finds the medtech industry holding its breath. The year to date has been a fascinating one, with a remarkable 363% increase in the value of completed mergers in H1 2014 compared with the same time last year (page 18) – but things are about to get a lot more interesting.

The single biggest merger in the sector's history is set to close early next year, and when Medtronic and Covidien join forces the changes will be seismic. The World Preview uses consensus data based on analyst forecasts which do not as yet take this merger into account as the \$42.9bn deal has not yet closed. Consequently, current forecasts put Johnson & Johnson as clear market leader in 2020 with medtech sales of \$32.8bn. But if it does engulf Covidien, Medtronic will seize the top spot.

The \$13.4bn merger of Zimmer and Biomet will also contribute to a momentous year for medtech, altering the orthopedics sector profoundly.

FDA premarket approvals pick up

The regulatory situation is changing significantly too. After a disappointing 2013 in terms of first-time premarket approvals (PMAs) granted by the FDA, the agency has been more liberal so far in 2014, with 20 new PMAs to end of August (page 12). This is a 43% increase compared with the same point last year, and ties in with deliberate efforts the FDA is making to speed devices to market, such as streamlining the de novo regulatory process and a proposed expedited access PMA programme.

A billion dollars in IPOs

While the ultimate goal for many early-stage medtech companies is still a takeout by one of the bigger groups, staying independent and going public has emerged as an increasingly popular strategy. EvaluateMedTech®'s new IPO analysis, available this year for the first time, shows that the first half of 2014 saw \$1.3bn raised in completed IPOs (page 20). This is 44% more than the \$900m raised in the whole of 2013.

The global medical device market is growing fast and changing faster; the cardiology and orthopedic spaces alone are set to alter almost beyond recognition thanks to the megamergers. This time next year there could be a new market leader, and in an industry forecast to be worth more than half a trillion dollars in 2020, that is no insignificant achievement.

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Ian Strickland Product Manager, EvaluateMedTech®

EvaluateMedTech[®] World Preview 2014, Outlook to 2020 – Analysis Highlights

- Worldwide medtech sales forecast to grow by 5.0% (CAGR 2013 to 2020), reaching \$514bn – more than half a trillion dollars – by 2020
- Medtech will grow more slowly compared with the prescription drug market, with a CAGR of 5.0% compared with pharma's 5.3% between 2013 and 2020
- Johnson & Johnson is currently forecast to be the clear market leader in 2020 with medtech sales of \$32.8bn...
- ...but if the proposed merger between Medtronic and Covidien goes ahead as expected, combined forecasts will put the "new" Medtronic at the top
- M&A deal value jumps by an astonishing 363% to \$30bn in H1 2014 vs. H1 2013, though deal count drops 10%
- Total deal value of medtech venture financing falls 16% to \$2.2bn in H1 2014 vs. H1 2013; number of venture financing deals slumped 24% to 199
- Significant increase in medtech IPO activity in 2014. H1 2014 saw \$1.3bn raised in completed IPOs, 44% more than the \$900m raised in the whole of 2013
- In vitro diagnostics expected to be the world's largest medtech segment in 2020, with sales of \$71.6bn, with Roche to dominate with 17.0% market share in 2020
- Medtronic remains top in cardiology to 2020 with sales of \$11.1bn, a 19.4% market share. Lead set to increase following addition of Covidien
- Johnson & Johnson continues to lead the orthopedics market with 2020 market share of 24.7% and sales of \$11.3bn...
- ...but following completion of its acquisition of Biomet, Zimmer is set to catch up, leapfrogging Stryker to take second place with a market share of 20.8% in 2020
- Global medtech R&D spend set to grow by 4.2% (CAGR) to \$30.5bn by 2020
- Johnson & Johnson and Siemens predicted to be neck and neck as the top medtech R&D spenders in 2020, with both set to invest \$2.1bn in new programmes
- FDA grants 23 first-time PMAs in 2013, a massive decrease of 44% from the 2012 figure of 41; 510(k) clearances also down, by 3% to 3,085...

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• ...but the situation reverses in 2014, with 20 new PMAs to end of August, representing a 43% increase compared with the same point last year

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Worldwide Medtech Sales by Device Area in 2020

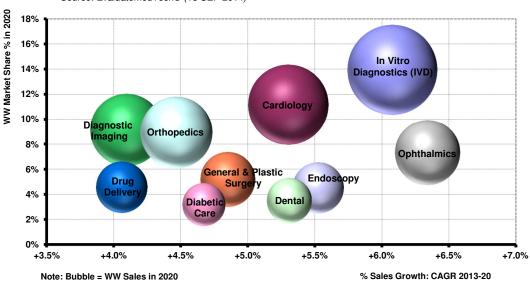
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Worldwide Medtech Sales Forecast to Exceed Half a Trillion Dollars by 2020; In Vitro Diagnostics Remains Number One in 2020

EvaluateMedTech® finds that the worldwide medtech market is forecast to grow by 5.0% per year (CAGR) between 2013 and 2020, achieving sales of \$514bn in 2020.

As in previous years, EvaluateMedTech® finds that in vitro diagnostics (IVD) is expected to remain the largest segment in 2020 with sales of \$71.6bn, representing 14% of the worldwide medtech market. Impressively, the IVD market is also set to outpace the medtech market as a whole, growing by 6.1% per year over the same timeframe.

The fastest growing segment in the top 15 is neurology, with a 7.1% CAGR between 2013 and 2020 and expected 2020 sales of \$9.8bn.



Analysis on Top 10 Device Areas in 2020, Market Share & Sales Growth (2013-20) Source: EvaluateMedTech® (18 SEP 2014)

WW Medtech Sales by EvaluateMedTech® Device Area: Top 15 Categories & Total Market (2013/20)

		WW Sal	es (\$bn)	CAGR	WW Mark	tet Share		Rank
	Device Area	2013	2020	% Growth	2013	2020	Chg. (+/-)	Chg. (+/-)
1	In Vitro Diagnostics (IVD)	47.4	71.6	+6.1%	13.0%	14.0%	+0.9pp	-
2	Cardiology	39.9	57.3	+5.3%	11.0%	11.2%	+0.2pp	-
3	Diagnostic Imaging	35.5	47.0	+4.1%	9.8%	9.1%	-0.6pp	-
4	Orthopedics	33.8	45.9	+4.5%	9.3%	8.9%	-0.4pp	-
5	Ophthalmics	24.5	37.7	+6.3%	6.7%	7.3%	+0.6pp	-
6	General & Plastic Surgery	19.1	26.7	+4.9%	5.3%	5.2%	-0.1pp	-
7	Drug Delivery	17.8	23.5	+4.1%	4.9%	4.6%	-0.3pp	-
8	Endoscopy	15.9	23.2	+5.5%	4.4%	4.5%	+0.1pp	-
9	Dental	12.5	18.0	+5.3%	3.4%	3.5%	+0.1pp	-
10	Diabetic Care	11.9	16.4	+4.7%	3.3%	3.2%	-0.1pp	+1
11	Wound Management	12.0	16.0	+4.2%	3.3%	3.1%	-0.2pp	-1
12	Nephrology	11.1	14.9	+4.3%	3.0%	2.9%	-0.1pp	-
13	General Hospital & Healthcare	8.3	10.8	+4.0%	2.3%	2.1%	-0.2pp	-
14	Ear, Nose & Throat (ENT)	7.2	10.8	+6.1%	2.0%	2.1%	+0.1pp	-
15	Neurology	6.1	9.8	+7.1%	1.7%	1.9%	+0.2pp	+2
	Top 15	303.0	429.7	+5.1%	83.3%	83.7%	+0.4pp	
	Other	60.7	83.8	+4.7%	16.7%	16.3%	-0.4pp	
	Total WW Medtech Sales	363.8	513.5	+5.0%	100.0%	100.0%		

Source: EvaluateMedTech® (18 SEP 2014)

Note: Analysis is based on the top 200 medtech companies. Sales in 2013 based on company reported data. Sales forecasts to 2020 based on a consensus of leading equity analysts' estimates for segmental sales.

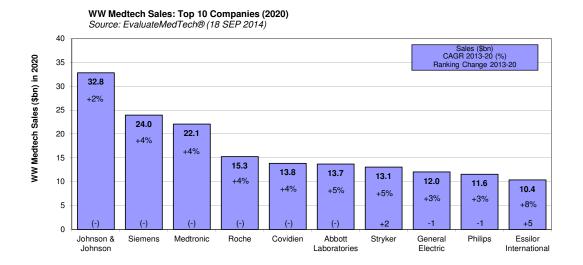
Worldwide Medtech Sales in 2020: Top 20 Companies

Johnson & Johnson Predicted to be Number One in 2020 - But This Could Change

EvaluateMedTech® finds that Johnson & Johnson is currently forecast to be the largest medtech company in 2020, with sales of \$32.8bn. However, the company's market share is expected to fall from 7.8% to 6.4% between 2013 and 2020 following the sale of its Ortho-Clinical Diagnostics unit to private equity.

Moreover, current forecasts do not take into account the proposed megamerger of Medtronic and Covidien. With estimated combined sales of \$35.9bn in 2020, representing a 7.0% market share, when predictions are made next year it is likely that this new behemoth of medtech will take the top spot from Johnson & Johnson.

The biggest fallers in the rankings out to 2020 are Boston Scientific and Novartis. Novartis falls four places to number 16, largely due to the disposal of its blood diagnostic business in 2014 to Grifols. Boston Scientific falling four places to number 14 reflects the company failing to replace sales from its mature cardiology business.



WW Medtech Sales: Top 20 Companies & Total Market (2013/20)

		W١	W Medtech) Sales (\$bn)	v	/W Market Sha	are	Rank
Company	Country	2013	2020	% CAGR 13-20	2013	2020	Chg. (+/-)	Chg. (+/-)
1 Johnson & Johnson	USA	28.5	32.8	+2.0%	7.8%	6.4%	-1.4pp	-
2 Siemens	Germany	17.9	24.0	+4.3%	4.9%	4.7%	-0.2pp	-
3 Medtronic	USA	17.0	22.1	+3.8%	4.7%	4.3%	-0.4pp	-
4 Roche	Switzerland	11.3	15.3	+4.4%	3.1%	3.0%	-0.1pp	-
5 Covidien	USA	10.2	13.8	+4.4%	2.8%	2.7%	-0.1pp	-
6 Abbott Laboratories	USA	9.9	13.7	+4.8%	2.7%	2.7%	-0.0pp	-
7 Stryker	USA	9.0	13.1	+5.4%	2.5%	2.5%	+0.1pp	+2
8 General Electric	USA	9.8	12.0	+3.0%	2.7%	2.3%	-0.3pp	-1
9 Philips	The Netherlands	9.4	11.6	+3.0%	2.6%	2.3%	-0.3pp	-1
10 Essilor International	France	6.0	10.4	+8.2%	1.6%	2.0%	+0.4pp	+5
11 Danaher	USA	7.0	9.6	+4.7%	1.9%	1.9%	-0.0pp	-
12 Becton Dickinson	USA	7.0	9.4	+4.4%	1.9%	1.8%	-0.1pp	+1
13 Baxter International	USA	5.8	9.3	+7.0%	1.6%	1.8%	+0.2pp	+3
14 Boston Scientific	USA	7.1	9.3	+3.8%	2.0%	1.8%	-0.2pp	-4
15 B. Braun Melsungen	Germany	6.9	9.2	+4.3%	1.9%	1.8%	-0.1pp	-1
16 Novartis	Switzerland	7.0	9.0	+3.8%	1.9%	1.8%	-0.2pp	-4
17 Olympus	Japan	4.9	8.0	+7.2%	1.4%	1.6%	+0.2pp	+2
18 St. Jude Medical	USA	5.5	7.5	+4.6%	1.5%	1.5%	-0.0pp	-1
19 3M	USA	5.1	7.1	+4.8%	1.4%	1.4%	-0.0pp	-1
20 Smith & Nephew	United Kingdom	4.4	6.4	+5.7%	1.2%	1.2%	+0.1pp	+2
Total Top 20		189.6	253.5	+4.2%	52.1%	49.4%	-2.7pp	
Other		174.2	260.0	+5.9%	47.9%	50.6%	+2.7pp	
Total		363.8	513.5	+5.0%	100.0%	100.0%		

Source: EvaluateMedTech® (18 SEP 2014)

Note: Analysis is based on the top 200 medtech companies. Sales in 2013 based on company reported data. Sales forecasts to 2020 based on a consensus of leading equity analysts' estimates for segmental sales.

Worldwide Medtech vs. Prescription Drug Sales (2007-20)



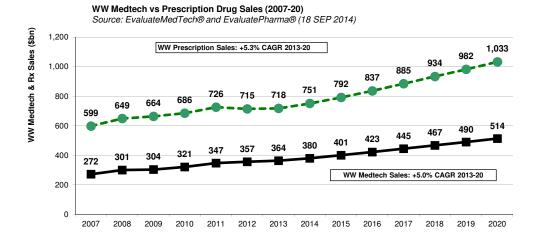
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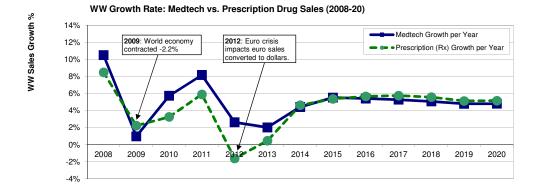
Prescription Drug Market Forecast to Outstrip Medtech between 2013 and 2020

EvaluateMedTech® finds that between 2013 and 2020 the prescription drug market is forecast to grow at 5.3% per year (CAGR), greater than the medtech industry's forecast 5.0%. This is in stark contrast to the period 2010 to 2013 when the medtech sector grew much more rapidly than pharma.

In the last two EvaluateMedTech® World Previews, the medtech industry had also been forecast to outstrip the pharma market in the future. With the passing of the pharma patent cliff and a resurgence in confidence in the pharmaceutical and biotech industry, however, the prescription drug market has moved ahead.

In 2014 and from 2016 onwards prescription drugs are forecast to grow faster than medtech. This results in the medtech market falling to 49.7% of the prescription drug market in 2020, versus 50.7% in 2013.





WW Medtech vs. Prescription Drug Sales (2007-20)

WW Sales (\$bn)															
	Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
WW Medtech Sales		272	301	304	321	347	357	364	380	401	423	445	467	490	514
Growth per Year			+10.5%	+1.0%	+5.7%	+8.2%	+2.6%	+2.0%	+4.4%	+5.5%	+5.4%	+5.3%	+5.1%	+4.8%	+4.8%
Medtech as % of Rx		45.5%	46.3%	45.7%	46.8%	47.8%	49.9%	50.7%	50.6%	50.6%	50.5%	50.3%	50.0%	49.9%	49.7%
WW Prescription (Rx)		599	649	664	686	726	715	718	751	792	837	885	934	982	1,033
Growth per Year			+8.5%	+2.2%	+3.3%	+5.9%	-1.6%	+0.5%	+4.6%	+5.4%	+5.7%	+5.8%	+5.6%	+5.1%	+5.2%

Source: EvaluateMedTech® (18 SEP 2014)

	CAGR 2013-20
WW Medtech Sales	+5.0%
WW Prescription Drug Sales	+5.3%

Note: Prescription drug sales based on top 500 pharmaceutical and biotech companies from EvaluatePharma®. Sales to 2013 based on company reported sales data. Sales forecasts to 2020 based on a consensus of leading equity analysts' estimates for segmental sales.

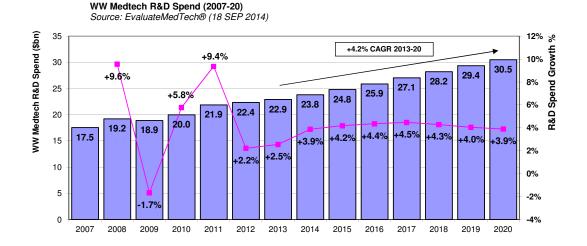


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Global Medtech R&D Spend Set to Grow by 4.2% (CAGR) to \$30.5bn by 2020

EvaluateMedTech® consensus forecasts find that worldwide medtech R&D spend is set to increase by 4.2% per year (CAGR) between 2013 and 2020. This is lower than the forecast growth rate for medtech sales and, as such, R&D investment rate is forecast to fall to 5.9% in 2020 from 6.3% in 2013.

The top 20 medtech companies, however, are spending slightly more than the medtech industry as a whole: in 2020 they will invest 7.7% of their sales on R&D.



WW Medtech R&D Spend (2007-20)

WW Medtech R&D & Medtech Sales (\$bn)														
Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Medtech R&D Spend	17.5	19.2	18.9	20.0	21.9	22.4	22.9	23.8	24.8	25.9	27.1	28.2	29.4	30.5
Growth per Year		+9.6%	-1.7%	+5.8%	+9.4%	+2.2%	+2.5%	+3.9%	+4.2%	+4.4%	+4.5%	+4.3%	+4.0%	+3.9%
WW Medtech Sales	272.1	300.7	303.7	321.1	347.4	356.5	363.8	379.9	400.8	422.6	444.9	467.5	489.9	513.5
R&D as % of Medtech Sales	+6.4%	+6.4%	+6.2%	+6.2%	+6.3%	+6.3%	+6.3%	+6.3%	+6.2%	+6.1%	+6.1%	+6.0%	+6.0%	+5.9%
R&D as % of Medtech Sales (Top 20 in 2020) 8.1% 7.79									7.7%					

Source: EvaluateMedTech® (18 SEP 2014)

CAGR 2013-20 on Medtech R&D Spend	+4.2%
Cumulative 5 year R&D Spend (2009-13)	\$106bn
CAGR 2007-13 on Medtech R&D Spend	+4.6%

Note: Analysis is based on the Top 200 medtech companies. R&D spend in 2013 based on company reported data.

Forecast medtech R&D spend based on a consensus of leading equity analysts' estimates for company level R&D spend, extrapolated to medtech R&D when a company has non-medtech R&D activity.

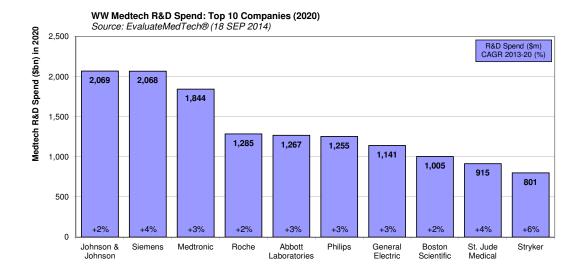
Medtech R&D is not disclosed by a number of companies and this analysis is limited to those companies with sufficient disclosure. Notable omissions: Baxter and 3M.

Medtech R&D Spend in 2020: Top 20 Companies

Siemens and Johnson & Johnson Joint Top Medtech R&D Spenders in 2020

EvaluateMedTech® consensus forecasts find that Johnson & Johnson and Siemens will be neck and neck in terms of R&D spend in 2020, with expenditure at both companies set to reach \$2.1bn. Both of these companies are likely to be eclipsed, though, when forecasts are made next year for the combined Medtronic and Covidien. This company's R&D spend could add up to \$2.6bn in 2020, though it is likely to be a little less than this as cuts are made. Nonetheless the combined company will almost certainly be the top spender.

Of the top 20, Edwards Lifesciences is forecast to invest the most into R&D as a percentage of medtech sales, with an R&D investment rate of 13.7% in 2020, but this represents a fall of 2.1 percentage points from the 15.8% rate seen in 2013.



WW Medtech R&D Spend: Top 20 Companies & Total Market (2013/20)

		Medtech R&I	D (\$m)	R&D As a %	of Medtech		Rank
Company	2013	2020	CAGR 13-20	2013	2020	Chg. (+/-)	Chg. (+/-)
1 Johnson & Johnson	1,783	2,069	+2.1%	6.3%	6.3%	+0.0pp	-
2 Siemens	1,614	2,068	+3.6%	9.0%	8.6%	-0.4pp	-
3 Medtronic	1,477	1,844	+3.2%	8.7%	8.4%	-0.3pp	-
4 Roche	1,098	1,285	+2.3%	9.7%	8.4%	-1.3pp	-
5 Abbott Laboratories	1,007	1,267	+3.3%	10.1%	9.2%	-0.9pp	+1
6 Philips	1,036	1,255	+2.8%	11.0%	10.9%	-0.2pp	-1
7 General Electric	956	1,141	+2.6%	9.8%	9.5%	-0.3pp	-
8 Boston Scientific	859	1,005	+2.3%	12.0%	10.9%	-1.2pp	-
9 St. Jude Medical	691	915	+4.1%	12.6%	12.1%	-0.4pp	-
10 Stryker	536	801	+5.9%	5.9%	6.1%	+0.2pp	+1
11 Danaher	551	761	+4.7%	7.9%	7.9%	+0.0pp	-1
12 Covidien	508	714	+5.0%	5.0%	5.2%	+0.2pp	-
13 Becton Dickinson	494	661	+4.3%	7.1%	7.0%	-0.1pp	-
14 Terumo	303	456	+6.0%	7.4%	7.7%	+0.3pp	+1
15 Edwards Lifesciences	323	423	+3.9%	15.8%	13.7%	-2.1pp	-1
16 B. Braun Melsungen	290	389	+4.3%	4.2%	4.2%	+0.0pp	-
17 Essilor International	218	381	+8.3%	3.6%	3.7%	+0.0pp	+5
18 Smith & Nephew	231	364	+6.7%	5.3%	5.7%	+0.4pp	+3
19 Olympus	274	341	+3.2%	5.6%	4.3%	-1.3pp	-1
20 bioMérieux	247	331	+4.3%	14.8%	13.1%	-1.6pp	-
Total Top 20	14,496	18,470	+3.5%	8.1%	7.7%	-0.4pp	
Other	8,431	12,024	+5.2%				
Total	22,927	30,494	+4.2%	6.3%	5.9%		

Source: EvaluateMedTech® (18 SEP 2014)

Note: Analysis is based on the top 200 medtech companies. R&D spend in 2013 based on company reported data.

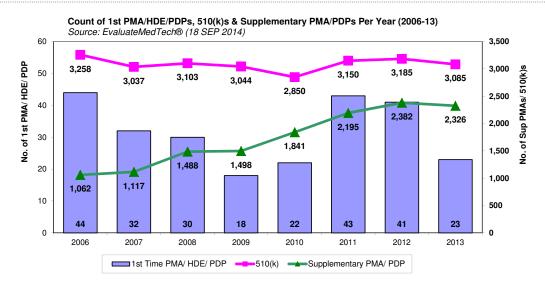
Forecast medtech R&D spend based on a consensus of leading equity analysts' estimates for company level R&D spend, extrapolated to medtech R&D when a company has non-medtech R&D activity.

Medtech R&D is not disclosed by a number of companies and this analysis is limited to those companies with sufficient disclosure. Notable omissions: Baxter and 3M.

FDA Regulatory Analysis (2006-13)

Number of First-Time PMAs Almost Halves in 2013 to 23; 510(k) Clearances Down 3% to 3,085

EvaluateMedTech® found that the FDA granted 23 new PMAs/HDEs/PDPs (first-time approvals) in 2013, a massive decrease of 44% from the 2012 figure of 41. 510(k) clearances also declined in 2013, but much less steeply, falling 3% to 3,085. In 2013 Medtronic had the most overall approvals/clearances, with 784.



Count of 1st PMA/HDE/PDPs, 510(k)s & Supplementary PMA/PDPs (2006-13)

Year	2006	2007	2008	2009	2010	2011	2012	2013
1st Time PMA/ HDE/ PDP	44	32	30	18	22	43	41	23
% Chg.		-27%	-6%	-40%	+22%	+95%	-5%	-44%
Supplementary PMA/ PDP	1,062	1,117	1,488	1,498	1,841	2,195	2,382	2,326
% Chg.		+5%	+33%	+1%	+23%	+19%	+9%	-2%
510(k)	3,258	3,037	3,103	3,044	2,850	3,150	3,185	3,085
% Chg.		-7%	+2%	-2%	-6%	+11%	+1%	-3 %
Total	4,364	4,186	4,621	4,560	4,713	5,388	5,608	5,434
% Chg.		-4%	+10%	-1%	+3%	+14%	+4%	-3 %

Count of PMA/HDE/PDPs, 510(k)s & Medtech R&D Spend (2013)

Company	PMA/ HDEs - First Approval	PMA/ PDPs - Suppl.	510(k) Clearance	Total Approvals	R&D Spend (\$m)
1 Medtronic	2	722	60	784	1,477
2 Boston Scientific	0	356	26	382	859
3 Johnson & Johnson	2	101	57	160	1,783
4 Abbott Laboratories	2	133	11	146	1,007
5 Edwards Lifesciences	0	98	7	105	323
6 Roche	1	85	19	105	1,098
7 St. Jude Medical	0	85	14	99	691
8 Siemens	0	6	54	60	1,614
9 Stryker	0	2	57	59	536
10 BIOTRONIK	0	54	3	57	123
Total	23	2,326	3,085	5,434	

Source: EvaluateMedTech® (18 SEP 2014)

Note: Based on Devices@FDA data.

PMA (Premarket Approval): a class III device which is a 'life-sustaining or life-supporting implantable device'; usually require trials. 510(k): "substantially equivalent" to a legally marketed Class I, II, III device (where PMA not required).

HDE (Humanitarian Device Exemption): a device for treating or diagnosing a disease/condition that affects <4,000 individuals in the US per year.



FDA Approves 20 New PMAs in 2014 to end of August, Representing a 43% Uptick Compared with the Same Point Last Year

EvaluateMedTech® found that the FDA has so far approved 20 new PMAs and two HDEs in 2014 to 31st August. This represents a 43% increase compared with the 14 new PMAs that had been granted at this point last year.

As in 2013, one of the most predominant areas was that of molecular diagnostics. This fast-growing area saw four approvals, representing 20% of the PMAs to date this year. Also well represented were heart valves with three PMAs to date in 2014.

EvaluateMedTecl	h® Device Classifi	cation	Decision								
Level 1	Level 2	Level 3	Date	Company	Product Code Name	Device Name (Approval Code)					
Anesthesia & Respiratory	Anesthesia & Respiratory Therapeutic Devices	Other Anesthesia & Respiratory Therapeutic Devices	30 Apr 14	Inspire Medical Systems	Stimulator, Hypoglossal Nerve, Implanted, Apnea	INSPIRE II UPPER AIRWAY STIMULATOR (P130008)					
Cardiology	Cardiac Prosthetic Devices	Tissue Heart Valves	24 Jun 14	Sorin	Heart-Valve, Non-Allograft Tissue	FREEDOM SOLO STENTLESS HEART VALVE (P130011)					
Cardiology	Cardiac Prosthetic Devices	Transcatheter Heart Valves	16 Jun 14	Edwards Lifesciences	Aortic Valve, Prosthesis, Percutaneously Delivered	EDWARDS SAPIEN XT TRANSCATHETER HEART VALVE AND ACCESSORIES (P130009)					
Cardiology	Cardiac Prosthetic Devices	Transcatheter Heart Valves	17 Jan 14	Medtronic	Aortic Valve, Prosthesis, Percutaneously Delivered	MEDTRONIC COREVALVE SYSTEM (P130021)					
Cardiology	Cardiac Prosthetic Devices	Graft Prosthesis	17 Jun 14	C. R. Bard	System, Endovascular Graft, Arteriovenous (Av) Dialysis Access Circuit Stenosis Treatment	FLUENCY PLUS ENDOVASCULAR STENT GRAFT (P130029)					
Cardiology	Cardiovascular Monitoring & Diagnostic Devices	ECG Monitoring	28 May 14	St. Jude Medical	System, Hemodynamic, Implantable	CARDIOMEMS HF PRESSURE MEASUREMENT SYSTEM (P100045)					
Cardiology	Interventional Cardiology	Non-Drug-Eluting Coronary Stents	27 Jun 14	Boston Scientific	Stent, Coronary	REBEL PLATINUM CHROMIUM CORONARY STENT SYSTEM MONORAIL AND OVER THE WIRE (P130030)					
Cardiology	Interventional Cardiology	Peripheral Vascular Devices	28 Mar 14	Abbott Laboratories	Stent, Superficial Femoral Artery	SUPERA PERIPHERAL STENT SYSTEM (P120020)					
Diagnostic Imaging	Computed Tomography (CT)	Other Computed Tomography (CT)	26 Aug 14	General Electric	Digital Breast Tomosynthesis	SENOCLAIRE (P130020)					
Ear, Nose & Throat (ENT)	Ear Devices	Hearing Implants	20 Mar 14	Cochlear	Hybrid Cochlear Implant	NUCLEUS HYBRID L24 IMPLANT SYSTEM (P130016)					
In Vitro Diagnostics (IVD)	Immunoassays	Viral Immunoassays	16 May 14	Siemens	Test, Hepatitis B (B Core, Be Antigen, Be Antibody, B Core Igm)	ADVIA CENTAUR HBSAGII (P110041)					
In Vitro Diagnostics (IVD)	Immunoassays	Viral Immunoassays	14 Mar 14	Roche	Test, Hepatitis B (B Core, Be Antigen, Be Antibody, B Core Igm)	ELECSYS® HBEAG IMMUNOASSAY AND ELECSYS® PRECICONTROL HBEAG (P130015)					
In Vitro Diagnostics (IVD)	Molecular Diagnostics	Hematology Molecular Diagnostics	21 May 14		Molecular Erythrocyte Typing Test	IMMUCOR PRECISETYPE™ (BP130026)					
In Vitro Diagnostics (IVD)	Molecular Diagnostics	Infectious Disease Molecular Diagnostics	02 Jun 14	QIAGEN	Cytomegalovirus (Cmv) Dna Quantitative Assay	ARTUS CMV RGQ MDX KIT (P130027)					
In Vitro Diagnostics (IVD)	Molecular Diagnostics	Oncology Molecular Diagnostics	11 Aug 14	EXACT Sciences	System, Colorectal Neoplasia, Dna Methylation And Hemoglobin Detection	COLOGUARD (P130017)					
In Vitro Diagnostics (IVD)	Molecular Diagnostics	Oncology Molecular Diagnostics	23 May 14	QIAGEN	Somatic Gene Mutation Detection System	THERASCREEN KRAS RGQ PCR KIT (P110027)					
Ophthalmics	Ophthalmic Surgical Devices	Other Ophthalmic Surgical Devices	08 Jan 14	Ocular Therapeutix	Ophthalmic Sealant	RESURE SEALANT (P130004)					
Orthopedics	Orthobiologics	Viscosupplementation	09 May 14	IBSA Institut Biochimique	Acid, Hyaluronic, Intraarticular	SINOVIAL (SODIUM HYALURONATE 0.8%) (P110005)					
Orthopedics	Orthobiologics	Viscosupplementation	25 Feb 14	Anika Therapeutics	Acid, Hyaluronic, Intraarticular	MONOVISC (P090031)					
Orthopedics	Spinal Devices	Artificial Discs	24 Jul 14	Medtronic	Prosthesis, Intervertebral Disc	PRESTIGE LP CERVICAL DISC (P090029)					

2014 FDA First-Time PMAs (to 31st August 2014)

2014 FDA Humanitarian Device Exemptions (HDEs) (to 31st August 2014)

EvaluateMedT	ech® Device Clas	sification	Decision			
Level 1	Level 2	Level 3	Date	Company	Product Code Name	Device Name (Approval Code)
Anesthesia &	Respiratory	Other Respiratory	12 Aug 14	Xvivo Perfusion	Normothermic Preservation	XVIVO PERFUSION SYSTEM (XPS™) WITH
Respiratory	Therapeutic Devices	Therapeutic Devices			System For Transplantation Of Initially Unacceptable	STEEN SOLUTION™ PERFUSATE (H120003)
	Devices				Donor Lungs	
Neurology	Neurology Therapeutic	Neurovascular Devices	25 Jul 14	Terumo	Device, Neurovascular Embolization	LOW-PROFILE VISUALIZED INTRALUMINAL SUPPORT DEVICE (LVIS AND LVIS JR.)

Source: EvaluateMedTech® (18 SEP 2014)

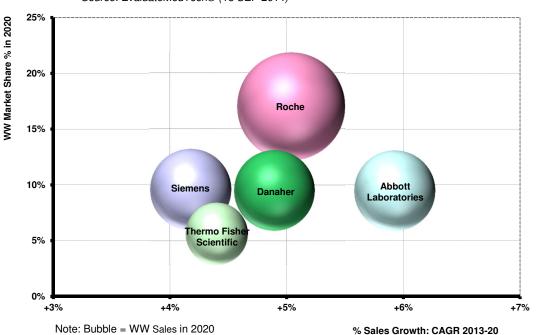
Note: Based on Devices@FDA data to 31st August 2014.

PMA (Premarket Approval): a class III device which is a 'life-sustaining or life-supporting implantable device'; usually require trials. HDE (Humanitarian Device Exemption): a device for treating or diagnosing a disease/condition that affects <4,000 individuals in the US per year.

In Vitro Diagnostics (IVD) Market to 2020

Roche Maintains Leading Position within In Vitro Diagnostics Market

EvaluateMedTech® consensus forecast finds that Roche is expected to remain the dominant force in the in vitro diagnostic space to 2020. The company is forecast to command a massive 17.0% market share in 2020, with sales expected to reach \$12.2bn. The Japanese company Sysmex is predicted to be the fastest growing company in this field with sales expected to grow by 11% per year (CAGR) between 2013 and 2020. This results in the company jumping three places in the rankings to sixth in 2020.



WW In Vitro Diagnostics Sales, Market Share & Sales Growth (2013-20) Source: EvaluateMedTech® (18 SEP 2014)

WW In Vitro Diagnostics Sales: Top 10 Companies & Total Market (2013/20)

		WW Sal	es (\$m)	CAGR	WW Mar	ket Share	Rank Chg.
Rank	Company	2013	2020	2013-20	2013	2020	2013-20
1	Roche	8,654	12,205	+5%	18.3%	17.0%	-
2	Siemens	5,173	6,889	+4%	10.9%	9.6%	-
3	Danaher	4,882	6,821	+5%	10.3%	9.5%	-
4	Abbott Laboratories	4,545	6,799	+6%	9.6%	9.5%	-
5	Thermo Fisher Scientific	2,993	4,046	+4%	6.3%	5.6%	-
6	Sysmex	1,796	3,782	+11%	3.8%	5.3%	+3
7	Becton Dickinson	2,646	3,399	+4%	5.6%	4.7%	-1
8	Alere	2,243	2,832	+3%	4.7%	4.0%	-1
9	bioMérieux	1,662	2,519	+6%	3.5%	3.5%	+1
10	Werfen Group	1,472	2,278	+6%	3.1%	3.2%	+1
	Тор 10	36,066	51,570	+5%	76.1%	72.0%	
	Other	11,329	20,071	+9%	23.9%	28.0%	
	Total Industry	47,394	71,640	+6.1%	100.0%	100.0%	

Source: EvaluateMedTech® (18 SEP 2014); Consensus sales from equity analysts' reports

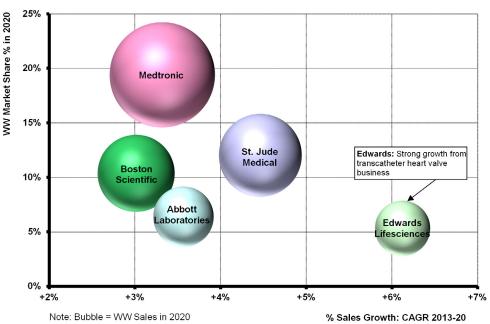
Note: Excludes Glucose Test Systems which are included in Diabetic Care classification.



Medtronic Set to Solidify Number One Position in Cardiology through Acquisition of Covidien

EvaluateMedTech® consensus forecast finds that Medtronic will remain the world's number one cardiology company with global sales of \$11.1bn in 2020.

This dominance is set to be further entrenched following completion of the proposed \$42.9bn acquisition of Covidien. With sales of \$1.5bn forecast in 2020, Covidien sits just outside the top 10 cardiology companies at number 11. Together the companies are forecast to achieve sales of \$12.6bn in 2020, representing 22.0% market share.



WW Cardiology Sales, Market Share & Sales Growth (2013-20) Source: EvaluateMedTech® (18 SEP 2014)

WW Cardiology Sales: Top 10 Companies & Total Market (2013/20)

		WW Sa	les (\$m)	CAGR	WW Mar	ket Share	Rank Chg.
Rank	Company	2013	2020	2013-20	2013	2020	2013-20
1	Medtronic	8,847	11,120	+3%	22.2%	19.4%	-
2	St. Jude Medical	5,075	6,889	+4%	12.7%	12.0%	-
3	Boston Scientific	4,827	5,942	+3%	12.1%	10.4%	-
4	Abbott Laboratories	2,865	3,661	+4%	7.2%	6.4%	-
5	Edwards Lifesciences	2,012	3,050	+6%	5.0%	5.3%	+2
6	Johnson & Johnson	2,077	2,959	+5%	5.2%	5.2%	-1
7	Terumo	1,786	2,827	+7%	4.5%	4.9%	+1
8	Getinge	2,046	2,573	+3%	5.1%	4.5%	-2
9	W. L. Gore	1,500	2,152	+5%	3.8%	3.8%	-
10	Asahi Kasei	819	1,864	+12%	2.1%	3.3%	+2
2	Тор 10	31,854	43,036	+4%	79.8%	75.1%	
	Other	8,067	14,277	+8%	20.2%	24.9%	
	Total Industry	39,921	57,313	+5.3%	100.0%	100.0%	

Source: EvaluateMedTech® (18 SEP 2014); Consensus sales from equity analysts' reports

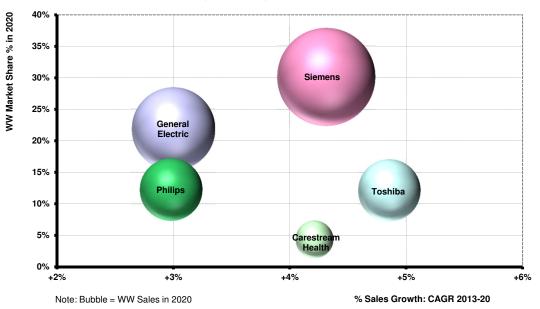
Note: General Electric & Philips do not disclose cardiology sales. Medtronic does not include revenues from proposed acquisition of Covidien.



Siemens Extends Leading Position in Diagnostic Imaging in 2020

EvaluateMedTech® consensus forecast finds that Siemens is forecast to extend its position as the world's leading diagnostic imaging company in 2020. The company is expected to generate \$14.2bn of sales in 2020 representing a market share of 30.1%, an increase from 29.7% in 2013.

Overall, the diagnostic imaging market is set to grow at 4.1% per year (CAGR) to \$47.0bn in 2020.



WW Diagnostic Imaging Sales, Market Share & Sales Growth (2013-20) Source: EvaluateMedTech® (18 SEP 2014)

WW Diagnostic Imaging Sales: Top 10 Companies & Total Market (2013/20)

		WW Sal	les (\$m)	CAGR	WW Marl	ket Share	Rank Chg.
Rank	Company	2013	2020	2013-20	2013	2020	2013-20
1	Siemens	10,539	14,164	+4%	29.7%	30.1%	-
2	General Electric	8,372	10,294	+3%	23.6%	21.9%	-
3	Philips	4,706	5,779	+3%	13.3%	12.3%	-
4	Toshiba	4,102	5,717	+5%	11.6%	12.2%	-
5	Carestream Health	1,539	2,054	+4%	4.3%	4.4%	-
6	Hitachi Medical	1,179	1,359	+2%	3.3%	2.9%	-
7	Konica Minolta	823	1,043	+3%	2.3%	2.2%	+1
8	Agfa-Gevaert	909	1,033	+2%	2.6%	2.2%	-1
9	Varian Medical Systems	546	984	+9%	1.5%	2.1%	+1
10	Hologic	421	783	+9%	1.2%	1.7%	+1
	Top 10	33,137	43,210	+4%	93.4%	92.0%	
	Other	2,335	3,770	+7%	6.6%	8.0%	
	Total Industry	35,472	46,980	+4.1%	100.0%	100.0%	

Source: EvaluateMedTech® (18 SEP 2014); Consensus sales from equity analysts' reports

Note: Segment sales include servicing of equipment. FUJIFILM's Diagnostic Imaging sales are not available.

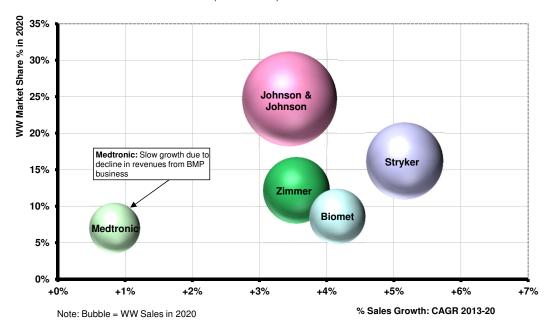


Johnson & Johnson Continues to Lead the Orthopedics Market

EvaluateMedTech® consensus forecast finds that Johnson & Johnson continues to lead the pack in orthopedics, with sales expected to reach \$11.3bn - representing a 24.7% market share - in 2020.

However, following the completion of its pending \$13.4bn acquisition of Biomet, Zimmer will close in on the leader and is forecast to leapfrog Stryker to take second place in the rankings with combined revenue forecast to reach \$9.5bn in 2020, giving it a 20.8% market share.

Of the top 20 companies, Medtronic is forecast to have the lowest growth rate, with sales expected to grow by just 1% per year (CAGR) between 2013 and 2020 owing to its struggling BMP business.



WW Orthopedics Sales, Market Share & Sales Growth (2013-20) Source: EvaluateMedTech® (18 SEP 2014)

WW Orthopedics Sales: Top 10 Companies & Total Market (2013/20)

	WW Sa	les (\$m)	CAGR	WW Mar	ket Share	Rank Chg.
Rank Company	2013	2020	2013-20	2013	2020	2013-20
1 Johnson & Johnson	8,948	11,345	+3%	26.5%	24.7%	-
2 Stryker	5,228	7,436	+5%	15.5%	16.2%	-
3 Zimmer	4,384	5,599	+4%	13.0%	12.2%	-
4 Biomet	2,964	3,941	+4%	8.8%	8.6%	+1
5 Medtronic	3,041	3,224	+1%	9.0%	7.0%	-1
6 Arthrex	1,550	2,912	+9%	4.6%	6.3%	+1
7 Smith & Nephew	2,004	2,582	+4%	5.9%	5.6%	-1
8 NuVasive	646	1,019	+7%	1.9%	2.2%	-
9 Globus Medical	434	778	+9%	1.3%	1.7%	+2
10 Wright Medical Group	474	600	+3%	1.4%	1.3%	-
Top 10	29,674	39,434	+4%	87.7%	85.9%	
Other	4,146	6,487	+7%	12.3%	14.1%	
Total Industry	33,820	45,920	+4.5%	100.0%	100.0%	

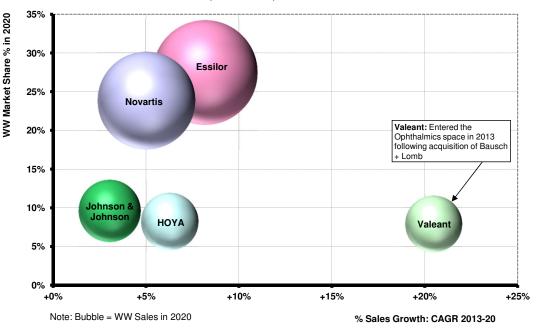
Source: EvaluateMedTech® (18 SEP 2014); Consensus sales from equity analysts' reports

Note: Zimmer does not include revenues from proposed acquisition of Biomet.



Essilor to Replace Novartis as Top Ophthalmics Company by 2020

EvaluateMedTech® consensus forecast finds that Essilor, the French maker of optical lenses, is expected to become the leading ophthalmics company in 2020. Sales are forecast to reach \$10.4bn on the back of strong annual growth of 8% (CAGR) between 2013 and 2020. Valeant Pharmaceuticals moves into the top 5 following its acquisition of Bausch + Lomb in August 2013, with sales forecast to reach almost \$3bn in 2020.



WW Ophthalmics Sales, Market Share & Sales Growth (2013-20) Source: EvaluateMedTech® (18 SEP 2014)

WW Ophthalmics Sales: Top 10 Companies & Total Market (2013/20)

		WW Sa	les (\$m)	CAGR	WW Mar	ket Share	Rank Chg.
Rank	Company	2013	2020	2013-20	2013	2020	2013-20
1	Essilor International	5,985	10,368	+8%	24.4%	27.5%	+1
2	Novartis	6,388	9,015	+5%	26.1%	23.9%	-1
3	Johnson & Johnson	2,937	3,626	+3%	12.0%	9.6%	-
4	HOYA	2,032	3,108	+6%	8.3%	8.3%	-
5	Valeant Pharmaceuticals	812	2,987	+20%	3.3%	7.9%	+4
6	The Cooper Companies	1,268	2,738	+12%	5.2%	7.3%	-
7	Carl Zeiss	1,776	2,290	+4%	7.2%	6.1%	-2
8	Abbott Laboratories	1,142	1,810	+7%	4.7%	4.8%	-1
9	TOPCON	387	646	+8%	1.6%	1.7%	+1
10	NIDEK	334	481	+5%	1.4%	1.3%	+1
	Тор 10	23,060	37,070	+7%	94.1%	98.4%	
	Other	1,437	592		5.9%	1.6%	
	Total Industry	24,497	37,662	+6.3%	100.0%	100.0%	

Source: EvaluateMedTech® (18 SEP 2014); Consensus sales from equity analysts' reports

Note: Valeant's 2013 ophthalmic revenues only include the Bausch + Lomb business from the date of the closing of the acquisition (6 AUG 2013). Proforma CAGR for the combined company is forecast to be 7% between 2013 and 2020.

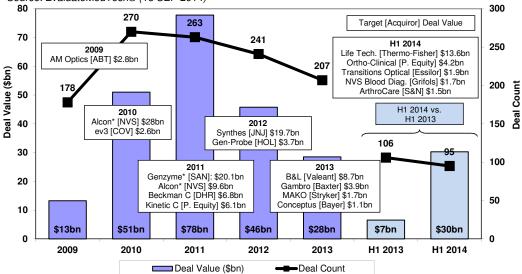


M&A Deal Value Jumps by a Massive 363% in H1 2014, though Deal Count Falls by 10%

EvaluateMedTech® found that total medtech M&A deal values came to \$30bn in H1 2014, an increase of 363% on the \$7bn in H1 2013. Despite the growth in deal value, the number of overall deals actually fell by 10% to 95 in H1 2014.

This massive hike in H1 2014 vs H1 2013 was largely due to the major acquisitions of Life Technologies by Thermo-Fisher for \$13.6bn, and J&J's Ortho-Clinical Diagnostics unit by The Carlyle Group for \$4.2bn.

The ongoing Medtronic/Covidien and Zimmer/Biomet megamergers, though, will dwarf these earlier acquisitions. Worth \$42.9bn and \$13.4bn, respectively, these deals will change the face of the medtech industry.



Count of Medtech M&A Deals vs. Total Medtech M&A Value (2009 - H1 2014) Source: EvaluateMedTech® (18 SEP 2014)

Period	2009	2010	2011	2012	2013	H1 2013	H1 2014
Deal Count	178	270	263	241	207	106	95
% Chg.		52%	-3%	-8%	-14%		-10%
Deal Value (\$bn)	13	51	78	46	28	7	30
% Chg.		285%	53%	-41%	-38%		363%

Top 10 Medtech M&A Deals Closed: Ranked on Deal Value (H1 2014)

			Completion	Deal
Target	Country (Status)	Acquiror	Date	Value (\$m)
1 Life Technologies	USA (Listed)	Thermo Fisher Scientific	03 Feb 14	13,600
2 Ortho-Clinical Diagnostics	USA (Unit)	The Carlyle Group	30 Jun 14	4,150
3 Transitions Optical	USA (Private)	Essilor International	01 Apr 14	1,855
4 Novartis Blood Transfusion Diagnostics	USA (Unit)	Grifols	09 Jan 14	1,675
5 ArthroCare	USA (Listed)	Smith & Nephew	29 May 14	1,500
6 Given Imaging	Israel (Listed)	Covidien	27 Feb 14	860
7 BarrierSafe Solutions International	USA (Private)	Ansell	03 Jan 14	615
8 BioFire Diagnostics	USA (Private)	bioMérieux	16 Jan 14	450
9 IQuum	USA (Private)	Roche	10 Jun 14	450
10 Coastal Contacts	Canada (Listed)	Essilor International	28 Apr 14	393
Other				4,720
Total				30,268

Source: EvaluateMedTech® (18 SEP 2014)

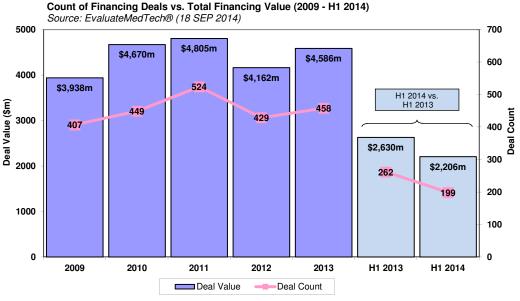
Note: Analysis based on closing date of deal.

*Alcon & Genzyme included in analysis as >25% of company sales are derived from medtech.

Venture Financing Analysis: 2009 to H1 2014

Value of Venture Financing Falls 16% in H1 2014; Deal Count Decreases 24%

EvaluateMedTech® found significant decreases in both the value and number of venture financing deals in H1 2014 vs H1 2013. The total deal value of medtech venture financing fell by 16% to \$2.2bn, whilst the number of venture financing deals slumped 24% to 199. Proteus Digital Health secured the largest financing round in H1 2014, raising \$120m in a Series G offering in June to help fund development of its digital health feedback system.



Count of Medtech Financing Deals vs. Total Financing Value (2009 - H1 2014)

						H1	H1
Period	2009	2010	2011	2012	2013	2013	2014
Deal Count	407	449	524	429	458	262	199
% Chg.		10%	17%	-18%	7%		-24%
Deal Value (\$m)	3,938	4,670	4,805	4,162	4,586	2,630	2,206
% Chg.		19%	3%	-13%	10%		-16%

Top 10 Medtech Venture Financing Deals: Ranked on Deal Value (H1 2014)

			Financing		Deal
Companty	Primary Focus	Country	Round	Date	Value (\$m)
1 Proteus Digital Health	Patient Monitoring	USA	Series G	02 Jun 14	120
2 Adaptive Biotechnologies	In Vitro Diagnostics	USA	Series D	07 Apr 14	100
3 Halt Medical	Obs. & Gyne.	USA	Series E	01 Apr 14	93
4 GC Aesthetics	General & Plastic Surgery	Ireland	Series A	21 Feb 14	60
5 Advanced Accelerator Applications	Diagnostic Imaging	France	Undisclosed	17 Feb 14	56
6 InSightec	Diagnostic Imaging	Israel	Series D	30 Jun 14	50
7 AqueSys	Ophthalmology	USA	Series D	16 Jan 14	44
8 Holaira	Anesth. & Resp.	USA	Series D	03 Apr 14	42
9 Inspire Medical Systems	Anesth. & Resp.	USA	Series E	15 May 14	40
10 Benvenue Medical	General & Plastic Surgery	USA	Series E	18 Jun 14	40
Other					1,562
Total					2,206

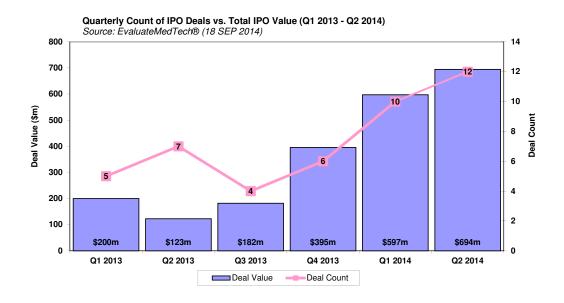
Source: EvaluateMedTech® (18 SEP 2014)

Note: Includes investments in medtech companies only. Does not include pharmaceutical or biotech companies. Includes Private Investment in Public Equity (PIPE).



Medtech IPO Activity Picks Up from Q4 2013; \$1.3bn Raised in H1 2014

EvaluateMedTech® found a significant increase in IPO activity in the medtech space in 2014, in terms of both value and number of closed deals. By the end of H1 2014 \$1.3bn had been raised in completed IPOs, which is 44% more than the \$900m raised in the whole of 2013. The largest IPO in H1 2014 was Castlight Health, a healthcare IT company, which raised \$204m in March. This was almost double that raised by the second ranked company, spinal device maker K2M, which raised \$120m in May.



Count of Medtech IPO Deals vs. Total IPO Value (Q1 2013 - Q2 2014)

	Q1	Q2	Q3	Q4	Q1	Q2
Quarter	2013	2013	2013	2013	2014	2014
Deal Count	5	7	4	6	10	12
% Chg. from previous quarter		40%	-43%	50%	67%	20%
Deal Value (\$m)	200	123	182	395	597	694
% Chg. from previous quarter		-39%	48%	118%	51%	16%

Top 10 Medtech IPO Deals: Ranked on Deal Value (H1 2014)

Commony	Duimory Footo	Country	Steel: Eveloper	Data	Deal
Company	Primary Focus	Country	Stock Exchange	Date	Value (\$m)
1 Castlight Health	Healthcare IT	USA	NYSE	14 Mar 14	204
2 K2M	Orthopedics	USA	Nasdaq	13 May 14	120
3 Horizon Discovery	In Vitro Diagnostics	UK	LSE AIM	27 Mar 14	114
4 Materialise Group	3D Printing	Belgium	Nasdaq	25 Jun 14	110
5 TriVascular Technologies	Cardiology	USA	Nasdaq	16 Apr 14	101
6 CYBERDYNE	Rehabilitation	Japan	Tokyo Stock Exchange	26 Mar 14	88
7 Inogen	Respiratory	USA	Nasdaq	14 Feb 14	71
8 Supersonic Imagine	Diagnostic Imaging	France	NYSE Euronext	10 Jun 14	69
9 Lombard Medical Technologies	Cardiology	UK	Nasdaq	25 Apr 14	63
10 Vital Therapies	Liver Disorders	USA	Nasdaq	17 Apr 14	62
Other					285
Total					1,288

Source: EvaluateMedTech® (18 SEP 2014)

Note: Does not include pharmaceutical or biotech companies.

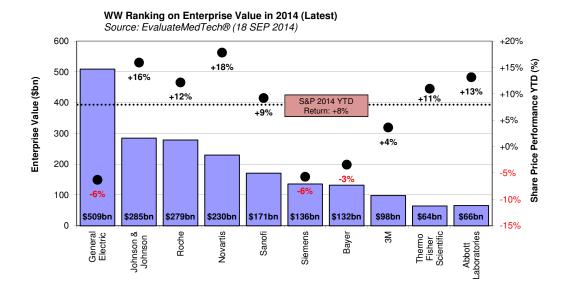
Enterprise Value & Focus Analysis: 2014 Latest vs. 2013

General Electric Number 1 in Latest Enterprise Value Rankings

EvaluateMedTech® found US giant General Electric to be the largest company, judged by enterprise value, operating in the medtech space. With a figure of \$509bn as at 17 SEP 2014, GE is a long way ahead of the second ranked company, Johnson & Johnson, which has an enterprise value of \$285bn.

The analysis includes only medtech companies that are forecast to have sales in excess of \$1bn in 2020.

The highest ranking pure-play medtech companies are Medtronic and Covidien at positions 11 and 12, with enterprise values of \$63bn and \$61bn, respectively. Upon completion of their proposed merger, the new entity's combined enterprise value of \$124bn would move up to number 8 in the rankings.



Enterprise Value: Top 20 Medtech Companies in 2014 (2020 Sales: >\$1bn)

		% '14 Sales	Enterprise Value (\$bn)			Share Price (\$ ADR)		
Company	Country	Medtech	2013	Latest	% Growth	2013	Latest	% Growth
1 General Electric	USA	8%	533	509	-4%	28.03	26.27	-6%
2 Johnson & Johnson	USA	40%	247	285	+15%	91.59	106.19	+16%
3 Roche	Switzerland	22%	246	279	+13%	278.67	312.63	+12%
4 Novartis	Switzerland	12%	204	230	+13%	80.38	94.72	+18%
5 Sanofi	France	2%	148	171	+15%	51.75	56.52	+9%
6 Siemens	Germany	18%	127	136	+7%	134.29	126.63	-6%
7 Bayer	Germany	4%	125	132	+6%	142.00	137.17	-3%
8 3M	USA	17%	96	98	+3%	140.25	145.37	+4%
9 Thermo Fisher Scientific	USA	24%	45	64	+43%	111.35	123.60	+11%
10 Abbott Laboratories	USA	46%	58	66	+13%	38.33	43.38	+13%
11 Medtronic	USA	100%	55	63	+16%	57.13	65.98	+15%
12 Covidien	USA	100%	33	61	+84%	66.08	123.31	+87%
13 Valeant Pharmaceuticals	Canada	19%	56	57	+2%	117.40	121.85	+4%
14 Danaher	USA	47%	54	55	+2%	77.20	78.73	+2%
15 Baxter International	USA	38%	44	46	+5%	69.55	72.65	+4%
16 Kimberly-Clark	USA	8%	44	45	+1%	104.46	106.72	+2%
17 Allergan	USA	14%	32	49	+55%	111.08	170.04	+53%
18 Toshiba	Japan	6%	30	35	+17%	25.41	27.38	+8%
19 Philips	The Netherlands	30%	35	34	-5%	35.70	30.45	-15%
20 Stryker	USA	100%	27	31	+14%	75.14	83.94	+12%
Total Top 20			2,238	2,445	+9%		avg.	+12%

Source: EvaluateMedTech® (18 SEP 2014)

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