As of June 30, 2016

Industry: Cardiovascular Equipment

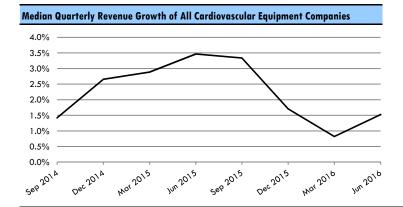


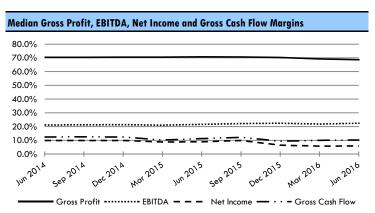
Industry Summary

Cogent Valuation identified Cardiovascular Equipment publicly traded companies, IPOs, and recent M&A transactions within the Cardiovascular Equipment industry, which provides a basis for market and transaction pricing that can be used by your firm in estimating market sentiment and its impact on your firm's value. Over the last year since June 30, 2015, the median 52-week share price return of the Cardiovascular Equipment industry was 25.4%. Between June 30, 2014 and June 30, 2016, the median EV/EBITDA multiple increased from 13.9 to 19.0. Furthermore, the median price-to-earnings multiple increased from 26.9 to 39.3 over the same period.

Comparable Public Company Key Statist	ics										
Median 52-Week Return Median 3-Year CAGR Return	25.4% 30.6%	Median EV/Revenue Multiple Median EV/EBITDA Multiple			4.7x 19.0x		Multiple ultiple	39.3x 31.7x			
Comparable Public Company Market Price Returns (As of June 30, 2016)											
	YTD	3 Month	1 Year	2 Year	3 Year	5 Year	2015	2014	2013	2012	2011
ABIOMED, Inc.	21.1%	15.3%	66.3%	108.5%	71.8%	46.5%	137.2%	42.3%	99.0%	-27.2%	92.2%
BioTelemetry, Inc.	39.6%	39.6%	72.9%	50.8%	40.3%	25.1%	16.5%	26.3%	248.2%	-3.8%	-49.4%
Boston Scientific Corporation	26.7%	24.2%	32.0%	35.3%	36.1%	27.6%	39.2%	10.2%	109.8%	7.3%	-29.5%
Cardiovascular Systems Inc.	21.5%	77.2%	-30.5%	-23.2%	-4.7%	4.8%	-49.7%	-12.3%	173.2%	27.4%	-15.5%
CR Bard Inc.	24.1%	16.0%	37.8%	28.2%	29.3%	16.4%	13.7%	24.4%	37.0%	14.3%	-6.8%
CryoLife Inc.	9.6%	9.9%	4.7%	14.9%	23.6%	16.1%	-4.9%	2.2%	78.0%	29.8%	-11.4%
Edwards Lifesciences Corp.	26.3%	13.1%	40.0%	52.4%	43.7%	18.0%	24.0%	93.7%	-27.1%	27.5%	-12.5%
Medtronic plc	12.8%	15.7%	17.1%	16.7%	19.0%	17.6%	6.5%	25.8%	39.9%	7.2%	3.1%
St. Jude Medical Inc.	26.3%	41.8%	6.7%	6.1%	19.6%	10.3%	-5.0%	5.0%	71.4%	5.4%	-19.8%
Teleflex Incorporated	34.9%	12.9%	30.9%	29.6%	31.8%	23.8%	14.5%	22.3%	31.6%	16.3%	13.9%
The Spectranetics Corporation	24.2%	28.9%	-18.7%	-9.6%	0.1%	24.6%	-56.4%	38.3%	69.3%	104.6%	39.9%
Vascular Solutions Inc.	21.1%	28.1%	20.0%	37.0%	41.5%	27.4%	26.6%	17.3%	46.5%	42.0%	-5.0%
Median of Industry Public Companies	24.2%	20.1%	25.4%	28.9%	30.6%	20.9%	14.1%	23.4%	70.3%	15.3%	-9.1%

(Multiple year periods are calculated as the average annual return.)





Median Public Company Multiples of the Cardiovascular Equipment Industry											
Date:	6/30/2014	9/30/2014	12/31/2014	3/31/2015	6/30/2015	9/30/2015	12/31/2015	3/31/2016	6/30/2016		
EV/Revenues Multiple	3.7x	3.5x	3.9x	3.9x	4.2x	3.7x	3.8x	3.9x	4.7x		
EV/EBITDA Multiple	13.9x	13.5x	14.0x	15.7x	16.1x	15.8x	16.5x	16.6x	19.0x		
Price/Earnings Multiple	26.9x	19.6x	23.1x	26.7x	34.4x	35.4x	36.7x	40.6x	39.3x		
EV/Gross Cash Flows Multiple	23.5x	17.4x	19.9x	22.8x	28.6x	31.9x	31.2x	33.2x	31.7x		

This industry research is provided at no charge to Cogent Valuation's clients. Research or detailed information not covered in this report can be obtained for a fee. Contact Steven Kam at 415-392-0888 for additional information or questions in connection with this research report. Copyright © 2016 Cogent Valuation. All Rights Reserved.

As of June 30, 2016

Industry: Cardiovascular Equipment

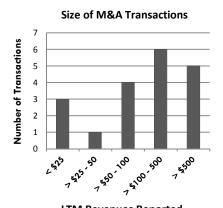


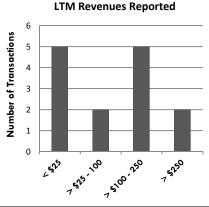
Industry Initial Public Offerings (dollars in millions, except share prices)											
Offer Date	Company Name	Offer Price	Shares Offered	Amount Raised	Total Assets	<u>Debt</u>	LTM Revenues	LTM EBITDA	LTM Net Income	LTM Cash Flows	
11/17/2011	Sphere Medical Holding PLC	\$1.46	15.1	\$22.1	\$1.5	\$3.8	\$0.0	(\$6.6)	(\$7.0)	(\$6.3)	
4/18/2011	InspireMD, Inc.	\$1.50	7.0	\$10.4	\$4.4	\$1.5	\$4.9	(\$3.1)	(\$3.4)	(\$3.0)	
2/10/2011	Kips Bay Medical, Inc.	\$8.00	2.1	\$16.5	\$7.2	\$0.0	\$0.1	(\$8.7)	(\$10.2)	(\$8.6)	
3/18/2008	BioTelemetry, Inc.	\$18.00	4.5	\$81.0	\$103.0	\$2.8	\$73.0	\$5.2	(\$0.4)	\$8.9	
6/14/2006	Volcano Corporation	\$8.00	6.8	\$54.4	\$62.0	\$31.1	\$95.3	(\$4.2)	(\$17.8)	\$0.5	
12/12/2005	Lombard Medical Technologies Limited	\$2.82	14.4	\$47.0	\$11.8	\$7.4	\$0.1	\$0.0	(\$13.0)	\$1.3	
8/5/2005	AtriCure, Inc.	\$12.00	4.0	\$48.0	\$12.4	\$0.0	\$22.9	(\$4.8)	(\$9.7)	(\$3.7)	
8/11/2004	Stereotaxis Inc.	\$8.00	5.5	\$44.0	\$41.1	\$6.0	\$9.9	(\$29.8)	(\$30.5)	(\$29.2)	
Median of All	IPOs .	nm	nm	\$45.5	\$12.1	\$3.3	\$7.4	(\$4.5)	(\$9.9)	(\$3.4)	

nm: not meaningful

Recent Merger and Acquisition Transactions for a Majority Stake (dollars in millions)

<u>Transaction Date</u>	<u>Target</u>	<u>Acquirer</u>	<u>Transaction Size</u>	% Bought	LTM Revenues	EV/Revenues
4/4/2016	Creganna-Tactx Medical	TE Connectivity Ltd.	\$895.0	100%	\$249.0	3.6x
10/8/2015	Thoratec Corp.	SJM International, Inc.	\$3,683.3	100%	\$483.8	7.0x
9/28/2015	Lazarus Effect, Inc.	Medtronic plc	\$100.0	100%	N/A	N/A
7/30/2015	Altura Medical, Inc.	Lombard Medical, Inc.	\$49.0	100%	N/A	N/A
6/18/2015	CardioInsight Technologies	Medtronic plc	\$123.0	100%	N/A	N/A
5/30/2014	CardioMEMS, Inc.	St. Jude Medical Inc.	\$375.0	81%	N/A	N/A
2/20/2014	Oscor Inc., Lead Business	Sorin SpA	\$20.0	100%	N/A	N/A
12/1/2013	CircuLite, Inc.	Heartware International	\$401.8	100%	\$1.3	N/A
8/11/2013	Cardiocom	Medtronic	\$200.0	100%	\$50.0	4.0x
7/3/2012	eResearchTechnology	Genstar Capital	\$423.5	100%	\$193.7	1. 9 x
5/31/2012	SunTech Medical Group	Halma	\$57.0	100%	\$23.0	2.3x
4/25/2012	ZOLL Medical	Asahi Kasei	\$2,216.2	100%	\$544.3	3.9x
8/31/2011	Salient Surgical Technologies	Medtronic	\$452.0	91%	\$100.0	5.0x
8/31/2011	PEAK Surgical	Medtronic	\$96.0	81%	\$20.0	5.9x
12/21/2010	Clarient	GE Healthcare	\$597.9	100%	\$110.1	5.3x
12/21/2010	Biotel	CardioNet	\$11.6	100%	\$10.9	0.9x
12/3/2010	Cardiac Science	Opto Circuits	\$56.3	100%	\$145.9	0.3x
11/30/2010	Beijing Star Medical Devices	Lepu Medical Technology	\$22.6	100%	\$2.7	8.4x
11/17/2010	AGA Medical Holdings	St. Jude Medical	\$1,310.9	100%	\$209.7	6.2x
Median of the	19 M&A Transaction Target	s	\$200.0	100%	\$105.0	4.0x





Definitions of Financial Terms Used in this Quarterly Industry Update:

Enterprise Value (EV): Market Value of Equity + Market Value of Debt - Cash

Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA): Profitability metric sometimes also referred to as operating profit or operating earnings.

Gross Cash Flows: Net Income + Depreciation and Amortization Expense

Latest Twelve Months (LTM): Financial information is as of the latest twelve months through the date of this Quarterly Industry Update.

As of June 30, 2016 Medical Device Industry Aggregates



Comparable Public Company Key Statis	tics										
Median 52-Week Return	-7.6%	Me	edian EV/F	Revenue Mu	ultiple	3.6x	3.6x Median Price/Earnings Multiple				
Median Year-to-Date Return	5.3%	Me	Median EV/EBITDA Multiple				M	ultiple	27.2x		
Comparable Public Company Market Pr	ice Returns (As o	f June 30, 20	016)								
	YTD	3 Month	1 Year	2 Year	3 Year	5 Year	2015	2014	2013	2012	2011
ABIOMED, Inc.	21.1%	15.3%	66.3%	108.5%	71.8%	46.5%	137.2%	42.3%	99.0%	-27.2%	92.2%
AngioDynamics Inc.	18.4%	16.9%	-12.4%	-6.2%	8.4%	0.2%	-36.1%	10.8%	56.1%	-25.8%	-3.6%
Atossa Genetics, Inc.	-12.5%	-18.6%	-75.2%	-59.2%	-62.2%	N/A	-77.6%	-38.4%	-40.5%	N/A	N/A
AtriCure, Inc.	-37.0%	-16.0%	-42.7%	-12.3%	14.1%	1.8%	12.4%	6.9%	170.7%	-37.8%	8.1%
Becton, Dickinson and Company	10.1%	11.7%	19.7%	19.7%	19.7%	14.5%	10.7%	25.9%	41.3%	4.6%	-11.6%
BIOLASE, Inc.	39.1%	-10.7%	-32.8%	-27.1%	-30.8%	-24.7%	-68.0%	-6.6%	56.1%	-26.6%	52.8%
Boston Scientific Corporation	26.7%	24.2%	32.0%	35.3%	36.1%	27.6%	39.2%	10.2%	109.8%	7.3%	-29.5%
Cardiovascular Systems Inc.	21.5%	77.2%	-30.5%	-23.2%	-4.7%	4.8%	-49.7%	-12.3%	173.2%	27.4%	-15.5%
CAS Medical Systems Inc.	4.0%	29.6%	43.8%	-4.3%	3.3%	-8.7%	7.3%	-2.9%	-20.9%	23.0%	-45.4%
CryoLife Inc.	9.6%	9.9%	4.7%	14.9%	23.6%	16.1%	-4.9%	2.2%	78.0%	29.8%	-11.4%
Cutera, Inc.	-12.4%	-0.4%	-27.6%	3.9%	8.4%	5.6%	19.8%	4.9%	13.1%	20.8%	-10.1%
Cytosorbents Corporation	-18.3%	16.1%	-25.9%	-13.3%	14.9%	-2.2%	-44.0%	218.4%	-3.8%	-18.8%	14.4%
Daxor Corp.	6.6%	0.9%	18.2%	8.3%	2.5%	-4.5%	8.9%	2.2%	-10.1%	-16.5%	-1.6%
Delcath Systems, Inc.	700.3%	-13.0%	-73.9%	-69.1%	-65.2%	-68.6%	-58.7%	-70.3%	-79.3%	-59.7%	-68.9%
DexCom, Inc.	-3.1%	16.8%	-0.8%	41.4%	52.3%	40.5%	48.8%	55.5%	160.6%	46.0%	-31.8%
Endologix Inc.	25.9%	49.0%	-18.8%	-9.5%	-2.1%	6.0%	-35.3%	-12.3%	22.5%	24.0%	60.6%
EnteroMedics Inc.	-85.1%	-70.0%	-96.9%	-88.9%	-74.3%	-62.8%	-90.8%	-30.4%	-27.1%	64.7%	-44.8%
Escalon Medical Corp.	-26.4%	-2.3%	-45.1%	-32.5%	-16.5%	-7.8%	-34.2%	-18.3%	107.3%	-5.0%	-33.3%
Globus Medical, Inc.	-14.3%	0.3%	-7.2%	-0.2%	12.2%	N/A	17.0%	17.8%	92.4%	N/A	N/A
Heartware International Inc.	14.6%	83.8%	-20.6%	-19.2%	-15.3%	-4.9%	-31.4%	-21.8%	11.9%	21.7%	-21.2%
InspireMD, Inc.	-63.6%	-36.6%	-88.6%	-89.6%	-75.6%	-68.3%	-88.7%	-68.4%	-36.9%	-55.3%	N/A
LeMaitre Vascular, Inc.	-17.3%	-8.1%	18.3%	31.4%	29.7%	15.1%	125.5%	-4.5%	39.5%	-3.0%	-12.6%
Merit Medical Systems, Inc.	6.7%	7.2%	-7.9%	14.6%	21.2%	2.0%	7.3%	10.1%	13.2%	3.9%	5.7%
MGC Diagnostics Corporation	-1.2%	6.3%	14.4%	-11.4%	-7.9%	7.0%	3.1%	-49.4%	114.6%	13.0%	0.4%
NeuroMetrix Inc.	-16.2%	-9.3%	-54.4%	-53.7%	-40.8%	-50.9%	-74.6%	-33.2%	12.5%	-65.4%	-69.4%
NuVasive, Inc.	10.4%	22.8%	26.0%	29.6%	34.1%	12.7%	14.7%	45.9%	109.1%	22.8%	-50.9%
Nxstage Medical, Inc.	-1.0%	44.6%	51.8%	22.8%	14.9%	0.8%	22.2%	79.3%	-11.1%	-36.7%	-28.5%
St. Jude Medical Inc.	26.3%	41.8%	6.7%	6.1%	19.6%	10.3%	-5.0%	5.0%	71.4%	5.4%	-19.8%
Stryker Corporation	28.9%	11.7%	25.4%	19.2%	22.8%	15.3%	-1.5%	25.5%	37.1%	10.3%	-7.4%
Sunshine Heart Inc.	-65.9%	-45.1%	-86.6%	-71.3%	-55.9%	N/A	-68.2%	-56.3%	59.4%	N/A	N/A
Tandem Diabetes Care, Inc.	-36.2%	-13.4%	-30.4%	-31.9%	N/A	N/A	-7.0%	-50.7%	N/A	N/A	N/A
The Cooper Companies Inc.	27.8%	11.4%	-3.6%	12.5%	13.0%	16.7%	-17.2%	30.9%	33.9%	31.1%	25.2%
TransEnterix, Inc.	-50.8%	-71.3%	-59.3%	-50.8%	-12.2%	-23.3%	-14.8%	-64.7%	650.0%	-63.3%	-64.7%
Utah Medical Products Inc.	7.6%	0.7%	5.7%	10.7%	5.1%	19.1%	-2.5%	5.1%	58.6%	33.5%	0.4%
Varian Medical Systems, Inc.	1.8%	2.8%	-2.5%	-0.5%	6.8%	3.3%	-6.6%	11.4%	10.6%	4.6%	-3.1%
Vascular Solutions Inc.	21.1%	28.1%	20.0%	37.0%	41.5%	27.4%	26.6%	17.3%	46.5%	42.0%	-5.0%
Median of Industry Public Companies	5.3%	6.8%	-7.6%	-2.4%	8.4%	4.0%	-4.9%	3.5%	41.3%	5.0%	-11.4%

(Multiple year periods are calculated as the average annual return.)

As of June 30, 2016 Medical Device Industry Aggregates

Median of All IPOs



										/	
Median Publ	ic Company Multiples of the I	Medical Device	e Industry Ago	regates							
Date:		6/30/2014	9/30/2014	12/31/2014	3/31/2015	6/30/2015	5	9/30/2015	12/31/2015	3/31/2016	6/30/2016
EV/Revenu	es Multiple	3.0x	2.8x	3.4x	3.6x	3.8x		3.1x	3.6x	3.2x	3.6x
EV/EBITDA	Multiple	13.0x	12.0x	13.0x	14.5x	14.0x		14.3x	13.3x	14.9x	16.2x
Price/Earni	ings Multiple	31.5x	32.4x	34.8x	34.9x	36.0x		35.0x	33.6x	34.0x	35.2x
EV/Gross (Cash Flows Multiple	23.0x	24.4x	23.0x	27.8x	30.1x		26.8x	33.2x	26.8x	27.2x
Industry Init	ial Public Offerings - Medical	Device Indust	try Aggregate	s (dollars in mill	ions, except sh	are prices)					
Offer Date	Company Name		Offer Price	Shares Offered	Amount Raised	Total Assets	<u>Debt</u>	LTM Revenues	LTM EBITDA	LTM Net Income	LTM Cash Flov
9/17/2015	Penumbra, Inc.		\$30.00	4.0	\$120.0	\$129.1	\$0.0	\$149.1	\$2.0	\$0.4	\$3.1
7/7/2015	Biocorp Production		\$10.12	1.0	\$9.7	\$6.5	\$4.3	\$2.0	(\$2.6)	\$0.0	(\$2.6)
6/4/2015	EndoChoice Holdings, Inc.		\$15.00	6.4	\$95.3	\$102.7	\$39.5	\$64.3	(\$39.7)	(\$58.0)	(\$34.1)
1/30/2015	Avinger, Inc.		\$13.00	5.0	\$65.0	\$23.1	\$32.7	\$11.5	(\$23.9)	(\$32.4)	(\$22.4)
12/19/2014	Medovex Corp.		\$5.75	1.4	\$8.0	\$2.6	\$0.0	\$0.0	(\$0.7)	(\$0.7)	(\$0.7)
11/5/2014	Nevro Corp.		\$18.00	7.0	\$126.0	\$62.9	\$0.0	\$26.6	(\$26.5)	(\$26.2)	(\$26.5)
5/7/2014	K2M Group Holdings, Inc.		\$15.00	8.8	\$132.4	\$296.9	\$43.2	\$155.6	(\$8.1)	(\$37.9)	(\$1.6)
4/15/2014	TriVascular Technologies, Inc.		\$12.00	6.5	\$78.0	\$64.7	\$44.3	\$19.5	(\$42.9)	(\$50.3)	(\$41.9)
11/13/2013	Tandem Diabetes Care, Inc.		\$15.00	8.0	\$120.0	\$48.6	\$29.3	\$21.0	(\$37.1)	(\$48.1)	(\$34.2)
10/8/2013	LDR Holding Corporation		\$15.00	5.0	\$75.0	\$78.7	\$53.8	\$98.3	\$2.5	(\$10.3)	\$5.6
8/2/2012	Globus Medical, Inc.		\$12.00	8.3	\$100.0	\$354.8	\$0.0	\$347.9	\$121.4	\$63.9	\$138.8
6/27/2012	Tesaro, Inc.		\$13.50	6.0	\$81.0	\$93.0	\$0.0	\$0.0	(\$23.2)	(\$23.2)	(\$23.2)
4/30/2012	Supernus Pharmaceuticals, Inc.		\$5.00	3.4	\$50.0	\$53.7	\$29.5	\$0.8	(\$36.9)	\$53.8	(\$36.2)
2/10/2011	Kips Bay Medical, Inc.		\$8.00	2.1	\$16.5	\$7.2	\$0.0	\$0.1	(\$8.7)	(\$10.2)	(\$8.6)
2/2/2011	Tornier N.V.		\$19.00	8.8	\$166.3	\$499.2	\$133.8	\$223.4	\$13.2	(\$62.1)	\$28.6
11/23/2010	Anacor Pharmaceuticals, Inc.		\$5.00	12.0	\$60.0	\$20.4	\$9.1	\$31.1	(\$4.3)	(\$6.5)	(\$3.6)
11/22/2010	Zogenix, Inc.		\$4.00	7.1	\$56.0	\$55.0	\$35.9	\$14.6	(\$55.4)	(\$77.6)	(\$54.1)
8/13/2010	Electromed, Inc.		\$4.00	1.7	\$6.8	\$13.4	\$3.8	\$14.2	\$2.3	\$1.0	\$2.6
8/2/2010	Trius Therapeutics, Inc.		\$5.00	4.7	\$50.0	\$18.7	\$19.8	\$5.4	(\$18.8)	(\$20.4)	(\$18.1)
3/24/2010	CorMedix, Inc.		\$6.50	1.9	\$12.5	\$2.2	\$13.8	\$0.0	(\$6.0)	(\$8.1)	(\$6.0)
3/11/2010	AVEO Pharmaceuticals, Inc.		\$9.00	9.0	\$81.0	\$59.8	\$19.7	\$20.7	(\$39.9)	(\$44.1)	(\$38.6)

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\$75.0

\$19.7

\$55.0

\$19.5

(\$8.7)

(\$20.4)

(\$8.6)

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