

# Stryker

## Upside Potential **21%**

### Cost of Equity Calculation

risk free rate (10 year)	4.15%
beta (bloomberg)	0.4
regressed beta	0.68
built up beta	0.50
industry average beta	0.59
Terminal Beta	1
total equity risk premium	5.50%
Default Spread	0.35%
pre tax cost of debt	4.50%
Effective tax rate	29.00%
<b>after tax cost of debt</b>	<b>3.20%</b>
<b>cost of equity</b>	<b>6.91%</b>
<b>cost of equity (terminal)</b>	<b>9.65%</b>

Share Price	51.05
Shares Outstanding	410
EPS (2004)	<b>1.45</b>
EPS (2005)	<b>1.74</b>
EPS (2006)	<b>2.09</b>
Revenue per share	8.842
P/E (Trailing)	35.20
P/E (Forward)	29.34
PEG (5 year)	1.7
Price/Sales	5.77
Debt	7.32
Equity	20930.50
D/E	0.00

	2004	2003	2002	2001	
Sales	4,262,300	3,625,300	3,011,600	2,602,300	Sales
Depreciation	250,900	229,700	186,100	172,000	YoY Sales Growth
Cap Ex	144,700	10,800	173,600	43,000	Dep % of Sales
Current Assets - Cash & Marketables	2,070,100	1,331,700	1,113,500	943,000	CapEx % Sales
Current Liabilities	1,113,500	850,500	707,500	533,400	Dep to Sales
Non Cash Working Capital	956,600	481,200	406,000	409,600	ΔNWC

	2004	1	2	3	4	5
	2004	2005E	2006E	2007E	2008E	2009E
Rev Growth Rate	17.6%	15.5%	14.5%	13.0%	12.0%	11.0%
Sales	4,262,300	4,922,957	5,636,785	6,369,567	7,133,915	7,918,646
EBIT Margin	19.93%	20.5%	21.1%	21.7%	22.3%	22.9%
EBIT Growth	27%	19.0%	17.8%	16.2%	15.1%	14.0%
EBIT	849400	1010468	1190663	1383503	1592144	1814588

Tax Rate	30%	29.5%	29.0%	29.0%	29.0%	29.0%
<b>EBIT(1-T)</b>	597090	712380	845370	982287	1130422	1288358
Int Expense	6800	1098	1394	1266	1166	1084
<i>Profit Margin</i>	13.8%	14.4%	15.0%	15.4%	15.8%	16.3%
<b>Net Income</b>	590290	711282	843977	981021	1129256	1287274
<b>Net Income growth</b>	29%	20.50%	18.66%	16.24%	15.11%	13.99%
<i>Cap Ex % Sales</i>	2.76%	3.0%	3.3%	3.6%	3.9%	4.2%
CapEx	117469	149686	187433	229926	277820	330916
<i>Dep/Am % of Sales</i>	5.89%	5.89%	5.89%	5.89%	5.89%	5.89%
Dep	250900	289790	331809	374944	419937	466131
<b>ΔNWC</b>		148,273	160,207	164,460	171,545	176,119
<b>FCFE</b>	723721	703112	828146	961579	1099829	1246369
Discount Factor		0.93	0.87	0.81	0.75	0.70
<b>PV of FCFE</b>		654495	717580	775586	825756	871073

FCFE	8632903
Terminal Value	34349547
PV of Terminal	16777890
<b>Total PV of CF's</b>	25410793
Shares Outstanding	410000
Intrinsic Value	<b>\$ 61.98</b>

Hip	871.1
Knees	770
Trauma	368.4
Spine	270.9
Other	273.5
<i>Total Orthopedic</i>	2553.9
Instruments	635.7
Endoscopy	497.9
Beds & Stretchers	314
Other	0
<i>Total MedSurg</i>	1447.6
<i>Physical Therapy</i>	247.2

Sales Growth (weighted	21%
COGS % of sales	25%
SG&A % of sales	45%
EBIT Margin (weighted t	27%
Profit Margin (weighted t	8%
Hyper Growth Rate	11-15%
Transition Growth Rate	4-12%
Stable Growth Rate	3.50%

Weighted Avg	2004	2003	2002	2001		
	13,501,500	4,262,300	3,625,300	3,011,600	2,602,300	
	<b>17.16%</b>	17.57%	20.38%	15.73%	13.67%	
	<b>4.35%</b>	5.89%	6.34%	6.18%	6.61%	
	<b>2.76%</b>	3.39%	0.30%	5.76%	1.65%	
	<b>672%</b>	173.39%	2126.85%	107.20%	400.00%	
	<b>35.97%</b>	98.79%	18.52%	-0.88%		
	6	7	8	9	10	
	2010E	2011E	2012E	2013E	2014E	Terminal
	10.0%	9.0%	8.0%	6.0%	4.0%	3.5%
	8,710,511	9,494,457	10,254,013	10,869,254	11,304,024	11,699,665
	23.5%	24.1%	24.7%	25.3%	25.9%	26.5%
	12.9%	11.8%	10.7%	8.6%	6.5%	5.9%
	2048087	2289138	2533530	2750479	2928032	3100411

29.0%	29.0%	29.0%	29.0%	29.0%	29.0%
1454142	1625288	1798806	1952840	2078903	2201292
1007	929	0	0	0	0
16.7%	17.1%	17.5%	18.0%	18.4%	18.8%
1453135	1624359	1798806	1952840	2078903	2201292
12.88%	11.78%	10.74%	8.56%	6.46%	5.89%
4.5%	4.7%	5.0%	5.3%	5.6%	5.89%
388797	450809	516056	577952	633240	688700
5.89%	5.89%	5.89%	5.89%	5.89%	5.89%
512744	558891	603602	639818	665411	688700
177,720	175,943	170,469	138,080	97,577	88,795
1399361	1556497	1715883	1876626	2013496	2112497
0.65	0.61	0.56	0.52	0.49	
910374	942583	967254	984719	983484	