

# Stryker

# **SYK** meant it – operating margins really are sprinting back

Reiterate Rating: BUY | PO: 350.00 USD | Price: 316.64 USD

### Half of the margin ramp back to pre-covid coming in 2024

SYK's 2024 guide gave both revenue upside and margin/EPS upside which so far has been unique (others not passing on as much EPS upside). How much further upside there is to SYK's 2024 initial margin guide will remain to be seen but 2024 revenue and EPS are likely moving higher either way. Then 2025 will have another year of solid margin expansion (underwriting DD EPS growth). SYK has expected 200bps of margin expansion over 2 years and the 2024 guide now implies roughly half will come in 2024 (our math is +80-110bps) - a margin ramp faster than most expected. We reiterate our Buy rating and raise our PO to \$350 (from \$325) as we apply a higher 30x multiple (from 28x prior) on our new 2024E EPS given SYK has continued to sustain a much higher growth rate.

### ZBH hips/knees can likely beat now after seeing SYK/JNJ

SYK Q4 q/q seasonality was more pronounced than normal for both hips/knees. JNJ's US knees were well above normal q/q seasonality and US hips more in line with historical seasonality. The Street is modeling ZBH closer to normal seasonality suggesting some level of upside is possible if ZBH sees the same seasonality as SYK/JNJ.

The Street models ZBH WW knees +14% q/q in Q4 (historical avg +15%), ZBH WW hips +9% q/q in Q4 (historical avg +10%), ZBH US knees +15% q/q in Q4 (historical avg +13%), and ZBH US hips up 9% q/q in Q4 (historical avg of 8%).

SYK WW knees were +22% q/q, above historical avg of +18%. SYK WW hips were +14% q/q, above the historical avg of +10%. SYK US knees were +22% q/q, above the historical avg of +19%. SYK US Hips were +17% q/q, well above with historical avg of +11%.

JNJ WW knees were +14.5% q/q, slightly above the historical avg of +13%. JNJ WW hips were +6% q/q, below the historical avg of +10%. JNJ US knees were +17% q/q, well above the historical avg of +12.5%. JNJ US Hips were +11% q/q, in-line with historical avg of +10%.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	9.34	10.60	11.85	13.41	14.65
GAAP EPS	6.17	8.25	8.94	10.50	11.75
EPS Change (YoY)	2.8%	13.5%	11.8%	13.2%	9.2%
Consensus EPS (Bloomberg)			11.56	12.80	14.05
DPS	2.75	2.97	3.17	3.37	3.57
Valuation (Dec)					
P/E	33.9x	29.9x	26.7x	23.6x	21.6x
GAAP P/E	51.3x	38.4x	35.4x	30.2x	26.9x
Dividend Yield	0.9%	0.9%	1.0%	1.1%	1.1%
EV / EBITDA*	27.4x	24.4x	21.9x	19.6x	18.0x
Free Cash Flow Yield*	1.7%	2.5%	2.5%	2.9%	3.3%
* For full definitions of <i>IQ</i> method <sup>SM</sup> measures, see page 8.					

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Refer to important disclosures on page 9 to 11. Analyst Certification on page 7. Price
Objective Basis/Risk on page 7.

Timestamp: 31 January 2024 05:00AM EST

#### 31 January 2024

#### Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	325.00	350.00
2024E Rev (m)	21,722.9	22,097.7
2025E Rev (m)	23,301.9	23,830.9
2026E Rev (m)	24,895.9	25,606.4
2024E EPS	11.56	11.85
2025E EPS	13.01	13.41
2026E EPS	14.07	14.65

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#### Stock Data

Price	316.64 USD
Price Objective	350.00 USD
Date Established	31-Jan-2024
Investment Opinion	B-1-7
52-Week Range	248.96 USD - 317.82 USD
Mrkt Val (mn) / Shares Out	120,290 USD / 379.9
(mn)	
Free Float	89.6%
Average Daily Value (mn)	436.09 USD
BofA Ticker / Exchange	SYK / NYS
Bloomberg / Reuters	SYK US / SYK.N
ROE (2024E)	22.6%
Net Dbt to Eqty (Dec-2023A)	52.3%
ESGMeter™	High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

# *iQ*profile<sup>™</sup> Stryker

(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Capital Employed	12.2%	13.0%	13.7%	14.4%	14.5%
Return on Equity	22.7%	22.9%	22.6%	22.4%	21.4%
Operating Margin	23.8%	24.2%	25.2%	26.3%	26.7%
Free Cash Flow	2,036	2,950	3,032	3,512	3,938
<i>iQ</i> method <sup>™</sup> – <b>Quality of Earnings*</b>					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash Realization Ratio	0.7x	0.9x	0.8x	0.8x	0.8
Asset Replacement Ratio	1.6x	1.6x	1.7x	1.8x	2.0
Tax Rate	14.0%	14.1%	14.5%	14.5%	14.5%
Net Debt-to-Equity Ratio	67.4%	52.3%	36.5%	22.1%	9.59
Interest Cover	NA	NA	NA	NA	N/
Income Statement Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Sales	18,449	20,498	22,098	23,831	25,606
% Change	7.8%	11.1%	7.8%	7.8%	7.5%
Gross Profit	11,649	13,099	14,163	15,371	16,54
% Change	3.4%	12.4%	8.1%	8.5%	7.69
EBITDA	4,755	5,345	5,969	6,659	7,229
% Change	0%	12.4%	11.7%	11.6%	8.6%
Net Interest & Other Income	(233)	(223)	(248)	(228)	(228
Net Income (Adjusted)	3,570	4,067	4,557	5,164	5,650
% Change	2.8%	13.9%	12.1%	13.3%	9.4%
Free Cash Flow Data (Dec) (US\$ Millions)	2022A	2023A	2024E	2025E	2026
Not Income from Cont Onewations (CAAD)	0.550				
Net income from Cont Operations (GAAP)	3,570	4,067	4,557	5,164	
Net Income from Cont Operations (GAAP)  Depreciation & Amortization	3,570 371	4,067 390	4,557 392	5,164 392	5,650
Depreciation & Amortization Change in Working Capital			,		5,650 392
Depreciation & Amortization	371	390	392	392	5,650 392 (575
Depreciation & Amortization Change in Working Capital	371 (1,225)	390 (727)	392 (492)	392 (567)	5,650 392 (575 NA
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	371 (1,225) NA	390 (727) NA	392 (492) NA	392 (567) NA	5,650 392 (575 NA (761
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	371 (1,225) NA (92)	390 (727) NA (174)	392 (492) NA (761)	392 (567) NA (761)	5,650 392 (575 NA (761 (768
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	371 (1,225) NA (92) (588) <b>2,036</b> -25.6%	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b>	392 (492) NA (761) (663)	392 (567) NA (761) (715)	5,650 392 (575 NA (761 (768 <b>3,938</b>
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122)	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121)	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0	5,650 39: (575 N/ (761 (768 <b>3,938</b> <b>12.19</b>
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051)	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139)	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218)	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297)	5,650 392 (575 NA (761 (768 <b>3,938</b> <b>12.1%</b> (1,376
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122)	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121)	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0	5,650 392 (575 NA (761 (768 <b>3,938</b> <b>12.1%</b> (1,376
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec)	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419)	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428)	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428)	5,65( 39; (575 N/ (761 (768 <b>3,938</b> <b>12.1%</b> ((1,376 (428
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions)	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419)	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428)	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428)	5,65( 39; (575 N/ (761 (768 <b>3,938</b> <b>12.1%</b> ((1,376 (428)
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428) <b>2024E</b> 4,302	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289	5,650 392 (575 NA) (761 (768 <b>3,938</b> <b>12.1%</b> (1,376 (428)
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472 <b>2022A</b> 1,844 3,565	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428) <b>2024E</b> 4,302 4,299	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639	5,650 392 (575 NA) (761 (768 3,938 12.1% ((1,376 (428) 2026 8,622 4,983
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472 <b>2022A</b> 1,844 3,565 4,866	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428) <b>2024E</b> 4,302 4,299 5,633	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984	5,650 392 (575 N/4 (761 (768 <b>3,938</b> <b>12.1%</b> ((1,376 (428) <b>2026</b> 8,623 4,987 6,334
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472 <b>2022A</b> 1,844 3,565 4,866 2,970	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428) <b>2024E</b> 4,302 4,299 5,633 3,454	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777	5,650 392 (575 NA) (761 (768 3,938 12.1% ((1,376 (428) 2026 8,622 4,983 6,334 4,152
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472 <b>2022A</b> 1,844 3,565 4,866 2,970 23,639	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891	392 (492) NA (761) (663) <b>3,032</b> <b>2.8%</b> 0 (1,218) (428) <b>2024E</b> 4,302 4,299 5,633 3,454 23,742	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593	5,650 392 (575 N/4 (761 (768 <b>3,938</b> <b>12.1%</b> ((1,376 (428) <b>2026</b> 8,623 4,987 6,334 4,153 23,444
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	371 (1,225) NA (92) (588) <b>2,036</b> <b>-25.6%</b> (122) (1,051) 472 <b>2022A</b> 1,844 3,565 4,866 2,970 23,639 <b>36,884</b>	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891 <b>39,131</b>	392 (492) NA (761) (663) 3,032 2.8% 0 (1,218) (428) 2024E 4,302 4,299 5,633 3,454 23,742 41,430	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593 <b>44,282</b>	5,650 392 (575 NA) (761 (768 3,938 12.1% ((1,376 (428) 2026 8,622 4,983 6,334 4,153 23,444 47,542
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	371 (1,225) NA (92) (588) 2,036 -25.6% (122) (1,051) 472  2022A 1,844 3,565 4,866 2,970 23,639 36,884 1,191	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891 <b>39,131</b> 2,308	392 (492) NA (761) (663) 3,032 2.8% 0 (1,218) (428) 2024E 4,302 4,299 5,633 3,454 23,742 41,430 2,308	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593 <b>44,282</b> 2,308	5,650 392 (575 NA) (761 (768 3,938 12.1% ((1,376 (428) 2026 8,622 4,983 4,153 23,444 47,542 2,308
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Short-Term Debt Other Current Liabilities	371 (1,225) NA (92) (588) 2,036 -25.6% (122) (1,051) 472  2022A 1,844 3,565 4,866 2,970 23,639 36,884 1,191 5,112	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891 <b>39,131</b> 2,308 5,386	392 (492) NA (761) (663) 3,032 2.8% 0 (1,218) (428) 2024E 4,302 4,299 5,633 3,454 23,742 41,430 2,308 5,483	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593 <b>44,282</b> 2,308 5,607	5,650 392 (575 NA (761 (768 3,938 12.1% (1,376 (428 2026 4,982 6,334 4,152 23,444 47,542 2,308 5,73
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	371 (1,225) NA (92) (588) 2,036 -25.6% (122) (1,051) 472  2022A 1,844 3,565 4,866 2,970 23,639 36,884 1,191 5,112 11,857	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891 <b>39,131</b> 2,308 5,386 10,275	392 (492) NA (761) (663) 3,032 2.8% 0 (1,218) (428) 2024E 4,302 4,299 5,633 3,454 23,742 41,430 2,308 5,483 9,847	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593 <b>44,282</b> 2,308 5,607 9,419	5,650 392 (575 NA) (761 (768 3,938 12.1% ((1,376 (428) 2026 8,622 4,983 4,152 23,444 47,542 2,308 5,733 8,99
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities	371 (1,225) NA (92) (588) 2,036 -25.6% (122) (1,051) 472  2022A 1,844 3,565 4,866 2,970 23,639 36,884 1,191 5,112 11,857 2,108	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891 <b>39,131</b> 2,308 5,386 10,275 2,297	392 (492) NA (761) (663) 3,032 2.8% 0 (1,218) (428) 2024E 4,302 4,299 5,633 3,454 23,742 41,430 2,308 5,483 9,847 2,297	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593 <b>44,282</b> 2,308 5,607 9,419 2,297	5,650 39: (575 Nx) (761 (768 3,93i 12.19 (1,376 (428 2026 4,98: 6,33: 4,15: 23,44 47,54; 2,300 5,73 8,99 2,29:
Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	371 (1,225) NA (92) (588) 2,036 -25.6% (122) (1,051) 472  2022A 1,844 3,565 4,866 2,970 23,639 36,884 1,191 5,112 11,857	390 (727) NA (174) (605) <b>2,950</b> <b>44.9%</b> (121) (1,139) (419) <b>2023A</b> 2,715 3,985 5,357 3,183 23,891 <b>39,131</b> 2,308 5,386 10,275	392 (492) NA (761) (663) 3,032 2.8% 0 (1,218) (428) 2024E 4,302 4,299 5,633 3,454 23,742 41,430 2,308 5,483 9,847	392 (567) NA (761) (715) <b>3,512</b> <b>15.8%</b> 0 (1,297) (428) <b>2025E</b> 6,289 4,639 5,984 3,777 23,593 <b>44,282</b> 2,308 5,607 9,419	5,650 392 (575 NA) (761 (768 3,938 12.1% ((1,376 (428) 2026 8,622 4,983 6,334 4,152

**Company Sector** 

Medical Technology

#### **Company Description**

Stryker is a medical technology company that operates in two business segments. Its orthopedic implants business produces implants used in joint replacement, trauma, spine and procedures. Stryker's MedSurg and Neurosurgery segment produces surgical equipment (other than orthopedic hardware) as well patient handling and emergency medical equipment. The Neurosurgery business sells neurovascular procedures and implants used in craniomaxillofacial procedures.

#### **Investment Rationale**

SYK's message on margin upside has turned more bullish but the stock has yet to work given the negative sentiment on medtech which we see as an opportunity now ahead of the 2024 upside. SYK's new product super-cycle could add to revenue growth, capital is unlikely to slow anytime soon, ortho is likely higher for longer (multi-year backlog and better pricing), and upside to operating margins alone could drive upside to EPS.

#### Acronym glossary

DD = double digit

avg = average

WW = worldwide

JNJ = Johnson & Johnson

ZBH = Zimmer Biomet

SYK = Stryker

#### **Stock Data**

Average Daily Volume

1,377,253

#### **Quarterly Earnings Estimates**

	2023	2024
Q1	2.14A	2.34E
Q2	2.54A	2.81E
Q3	2.46A	2.85E
Q4	3.46A	3.85E

<sup>\*</sup> For full definitions of  $\emph{\textit{IQ}}\textit{method}^{\text{SM}}$  measures, see page 8.

# WW and US knee trends

#### More detail on Q4 and the guide

SYK grew Q4 revenue 11.4% vs Street's 7.6%. Guidance is for +7.5%-9% organic growth in 2024, ahead of Street's 8.0% at the midpoint. SYK's confidence in 2024 is underpinned by a strong ortho market, healthy capital equipment demand, and stabilizing macro. There is also 1 more selling day in 2024 (adds ~30bps to full year growth).

Q4'23 GM of 63.9% missed by -60bps (up 110bps y/y, down ~90bps q/q), but SYK had talked about Q4'23 GM moderating a bit on a big quarter in MS&NT and MS&NT came in 4% ahead. SYK mentioned mix being the biggest impact in Q4 on GM. The other thing is vs SYK's own internal expectations, Q4 GM was right in line. Q4'23 OM of 27.2% missed by -20bps on GM flowthrough offset by lower R&D.

SYK guided for 2024 EPS \$11.70-\$12.00, ~\$250m other expense, and tax 14-15%. This implies OM 25.0%-25.3% in 2024, above the Street's 25.0% at the midpoint, and +80-110bps of y/y OM expansion, by our math.

#### SYK ortho grew double digits in Q4 ... Mako record placements

SYK knees/hips all grew DDs y/y (WW hips/knees +10%/+14%, US hips/knees +13%/+13%). MAKO had record placements WW in Q4 (now more financed/leased vs outright buy) and utilization continues to grow as 60% knees and 34% hips in US are done on Mako. Hip/knee markets appear healthy and SYK sees sustainable MSD growth for the next 2-3 years driven more by increased patient activity than backlog.

#### Exhibit 1: WW and US knee Q4/Q3 sequential growth trends relative to historical averages

SYK WW knees grew 22% q/q Vs the historical avg ex-2020 was 18% growth in Q4/Q3 and the pre-covid avg was 18%. SYK US knees grew 22% q/q Vs the historical avg ex-2020 was 19% growth in Q4/Q3 and the pre-covid avg was 20%.

WW Knees	3Q16A	4Q16A	3Q17A	4Q17A	3Q18A	4Q18A	3Q19A	4Q19A	3Q20A	4Q20A	3Q21A	4Q21A	3Q22A	4Q22A	3Q23A	4Q23E	2016- 2019 avg.	Historical avg ex-2020
ZBH	631.5	721.0	622.9	731.0	627.9	729.0	651.9	761.0	648.7	726.1	647.9	720.1	657.0	753.6	706.3	803.6		_
q/q growth	(9.4%)	14.2%	(8.4%)	17.4%	(10.7%)	16.1%	(7.3%)	16.7%	73.4%	11.9%	(2.7%)	11.1%	(6.8%)	14.7%	(8.4%)	13.8%	16.1%	15.0%
JNJ	355.0	395.0	343.0	397.0	341.0	392.0	344.0	395.0	308.0	345.0	316.0	342.0	317.0	354.0	338.0	387.0		
q/q growth	(7.8%)	11.3%	(10.9%)	15.7%	(10.7%)	15.0%	(7.5%)	14.8%	77.0%	12.0%	(9.7%)	8.2%	(9.2%)	11.7%	(6.9%)	14.5%	14.2%	12.8%
SYK	354.0	405.0	369.0	446.0	395.0	465.0	426.0	510.0	435.0	459.0	439.0	523.0	481.0	552.0	515.0	630.0		
q/q growth	(4.3%)	14.4%	(5.1%)	20.9%	(6.4%)	17.7%	(3.2%)	19.7%	80.5%	5.5%	(7.4%)	19.1%	(3.8%)	14.8%	(8.4%)	22.3%	18.2%	17.8%
SNN	213.0	247.0	228.0	266.0	232.0	269.0	240.0	279.0	219.0	237.0	207.0	232.0	210.0	234.0	223.0	248.5		
q/q growth	(10.5%)	16.0%	(7.3%)	16.7%	(10.1%)	15.9%	(8.4%)	16.3%	59.9%	8.2%	(8.4%)	12.1%	(5.8%)	11.4%	(6.3%)	11.4%	16.2%	14.7%
US Knees	3Q16A	4Q16A	3Q17A	4Q17A	3Q18A	4Q18A	3Q19A	4Q19A	3Q20A	4Q20A	3Q21A	4Q21A	3Q22A	4Q22A	3Q23A	4Q23E	2016- 2019 avg.	Historical avg ex-2020
ZBH	397.5	444.0	381.5	443.0	384.6	433.0	399.2	454.0	383.4	425.8	363.1	403.7	389.7	447.4	413.3	474.1		g e
q/q growth	(4.7%)	11.7%	(5.9%)	16.1%	(5.8%)	12.6%	(3.7%)	13.7%	77.9%	11.1%	(4.7%)	11.2%	(2.2%)	14.8%	(5.6%)	14.7%	13.5%	13.4%
JNJ	223.0	247.0	220.0	246.0	215.0	239.0	209.0	239.0	205.0	216.0	184.0	208.0	203.0	231.0	207.0	242.0		
q/q growth	(2.6%)	10.8%	(6.8%)	11.8%	(6.1%)	11.2%	(4.1%)	14.4%	89.8%	5.4%	(12.4%)	13.0%	(6.0%)	13.8%	(6.3%)	16.9%	12.0%	12.5%
SYK	258.9	299.5	270.0	331.0	291.0	348.0	318.0	385.0	332.0	337.0	321.0	387.0	365.0	416.0	385.0	469.7		
q/q growth	(1.8%)	15.7%	(4.3%)	22.6%	(4.3%)	19.6%	(1.9%)	21.1%	85.5%	1.5%	(8.0%)	20.5%	(0.7%)	14.0%	(5.2%)	22.0%	19.7%	18.9%
SNN	111.1	133.6	115.5	139.0	117.8	140.4	119.8	148.1	110.7	124.8	97.9	119.9	108.7	128.0	107.3			
g/g growth	(12.7%)	20.3%	(13.5%)	20.3%	(12.7%)	19.2%	(10.7%)	23.6%	62.7%	12.8%	(18.1%)	22.5%	(10.7%)	17.7%	(14.3%)		20.9%	20.6%

**Source:** Company filings, Bloomberg. \*Note: JNJ and SYK actuals for Q4'23.

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#### Exhibit 2: WW and US hip Q4/Q3 sequential growth trends relative to historical averages

SYK WW hips grew 14% q/q Vs the historical avg ex-2020 was 10% growth in Q4/Q3 and the pre-covid avg was 11%. SYK US hips grew 17% q/q Vs the historical avg ex-2020 was 11% growth in Q4/Q3 and the pre-covid avg was 13%.

WW Hips	3Q16A	4Q16A	3Q17A	4Q17A	3Q18A	4Q18A	3Q19A	4Q19A	3Q20A	4Q20A	3Q21A	4Q21A	3Q22A	4Q22A	3Q23A	4Q23E	2016- 2019 avg.	Historical avg ex-2020
ZBH	440.6	482.0	432.8	499.0	444.8	498.0	459.2	511.0	484.1	504.1	453.8	480.7	468.0	488.7	465.3	506.1		
q/q growth	(7.7%)	9.4%	(7.5%)	15.3%	(8.6%)	12.0%	(4.0%)	11.3%	46.8%	4.1%	(4.4%)	5.9%	(3.9%)	4.4%	(7.7%)	8.8%	12.0%	9.7%
JNJ	320.0	350.0	328.0	364.0	330.0	365.0	336.0	377.0	345.0	372.0	356.0	378.0	352.0	385.0	375.0	398.0		
q/q growth	(8.3%)	9.4%	(6.3%)	11.0%	(8.3%)	10.6%	(7.7%)	12.2%	52.7%	7.8%	(9.2%)	6.2%	(9.3%)	9.4%	(5.5%)	6.1%	10.8%	9.8%
SYK	310.0	334.0	313.0	348.0	316.0	353.0	332.0	372.0	334.0	340.0	328.0	352.0	347.0	375.0	362.0	414.0		



#### Exhibit 2: WW and US hip Q4/Q3 sequential growth trends relative to historical averages

SYK WW hips grew 14% q/q Vs the historical avg ex-2020 was 10% growth in Q4/Q3 and the pre-covid avg was 11%. SYK US hips grew 17% q/q Vs the historical avg ex-2020 was 11% growth in Q4/Q3 and the pre-covid avg was 13%.

WW Hips	30164	40164	30174	4Q17A	30184	40184	30104	4019A	30204	40204	30214	40214	30224	40224	30337	4023E	2016-	Historical
www mps	жирс	HUIDE	אווע	AVIDE	ж	HOIDE	אנוענ	АСТОР	JUZUA	TQZUA	JŲZIA	4Q21A	JŲZZK	TŲZZA	JŲZJA	4Q23L	2019 avg.	avg ex-2020
q/q growth	(4.0%)	7.7%	(2.8%)	11.2%	(6.0%)	11.7%	(3.2%)	12.0%	54.6%	1.8%	(7.1%)	7.3%	(4.7%)	8.1%	(7.9%)	14.4%	10.7%	9.7%
SNN	138.0	153.0	140.0	157.0	142.0	160.0	145.0	160.0	156.0	162.0	145.0	151.0	136.0	150.0	141.0	156.1		
q/q growth	(9.8%)	10.9%	(6.7%)	12.1%	(9.0%)	12.7%	(7.1%)	10.3%	39.3%	3.8%	(9.9%)	4.1%	(8.7%)	10.3%	(7.2%)	10.7%	11.5%	10.1%
HC Hine	20164	40164	20174	40174	20104	40104	20104	40104	20204	40204	20214	40214	20224	40224	20224	4022E	2016-	Historical
US Hips	ADIDE	4Q16A	3Ų1/A	4Q17A	3Q16A	4Q16A	AETUC	4Q19A	3QZUA	4QZUA	3QZ IA	4QZ IA	3QZZA	4QZZA	3QZ3A	4Q23E	2019 avg.	avg ex-2020
ZBH	239.0	254.0	226.6	256.0	240.0	259.0	249.0	267.0	252.2	250.1	223.6	239.2	235.6	253.2	242.5	264.0		
q/q growth	(3.8%)	6.3%	(6.9%)	13.0%	(4.0%)	7.9%	(1.7%)	7.2%	53.2%	(0.8%)	(7.3%)	7.0%	(4.8%)	7.5%	(4.6%)	8.9%	8.6%	8.1%
JNJ	190.0	208.0	195.0	215.0	201.0	220.0	204.0	230.0	221.0	229.0	210.0	227.0	228.0	250.0	239.0	266.0		
q/q growth	(3.6%)	9.5%	(6.3%)	10.3%	(4.7%)	9.5%	(5.6%)	12.7%	61.3%	3.6%	(10.3%)	8.1%	(5.0%)	9.6%	(4.4%)	11.3%	10.5%	9.9%
SYK	193.6	211.6	194.0	219.0	198.0	228.0	211.0	239.0	223.0	213.0	199.0	216.0	225.0	239.0	231.0	269.8		
q/q growth	(2.6%)	9.3%	(4.4%)	12.9%	(4.3%)	15.2%	(3.7%)	13.3%	59.3%	(4.5%)	(10.0%)	8.5%	(2.2%)	6.2%	(7.2%)	16.8%	12.6%	10.9%
SNN	64.1	61.4	64.1	62.0	68.0	63.8	69.5	66.3	76.3	69.2	72.5	66.6	75.1	70.3	77.8			
q/q growth	(7.6%)	(4.3%)	(6.7%)	(3.4%)	(4.9%)	(6.1%)	(1.5%)	(4.6%)	52.1%	(9.3%)	(10.4%)	(8.1%)	(4.3%)	(6.4%)	(5.0%)		(4.6%)	(5.5%)

Source: Company filings, Bloomberg. \*Note: JNJ and SYK actuals for Q4'23.

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#### Exhibit 3: WW and US Sequential Knee Growth (black is actuals, green is consensus)

JNJ US knees were up 17% q/q and SYK US knees were up 22% q/q versus Street modeling 15% q/q for ZBH US knees. JNJ WW knees were up 14.5% q/q and SYK WW knees were up 22% q/q versus Street modeling 14% q/q for ZBH WW knees.

WW Knees	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	662.8	704.9	657.0	753.6	762.5	771.4	706.3	803.6
q/q growth	(8.0%)	6.4%	(6.8%)	14.7%	1.2%	1.2%	(8.4%)	13.8%
JNJ	339.0	349.0	317.0	354.0	368.0	363.0	338.0	387.0
q/q growth	(0.9%)	2.9%	(9.2%)	11.7%	4.0%	(1.4%)	(6.9%)	14.5%
SYK	464.0	500.0	481.0	552.0	566.0	562.0	515.0	630.0
q/q growth	(11.3%)	7.8%	(3.8%)	14.8%	2.5%	(0.7%)	(8.4%)	22.3%
SNN	231.0	223.0	210.0	234.0	237.0	238.0	223.0	248.5
q/q growth	(0.4%)	(3.5%)	(5.8%)	11.4%	1.3%	0.4%	(6.3%)	11.4%
US Knees	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	379.5	398.4	389.7	447.4	448.2	437.7	413.3	474.1
q/q growth	(6.0%)	5.0%	(2.2%)	14.8%	0.2%	(2.3%)	(5.6%)	14.7%
JNJ	201.0	216.0	203.0	231.0	226.0	221.0	207.0	242.0
q/q growth	(3.4%)	7.5%	(6.0%)	13.8%	(2.2%)	(2.2%)	(6.3%)	16.9%
SYK	345.0	367.5	365.0	416.0	416.0	406.0	385.0	469.7
q/q growth	(10.8%)	6.5%	(0.7%)	14.0%	0.0%	(2.4%)	(5.2%)	22.0%

 $\textbf{Source:} \ \text{Company filings, Bloomberg. *Note: JNJ and SYK actuals for Q4'23.}$ 

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#### Exhibit 4: WW and US Sequential Hip Growth (black is actuals, green is consensus)

JNJ US hips were up 11% q/q and SYK US hips were up 17% q/q versus Street modeling 9% q/q for ZBH US hips. JNJ WW hips were up 6% q/q and SYK WW hips were up 14% q/q versus Street modeling 9% q/q for ZBH WW hips.

WW Hips	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	451.0	487.2	468.0	488.7	492.8	504.3	465.3	506.1
q/q growth	(6.2%)	8.0%	(3.9%)	4.4%	0.8%	2.3%	(7.7%)	8.8%
JNJ	389.0	388.0	352.0	385.0	390.0	397.0	375.0	398.0
q/q growth	2.9%	(0.3%)	(9.3%)	9.4%	1.3%	1.8%	(5.5%)	6.1%
SYK	327.0	364.0	347.0	375.0	375.0	393.0	362.0	414.0
q/q growth	(7.1%)	11.3%	(4.7%)	8.1%	0.0%	4.8%	(7.9%)	14.4%
SNN	149.0	149.0	136.0	150.0	152.0	152.0	141.0	156.1
q/q growth	(1.3%)	0.0%	(8.7%)	10.3%	1.3%	0.0%	(7.2%)	10.7%
US Hips	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	224.6	247.5	235.6	253.2	252.3	254.3	242.5	264.0
q/q growth	(6.1%)	10.2%	(4.8%)	7.5%	(0.4%)	0.8%	(4.6%)	8.9%
JNJ	225.0	240.0	228.0	250.0	241.0	250.0	239.0	266.0
q/q growth	(0.9%)	6.7%	(5.0%)	9.6%	(3.6%)	3.7%	(4.4%)	11.3%



#### Exhibit 4: WW and US Sequential Hip Growth (black is actuals, green is consensus)

JNJ US hips were up 11% q/q and SYK US hips were up 17% q/q versus Street modeling 9% q/q for ZBH US hips. JNJ WW hips were up 6% q/q and SYK WW hips were up 14% q/q versus Street modeling 9% q/q for ZBH WW hips.

WW Hips	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
SYK	202.0	230.0	225.0	239.0	236.0	249.0	231.0	269.8
q/q growth	(6.5%)	13.9%	(2.2%)	6.2%	(1.3%)	5.5%	(7.2%)	16.8%

Source: Company filings, Bloomberg. \*Note: JNJ and SYK actuals for Q4'23.

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#### Exhibit 5: Knees Y/Y and 2-year average stacked growth (green is consensus)

JNJ US knee growth accelerated 170bps and SYK US knee growth decelerated -10bps on stacked 2-year average (Street models 170bps acceleration for ZBH).

Y/Y Growt	:h											
WW Knees	1Q21A	2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	-3.7%	72.2%	-0.7%	0.4%	9.7%	11.2%	7.2%	12.3%	17.2%	11.0%	8.8%	6.6%
2 yr avg	-5.8%	15.4%	-0.3%	-2.0%	3.0%	41.7%	3.3%	6.4%	13.5%	11.1%	8.0%	9.5%
JNJ	-11.8%	94.2%	2.1%	3.8%	8.8%	3.3%	4.9%	7.0%	11.5%	4.6%	5.7%	8.4%
2 yr avg	-7.3%	24.0%	-4.1%	-6.7%	-1.5%	48.8%	3.5%	5.4%	10.2%	4.0%	5.3%	7.7%
SYK	-5.0%	92.2%	0.3%	14.9%	14.6%	8.7%	13.4%	9.0%	23.2%	13.2%	8.4%	13.9%
2 yr avg	-3.1%	25.6%	1.5%	2.0%	4.8%	50.5%	6.9%	12.0%	18.9%	11.0%	10.9%	11.5%
SNN	-13.3%	57.8%	-6.5%	4.9%	12.2%	4.2%	7.4%	5.5%	5.0%	7.8%	5.7%	6.2%
2 yr avg	-9.9%	8.9%	-7.3%	-8.6%	-0.6%	31.0%	0.5%	5.2%	8.6%	6.0%	6.6%	5.9%
Total	-7.1%	79.4%	-0.7%	5.4%	11.2%	8.0%	8.5%	9.5%	16.0%	10.0%	7.7%	9.3%
2-Yr Stacke	d Seque											
		2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH		21.2%	-15.7%	-1.7%	5.0%	38.7%	-38.5%	3.1%	7.1%	-2.4%	-3.1%	1.5%
JNJ		31.3%	-28.0%	-2.7%	5.2%	50.3%	-45.3%	1.9%	4.8%	-6.2%	1.4%	2.4%
SYK		28.7%	-24.1%	0.5%	2.8%	45.7%	-43.6%	5.1%	7.0%	-8.0%	0.0%	0.5%
SNN		18.8%	-16.2%	-1.3%	8.0%	31.6%	-30.6%	4.8%	3.4%	-2.6%	0.6%	-0.7%
Average		25.0%	-21.0%	-1.3%	5.2%	41.5%	-39.5%	3.7%	5.6%	-4.8%	-0.3%	0.9%
Y/Y Growth												
US Knees	1Q21A	2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	-3.6%	77.0%	-5.3%	-5.2%	10.4%	4.5%	7.3%	12.3%	17.1%	10.3%	7.6%	6.0%
2 yr avg	-5.9%	16.8%	-0.3%	-1.9%	3.4%	40.8%	1.0%	3.6%	13.8%	7.4%	7.5%	9.1%
JNJ	-15.4%	93.9%	-9.8%	-0.2%	8.6%	2.9%	9.8%	11.0%	12.8%	2.4%	2.3%	4.5%
2 yr avg	-9.5%	21.5%	-5.9%	-6.9%	-3.4%	48.4%	0.0%	5.4%	10.7%	2.7%	6.1%	7.8%
SYK	-7.3%	95.2%	-3.3%	14.6%	17.5%	5.3%	13.7%	7.5%	19.6%	10.4%	6.8%	12.9%
2 yr avg	-4.1%	25.2%	0.7%	1.1%	5.1%	50.3%	5.2%	11.1%	18.6%	7.9%	10.3%	10.2%
SNN	-17.9%	74.6%	-11.6%	2.0%	11.7%	3.4%	11.1%	6.8%	10.1%	2.8%	-1.3%	
2 yr avg	-12.2%	12.7%	-9.6%	-7.9%	-3.1%	39.0%	-0.3%	4.4%	10.9%	3.1%	4.9%	
2-Yr Stacke	d Seque	ntial Acc	el/Decel:									
		2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH		22.7%	-17.0%	-1.7%	5.3%	37.4%	-39.8%	2.6%	10.2%	-6.4%	0.0%	1.7%
JNJ		30.9%	-27.3%	-1.0%	3.5%	51.8%	-48.4%	5.4%	5.3%	-8.1%	3.4%	1.7%
SYK		29.3%	-24.6%	0.4%	4.1%	45.2%	-45.1%	5.9%	7.5%	-10.7%	2.4%	-0.1%
SNN		24.9%	-22.3%	1.8%	4.8%	42.1%	-39.3%	4.7%	6.5%	-7.8%	1.8%	
Average		26.9%	-22.8%	-0.1%	4.4%	44.1%	-43.1%	4.6%	7.4%	-8.2%	1.9%	1.1%

**Source:** Company filings, Bloomberg. \*Note: JNJ and SYK actuals for Q4'23.

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#### Exhibit 6: Hips Y/Y and 2-year average stacked growth (green is consensus)

JNJ US hip growth accelerated 60bps and SYK US hip growth accelerated 370bps on stacked 2-year average (Street models 90bps acceleration for ZBH).

Y/Y Growt	th											
WW Hips	1Q21A	2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH	1.8%	39.9%	-6.6%	-2.8%	3.2%	8.6%	10.5%	9.9%	11.9%	5.4%	0.9%	3.6%
2 yr avg	5.0%	4.6%	-1.1%	-3.1%	2.5%	24.3%	2.0%	3.6%	7.6%	7.0%	5.7%	6.7%
JNJ	1.3%	67.7%	2.3%	6.7%	11.3%	2.7%	3.5%	5.4%	2.9%	3.1%	5.8%	2.7%
2 yr avg	-1.8%	15.2%	2.1%	0.0%	6.3%	35.2%	2.9%	6.1%	7.1%	2.9%	4.7%	4.1%
SYK	-3.2%	58.7%	-2.3%	4.0%	8.6%	7.6%	11.3%	12.5%	17.1%	9.3%	5.9%	10.3%
2 yr avg	-4.8%	11.2%	-1.2%	-2.6%	2.7%	33.2%	4.5%	8.3%	12.9%	8.5%	8.6%	11.4%
SNN	6.1%	36.2%	-7.9%	-0.1%	-0.7%	-2.2%	-1.0%	4.9%	4.6%	3.4%	3.5%	4.1%



**Exhibit 6: Hips Y/Y and 2-year average stacked growth (green is consensus)**JNJ US hip growth accelerated 60bps and SYK US hip growth accelerated 370bps on stacked 2-year average (Street models 90bps acceleration for ZBH).

Y/Y Growt	h											
2 yr avg	-0.8%	4.7%	-0.4%	-1.3%	2.7%	17.0%	-4.5%	2.4%	2.0%	0.6%	1.3%	4.5%
Total	0.9%	51.1%	-3.3%	1.8%	6.3%	5.4%	7.5%	8.8%	9.7%	5.6%	3.8%	5.4%
2-Yr Stacke	2-Yr Stacked Sequential Accel/Decel:											
		2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23E
ZBH		-0.4%	-5.7%	-2.0%	5.6%	21.8%	-22.3%	1.6%	4.0%	-0.6%	-1.3%	1.0%
JNJ		17.0%	-13.1%	-2.1%	6.3%	28.9%	-32.3%	3.2%	1.1%	-4.2%	1.8%	-0.6%
SYK		16.0%	-12.4%	-1.4%	5.3%	30.5%	-28.7%	3.8%	4.6%	-4.4%	0.2%	2.8%
SNN		5.4%	-5.1%	-0.9%	4.0%	14.3%	-21.5%	6.9%	-0.5%	-1.4%	0.7%	3.2%
Average		9.5%	-9.1%	-1.6%	5.3%	23.9%	-26.2%	3.8%	2.3%	-2.6%	0.3%	1.6%
Y/Y Growth												
US Hips	1Q21A		3Q21A	4Q21A	1Q22A		3Q22A	4Q22A	1Q23A	_	3Q23A	4Q23E
ZBH	3.0%	46.6%	-11.3%	-4.4%	2.0%	2.6%	5.3%	7.4%	11.3%	3.2%	4.5%	4.3%
2 yr avg	-2.2%	8.5%	-0.6%	-1.5%	2.5%	24.6%	-3.0%	1.5%	6.7%	2.9%	4.9%	5.8%
JNJ	0.5%	70.1%	-5.3%	4.4%	7.3%	3.4%	9.1%	8.9%	7.7%	4.1%	4.9%	6.3%
2 yr avg	-1.2%	16.6%	1.7%	-0.2%	3.9%	36.8%	1.9%	6.7%	7.5%	3.8%	7.0%	7.6%
SYK	-5.8%	57.0%	-10.6%	1.6%	8.5%	4.5%	12.4%	11.3%	15.2%	8.8%	4.5%	12.9%
2 yr avg	-6.5%	10.6%	-2.7%	-4.8%	1.4%	30.8%	0.9%	6.5%	11.9%	6.7%	8.5%	12.1%
SNN	8.5%	60.3%	-5.0%	2.2%	1.7%	-1.5%	3.6%	5.5%	8.5%	4.3%	3.6%	
2 yr avg	2.1%	15.7%	2.4%	2.3%	5.1%	29.4%	-0.7%	3.9%	5.1%	1.4%	3.6%	
2-Yr Stacke	d Seque											
			3Q21A		1Q22A		3Q22A		1Q23A	_	3Q23A	
ZBH		10.7%	-9.1%	-0.9%	4.0%	22.1%	-27.6%	4.5%	5.2%	-3.8%	2.0%	0.9%
JNJ		17.8%	-14.9%	-1.9%	4.1%	32.9%	-34.9%	4.8%	0.8%	-3.8%	3.3%	0.6%
SYK		17.1%	-13.2%	-2.1%	6.1%	29.4%	-29.9%	5.6%	5.4%	-5.2%	1.8%	3.7%
SNN		13.7%	-13.3%	-0.1%	2.8%	24.3%	-30.1%	4.6%	1.3%	-3.7%	2.2%	
Average		14.8%	-12.6%	-1.2%	4.2%	27.2%	-30.6%	4.8%	3.2%	-4.1%	2.3%	1.7%

**Source:** Company filings, Bloomberg. \*Note: JNJ and SYK actuals for Q4'23.

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# Price objective basis & risk

#### Stryker (SYK)

Our \$350 PO is based on 30x our 2024 EPS which is a premium to medtech but in line with where higher-quality, higher-growth names trade today on 2024 EPS.

Downside risks to our PO are a slowdown in hospital capital spending, supply chain disruption, or more inflation pressure on costs and materials. Upside risks to our PO are new product launches and continued share gains driving upside to revenue growth. Moderating inflation/improving supply chains could also drive upside.

# **Analyst Certification**

I, Travis Steed, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

#### **US - Medical Technology & Devices Coverage Cluster**

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Abbott Laboratories	ABT	ABT US	Travis Steed
	Axonics	AXNX	AXNX US	Travis Steed
	Bausch & Lomb	BLCO	BLCO US	Craig Bijou
	Becton Dickinson	BDX	BDX US	Travis Steed
	Boston Scientific	BSX	BSX US	Travis Steed
	Dexcom	DXCM	DXCM US	Travis Steed
	Inari Medical	NARI	NARI US	Travis Steed
	Inspire Medical	INSP	INSP US	Travis Steed
	Insulet	PODD	PODD US	Travis Steed
	Intuitive Surgical	ISRG	ISRG US	Travis Steed
	Medtronic	MDT	MDT US	Travis Steed
	Paragon 28	FNA	FNA US	Craig Bijou
	Procept BioRobotics Corporation	PRCT	PRCT US	Craig Bijou
	RxSight	RXST	RXST US	Craig Bijou
	Shockwave Medical	SWAV	SWAV US	Travis Steed
	Si-Bone	SIBN	SIBN US	Craig Bijou
	Stryker	SYK	SYK US	Travis Steed
	The Cooper Companies	COO	COO US	Craig Bijou
NEUTRAL				
	Baxter International Inc	BAX	BAX US	Travis Steed
	Conmed	CNMD	CNMD US	Travis Steed
	Edwards Lifesciences	EW	EW US	Travis Steed
	GE HealthCare	GEHC	GEHC US	Craig Bijou
	Integer Holdings Corporation	ITGR	ITGR US	Craig Bijou
	Teleflex Incorporated	TFX	TFX US	Craig Bijou
	Zimmer Biomet	ZBH	ZBH US	Travis Steed
UNDERPERFORM				
	Embecta	EMBC	EMBC US	Travis Steed
	Globus Medical	GMED	GMED US	Craig Bijou
	Integra Lifesciences	IART	IART US	Craig Bijou
	Nevro	NVRO	NVRO US	Travis Steed
	Outset Medical	OM	OM US	Travis Steed
	Silk Road Medical	SILK	SILK US	Travis Steed
	Tandem Diabetes Care	TNDM	TNDM US	Travis Steed



# **IQ**method<sup>™</sup> Measures Definitions

<b>Business Performance</b>	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 - Tax Rate) + Goodwill Amortization	Total Assets - Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

\*\*Menethod 3\*\*\*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

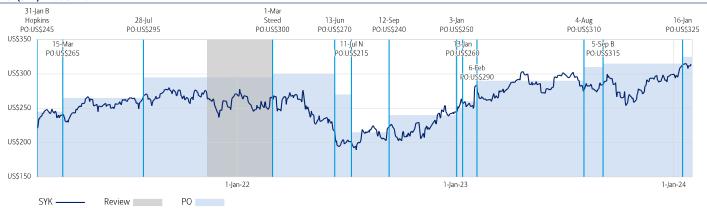
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# **Disclosures**

# **Important Disclosures**

#### Stryker (SYK) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Health Care Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	234	60.94%	Buy	115	49.15%
Hold	80	20.83%	Hold	36	45.00%
Sell	70	18.23%	Sell	29	41.43%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of both a stock's absolute total return potential as well as its attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). Our investment ratings are: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. An investment rating of 6 (No Rating) indicates that a stock is no longer trading on the basis of fundamentals. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Indernerform	N/A	> 20%

R2Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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