

26 May 2024

India | Equity Research | Q4FY24 results review

Fortis Healthcare

Pharma

Hospital margins ascending

Fortis Healthcare's (Fortis) hospital division margin of 22.4% in Q4FY24 was the best under the new management. It has recently divested two underperforming hospitals in Chennai to curtail cost. Focus on adding brownfield beds (2,200 beds in next 4 years) is likely to improve scale without denting profitability. Occupancy in FY24 rose 200bps YoY to 67% and is likely to touch 70% on the existing beds in Q1FY25E. Rebranding of diagnostics arm to Agilus has taken a toll on diagnostic revenue growth and margins. The branding cost of INR 310mn may reoccur in FY25E, a 5-7% price increase in B2C business (53% of sales) in Feb'24 can help it safeguard profitability. We resume coverage on the company with **ADD** rating and target price of INR 500, valuing hospitals/diagnostics at 21x/23x FY26E EV/EBITDA.

Q4FY24 traction driven by hospital division

Revenue rose 8.7% YoY (+6.3% QoQ) to INR 17.9bn driven by rise in elective surgeries and a 10% improvement in ARPOB. Gross margin rose 10bps YoY (30bps QoQ) to 76.8%. EBITDA margin rose 480bps YoY (440bps QoQ) to 21.3% driven by better margins in hospitals. Adjusted PAT rose 44.6% YoY (36.7% QoQ) to INR 1.8bn.

Rise in ARPOB, better case mix scale up hospital margins in Q4

Hospital revenue grew 7.2% QoQ (+10.3% YoY) at INR 14.9bn driven by better traction in Mohali, BG Road and Shalimar Baug hospitals. Occupancy stood to 67% vs 64%/67% QoQ/ YoY. ARPOB rose 3.8% QoQ to INR 63,442. ALOS stood at 4.41 days vs 4.32/3.83 QoQ/YoY. Revenue from international patients' grew 9.9% YoY (9.8% QoQ) to INR 1.24bn. Hospital EBITDA margin stood at 22.4%, up 430bps QoQ and 600bps YoY due to APROB and case mix improvement. It will add 2,200 beds in existing clusters in 4 years by incurring capex of INR 12-13bn and may also acquire hospitals in existing clusters.

Rebranding cost impacts Agilus' performance

Diagnostics revenue rose 1.5% YoY (+2% QoQ) to INR 3bn. Number of tests was flat YoY (+1.8% QoQ) to 9.95mn. Patient count declined by 3.7% YoY at 4.1mn. Average revenue per test was up 3% YoY at INR 344. Margin contracted 70bps YoY (+480bps QoQ) to 16.2%. Parent entity Fortis may raise capital (equity or debt) to honour put option liability and give an exit to PE investors in Agilus by Oct'24.

Abdulkader Puranwala
 abdulkader.puranwala@icicisecurities.com
 +91 22 6807 7339

Market Data

| | |
|---------------------|----------|
| Market Cap (INR) | 349bn |
| Market Cap (USD) | 4,197mn |
| Bloomberg Code | FORH IN |
| Reuters Code | FOHE.BO |
| 52-week Range (INR) | 480 /271 |
| Free Float (%) | 69.0 |
| ADTV-3M (mn) (USD) | 7.5 |

| Price Performance (%) | 3m | 6m | 12m |
|-----------------------|-----|------|------|
| Absolute | 5.3 | 26.1 | 60.6 |
| Relative to Sensex | 2.2 | 11.7 | 38.6 |

Financial Summary

| Y/E March (INR mn) | FY23A | FY24A | FY25E | FY26E |
|--------------------|--------|--------|--------|--------|
| Net Revenue | 62,976 | 68,929 | 78,358 | 88,962 |
| EBITDA | 11,013 | 12,676 | 15,223 | 18,118 |
| EBITDA Margin (%) | 17.5 | 18.4 | 19.4 | 20.4 |
| Net Profit | 5,315 | 5,868 | 7,273 | 9,332 |
| EPS (INR) | 7.0 | 7.8 | 9.6 | 12.4 |
| EPS % Chg YoY | 75.3 | 10.4 | 23.9 | 28.3 |
| P/E (x) | 59.2 | 58.2 | 48.0 | 37.4 |
| EV/EBITDA (x) | 32.2 | 28.0 | 22.7 | 18.5 |
| RoCE (%) | 5.8 | 6.4 | 7.9 | 9.1 |
| RoE (%) | 7.9 | 7.9 | 9.1 | 10.5 |

Valuation and risks

Hospital division margin in Q4FY24 was marginally (100bps) driven by seasonality while bulk of the improvement was aided by divestment of two hospitals in Chennai, price increases, cost optimisation and better case mix. The company plans to add significant bed capacity in each of the existing hospitals. In FY25, it will operationalise 300 beds of which 50 beds will be in Faridabad, 50 in Shalimar Bagh, 100 beds in new Manesar facility, 100 beds in Kolkata and a few OT beds in Bengaluru. Beyond FY25, it will focus on brownfield expansion, aiming to add another 1,500 beds by FY28. These new beds are unlikely to create a sizeable dent in margins. Management expects hospital margin to be between 20-21% in FY25 and ~25% in the next 2-3 years. Efforts to boost growth in diagnostic division are underway with the company taking a price hike on B2C portfolio, coupled with a revival in industry volumes, we remain hopeful of a better show in FY25E.

We expect EBITDA to register a CAGR of 19.6% over FY24-26E driven by revenue CAGR of 13.6%. EBITDA margin is likely to rise to 19-20% over the next couple of years backed by improvement in ARPOB, surge in occupancy, divestment of loss-making hospitals and healthy growth in Agilus diagnostics.

The stock currently trades at EV/EBITDA of 22.7x FY25E and 18.5x FY26E. We remain optimistic on the outlook considering strong growth in hospitals with increasing occupancy (targeting 70% levels) and ARPOB, imminent recovery of non-covid volumes, and cost-control initiatives employed by the current management. We resume coverage on Fortis with **ADD** rating and target price of INR 500/share based on FY26E SoTP-based valuation, valuing the hospital/diagnostic business at 21x/23x FY26E EV/EBITDA.

Exhibit 1: Sum of the parts (SoTP) valuation

| | FY26E EBITDA | (x) | Values (Rs mn) |
|------------------------|--------------|-----|-----------------|
| Hospitals | 15,720 | 21 | 3,32,480 |
| Agilus (56.9% stake) | 2,398 | 23 | 31,380 |
| EV | | | 3,63,860 |
| Less: Net debt | | | (13,944) |
| Implied Mkt Cap | | | 3,77,804 |
| Value per share | | | 500 |

Source: Company data, I-Sec research

Q4FY24 concall highlights

Hospitals

- Top 6 specialties (62% of hospital revenue) viz. oncology, gastroenterology, neurosciences, renal sciences, orthopaedics and cardiac sciences grew 13.8% YoY in Q4FY24 and 13% in FY24.
- ARPOB increased 10.3% YoY in Q4FY24 to INR 23.2mn. Growth was led by improvement in surgical revenue and case mix.
- Occupancy in Q4FY24 stood at 67%, flat QoQ vs 64% in Q3FY24.
- Revenue from international patients grew 12.2% YoY to INR 4.8bn in FY24.
- In FY24, it added 246 beds across key facilities such as in Anandpur (Kolkata), Mohali (Punjab), BG Road (Bengaluru) and Mulund (Mumbai). It also commissioned a new 70-bed facility in Ludhiana (Punjab).
- In FY24, the company exited Chennai market by divesting its underperforming facilities at Arcot Road and Malar.

- Volumes in key procedures such as transplants grew 11%, and 50% and 8% YoY for robotic surgeries and radiation therapy.
- In FY24, revenues from key facilities such as Mohali, Noida, Shalimar Bagh, Anandpur and Amritsar grew 19%, 16%, 16%, 15% and 21%, respectively.
- It will operationalise 100 beds (450 bed capacity) at the acquired Manesar facility in Q2FY25.
- Next hearing for the pending litigation with Daiichi is scheduled on Jun 15, '24 in the Delhi High court.
- Divestment of two hospitals in Chennai aided 26bps benefit in margin in FY24, further 100bps came from manpower and procurement cost optimisation and the rest from better case and payor mix.

Diagnostics

- Management expects diagnostic industry to grow 8-9% for the next couple of years.
- In B2C business, it took 5-7% price increase in Feb'24.
- Adjusting for the one-off pertaining to rebranding expenses (INR 310mn) and the provisioning related to certain government business (INR 270mn), operating EBITDA margin improved 100bps to 15.9% in Q4FY24 and 180bps in FY24 at 19.5%.
- Agilus added 200+ customer touchpoints to its network in Q4FY24.
- B2C:B2B revenue mix stood at 53:47 in Q4FY24.
- In Q4FY24, Agilus conducted ~9.6mn tests vs 9.8mn last year. The decline in the tests was primarily because of lower covid volumes.
- Covid accounted for 0.3% revenue in FY24 as against 4.45% last year.
- Non-covid revenue grew 5% YoY in Q4FY24 and 6% in FY24.
- Revenue from preventive care test grew 14% and genomics grew 27% in FY24.

Q4 financials

- Net debt at the end of FY24 stood at INR 2.64bn, net debt to EBITDA stood at 0.17x.
- Due to seasonality, Q4 hospital business was higher by 100bps, balance improvement in hospital margin was aided by better case and payor mix.

Guidance

- Management expects an upward revision in CGHS (4% of hospital revenue) rate in the near term.
- Revenue contribution from government schemes had increased to 20% (of which 4% is CGHS), in FY24 and will be optimised in FY25.
- ARPOB in FY25 is likely to improve by 5-6%, aided by 3% from price increase and 2-3% from case and payor mix.
- Hospital business revenue will grow between 13-16% in FY25.
- Mulund and BG Road have seen good pick up in occupancy in Q1.
- Currently, blended occupancy stands at 70%.
- It plans to add ~2,200 beds by FY28 and will incur capex of INR 12-13bn.

- In FY25, it will operationalise 300 beds of which 50 beds will be in Faridabad, 50 in Shalimar Bagh, 100 beds in new Manesar facility, 100 beds in Kolkata and a few OT beds in Bengaluru.
- Hospital margin is likely to increase 200bps to 20-21% in FY25. Guidance factors negative margin for new Manesar facility. In next 2-3 years, management aspires to achieve ~25% margin.
- Management may pursue inorganic opportunities in existing five clusters of hospital business.
- Management is working with private equity for revival of Agilus IPO and other options pertaining to put option liability (to be exercised by Oct'24). The company may have to honour the liability and will fund it by raising equity or debt in the parent entity. Further clarity to emerge by Aug'24.
- Agilus will continue to incur branding expense of INR 310mn in FY25.

Exhibit 2: Quarterly review

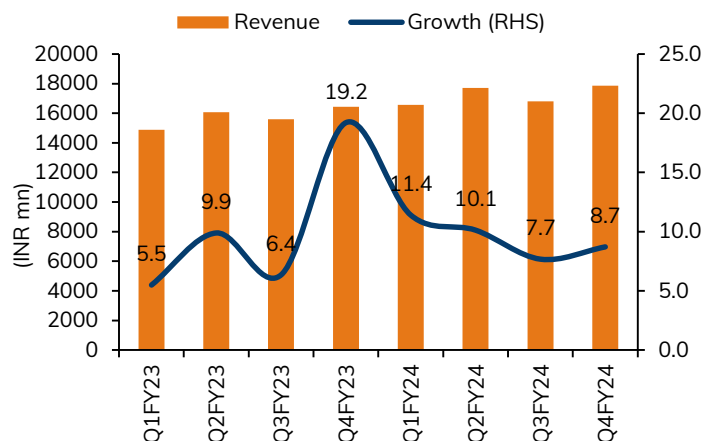
| Particulars (INR mn) | Q4FY24 | Q4FY23 | YoY % Chg | Q3FY24 | QoQ % Chg | FY24 | FY23 | YoY % Chg |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Net Sales | 17,859 | 16,427 | 8.7 | 16,797 | 6.3 | 68,929 | 62,976 | 9.5 |
| Gross profit | 13,722 | 12,603 | 8.9 | 12,859 | 6.7 | 52,742 | 48,429 | 8.9 |
| Gross margins (%) | 76.8 | 76.7 | 10bps | 76.6 | 30bps | 76.5 | 76.9 | -40bps |
| EBITDA | 3,810 | 2,709 | 40.7 | 2,840 | 34.2 | 12,676 | 11,013 | 15.1 |
| EBITDA margins (%) | 21.3 | 16.5 | 480bps | 16.9 | 440bps | 18.4 | 17.5 | 90bps |
| Other income | 141 | 155 | (8.9) | 113 | 24.5 | 478 | 836 | (42.8) |
| PBITD | 3,952 | 2,864 | 38.0 | 2,953 | 33.8 | 13,154 | 11,849 | 11.0 |
| Depreciation | 922 | 818 | 12.8 | 869 | 6.1 | 3,425 | 3,157 | 8.5 |
| Interest | 347 | 317 | 9.4 | 330 | 5.2 | 1,310 | 1,291 | 1.4 |
| Extra ordinary income/ (exp.) | 31 | 105 | | 77 | | 160 | 736 | |
| PBT | 2,714 | 1,834 | 48.0 | 1,832 | 48.2 | 8,580 | 8,137 | 5.4 |
| Tax | 682 | 451 | 51.3 | 489 | 39.5 | 2,128 | 1,807 | 17.7 |
| Minority Interest | 244 | 58 | 324.5 | (4) | (5,647.7) | 463 | 443 | 4.7 |
| Reported PAT | 1,787 | 1,326 | 34.8 | 1,347 | 32.7 | 5,989 | 5,887 | 1.7 |
| Adjusted PAT | 1,764 | 1,220 | 44.6 | 1,290 | 36.7 | 5,868 | 5,315 | 10.4 |

Source: Company data, I-Sec research

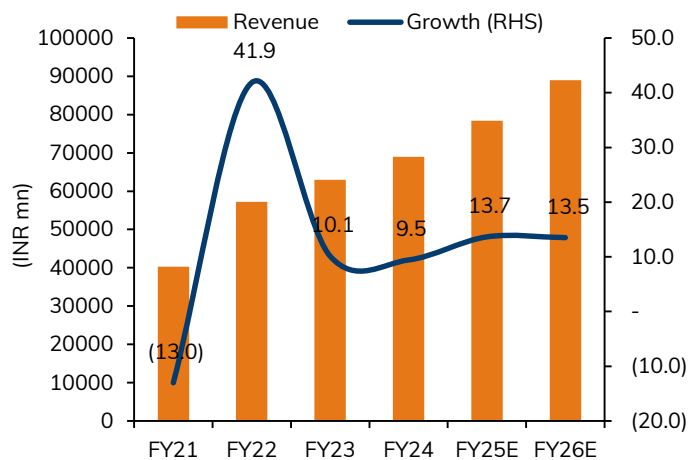
Exhibit 3: Business mix

| | Q4FY24 | Q4FY23 | YoY % Chg | Q3FY24 | QoQ % Chg | FY24 | FY23 | YoY % Chg |
|-------------------|---------------|---------------|------------|---------------|------------|---------------|---------------|------------|
| Hospitals | 14,898 | 13,510 | 10.3 | 13,894 | 7.2 | 56,859 | 51,076 | 11.3 |
| EBITDA margins(%) | 22.4 | 16.4 | 600bps | 18.1 | 430bps | 18.6 | 17.1 | 150bps |
| Agilus | 2,961 | 2,917 | 1.5 | 2,903 | 2.0 | 12,070 | 11,899 | 1.4 |
| EBITDA margins(%) | 16.2 | 17.0 | -70bps | 11.4 | 480bps | 17.4 | 21.1 | -370bps |
| Total | 17,859 | 16,427 | 8.7 | 16,797 | 6.3 | 68,929 | 62,976 | 9.5 |

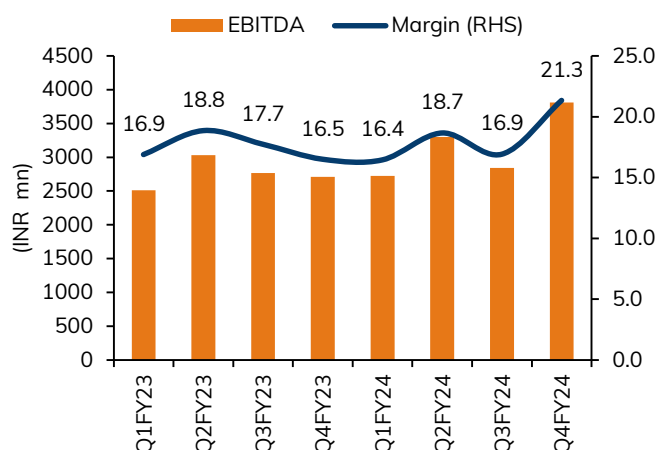
Source: Company data, I-Sec research

Exhibit 4: Traction across key hospitals is driving growth

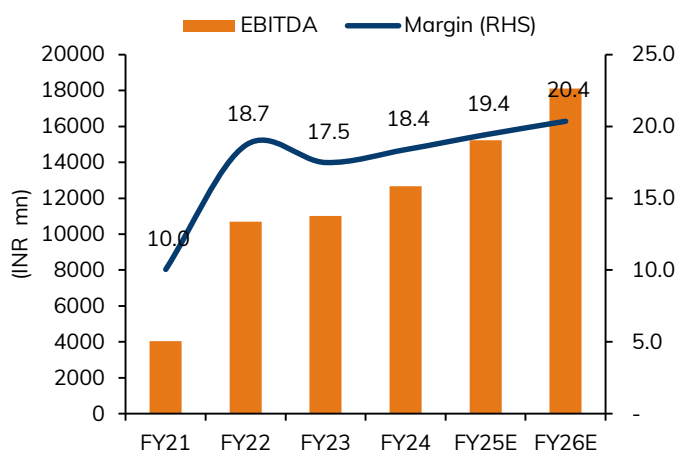
Source: I-Sec research, Company data

Exhibit 5: Hospital revenue to deliver healthy growth with improved occupancies and capacity

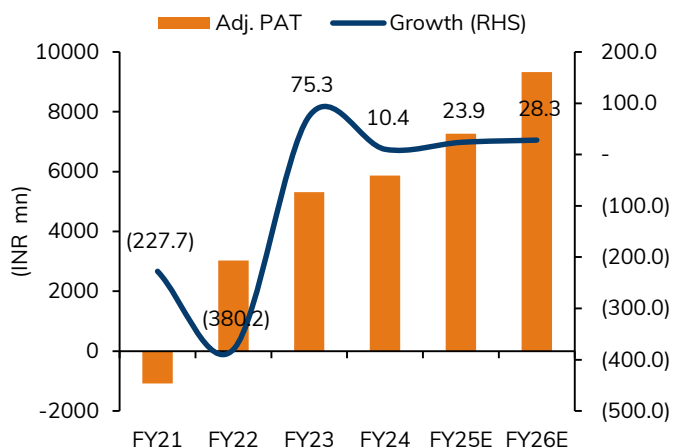
Source: I-Sec research, Company data

Exhibit 6: Hospital business is driving overall improvement in margins

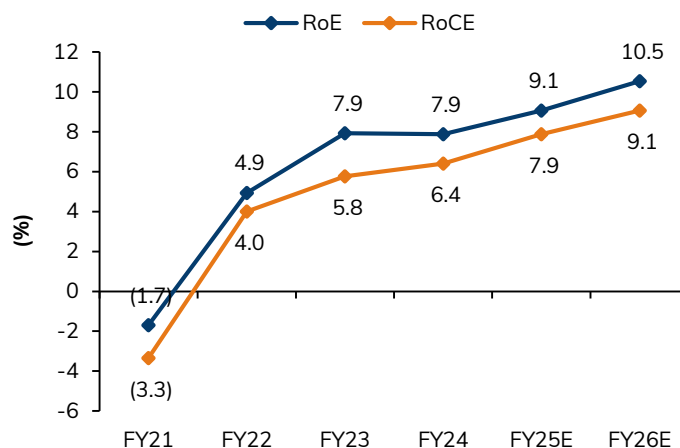
Source: I-Sec research, Company data

Exhibit 7: Expect 198bps improvement in margins over FY24-26E

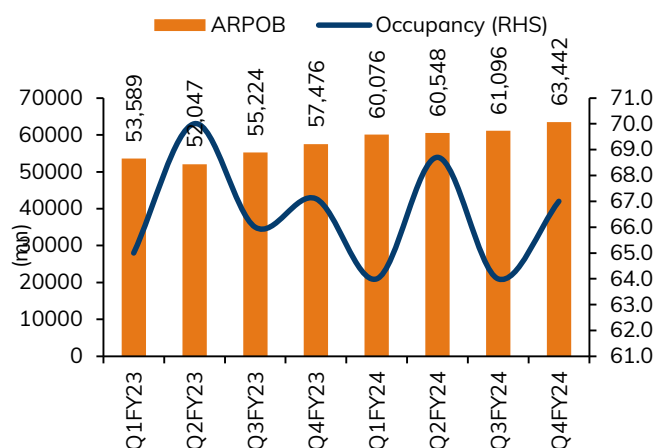
Source: I-Sec research, Company data

Exhibit 8: Sustained improvement in profitability

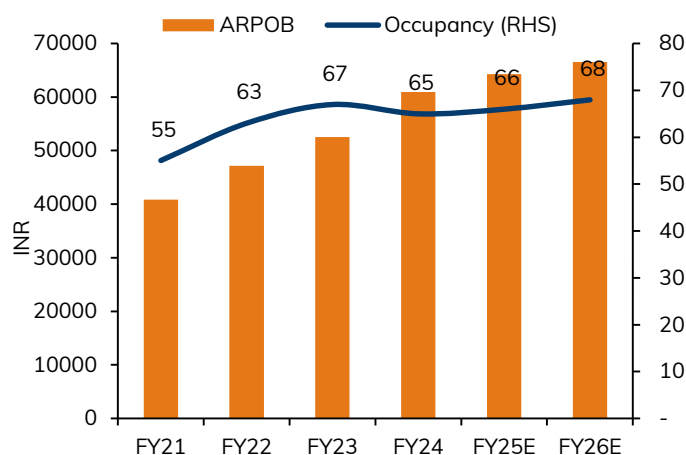
Source: I-Sec research, Company data

Exhibit 9: Return ratios may improve from current of 6-8% levels

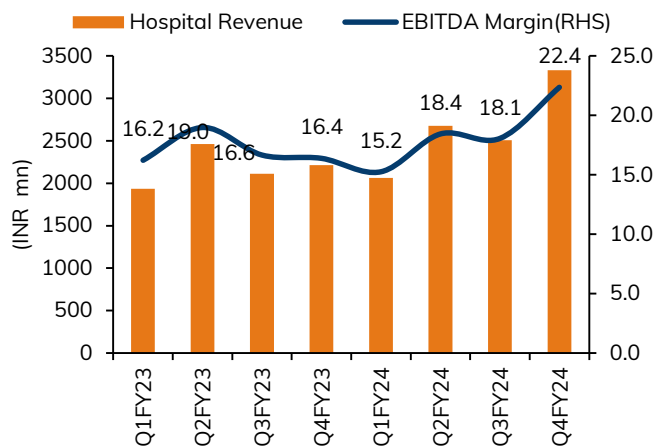
Source: I-Sec research, Company data

Exhibit 10: ARPOB rose ~10% YoY

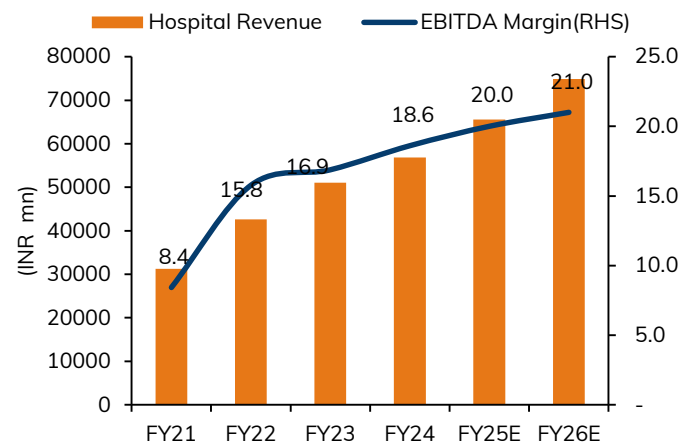
Source: I-Sec research, Company data

Exhibit 11: ARPOB to increase ~5-6% every year

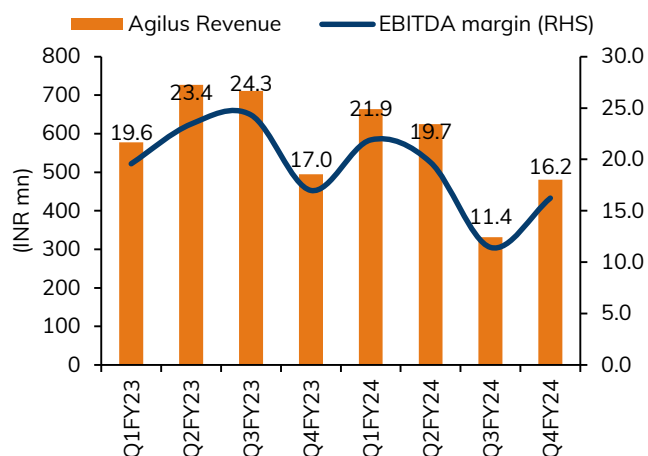
Source: I-Sec research, Company data

Exhibit 12: Better ARPOB and case mix are driving growth and margins

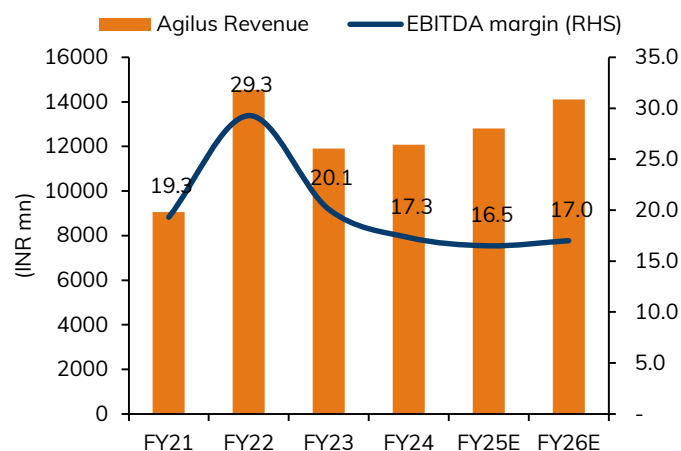
Source: I-Sec research, Company data

Exhibit 13: Hospital business is at an inflection

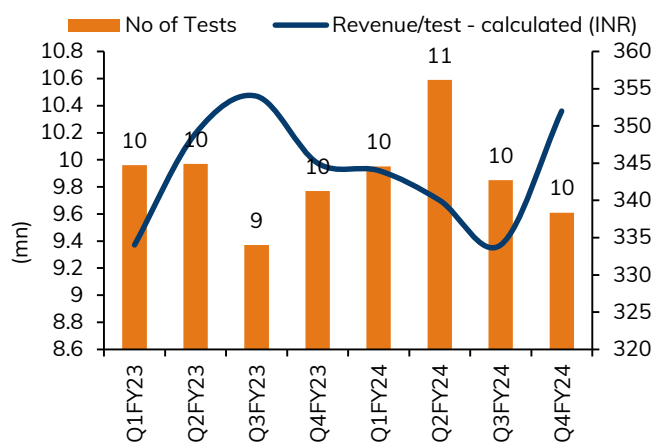
Source: I-Sec research, Company data

Exhibit 14: Rebranding cost has dented margins

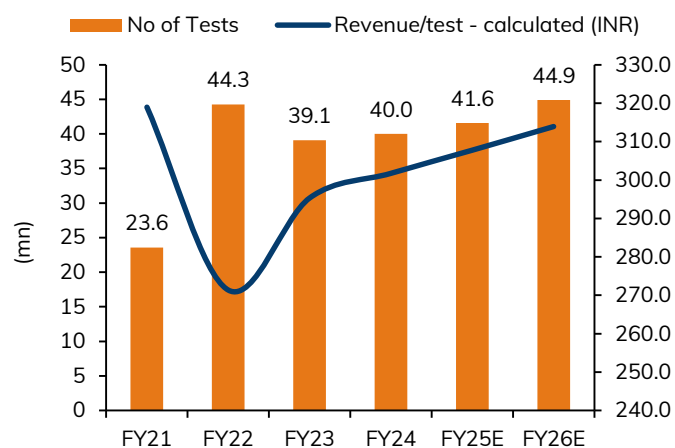
Source: I-Sec research, Company data

Exhibit 15: Price hikes to revive diagnostic margins

Source: I-Sec research, Company data

Exhibit 16: Number of tests was flat YoY

Source: I-Sec research, Company data

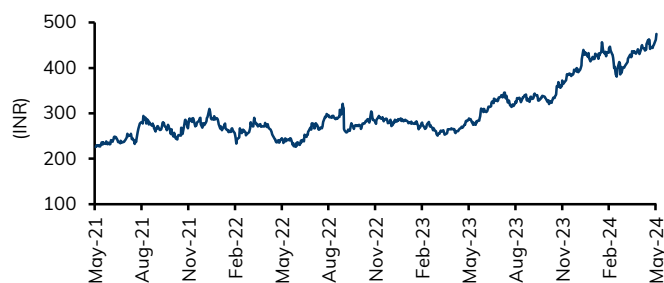
Exhibit 17: Efforts to improve test volumes underway

Source: I-Sec research, Company data

Exhibit 18: Shareholding pattern

| % | Sep'23 | Dec'23 | Mar'24 |
|-------------------------|--------|--------|--------|
| Promoters | 31.2 | 31.2 | 31.2 |
| Institutional investors | 52.9 | 53.1 | 54.4 |
| MFs and others | 22.5 | 25.0 | 26.5 |
| FIs/Banks | 1.2 | 1.2 | 1.2 |
| Insurance | 2.8 | 3.1 | 3.3 |
| FIIIs | 26.4 | 23.8 | 23.4 |
| Others | 15.9 | 15.7 | 14.4 |

Source: Bloomberg

Exhibit 19: Price chart

Source: Bloomberg

Financial Summary

Exhibit 20: Profit & Loss

(INR mn, year ending March)

| | FY23A | FY24A | FY25E | FY26E |
|--|---------------|---------------|---------------|---------------|
| Net Sales | 62,976 | 68,929 | 78,358 | 88,962 |
| Operating Expenses | 51,963 | 56,253 | 63,135 | 70,844 |
| EBITDA | 11,013 | 12,676 | 15,223 | 18,118 |
| EBITDA Margin (%) | 17.5 | 18.4 | 19.4 | 20.4 |
| Depreciation & Amortization | 3,157 | 3,425 | 3,998 | 4,198 |
| EBIT | 7,856 | 9,251 | 11,226 | 13,920 |
| Interest expenditure | 1,291 | 1,310 | 1,454 | 1,454 |
| Other Non-operating Income | 736 | 160 | - | - |
| Recurring PBT | 8,137 | 8,580 | 10,288 | 13,025 |
| Profit / (Loss) from Associates | - | - | - | - |
| Less: Taxes | 1,807 | 2,128 | 2,551 | 3,230 |
| PAT | 6,330 | 6,452 | 7,737 | 9,795 |
| Less: Minority Interest | (443) | (463) | (463) | (463) |
| Extraordinaries (Net) | - | - | - | - |
| Net Income (Reported) | 5,887 | 5,989 | 7,273 | 9,332 |
| Net Income (Adjusted) | 5,315 | 5,868 | 7,273 | 9,332 |

Source Company data, I-Sec research

Exhibit 21: Balance sheet

(INR mn, year ending March)

| | FY23A | FY24A | FY25E | FY26E |
|--|-----------------|-----------------|-----------------|-----------------|
| Total Current Assets | 14,064 | 14,206 | 24,676 | 36,104 |
| of which cash & cash eqv. | 3,627 | 5,984 | 15,330 | 25,494 |
| Total Current Liabilities & Provisions | 12,550 | 30,010 | 31,208 | 32,644 |
| Net Current Assets | 1,513 | (15,804) | (6,532) | 3,461 |
| Investments | 2,103 | 2,297 | 759 | 759 |
| Net Fixed Assets | 37,918 | 40,968 | 40,970 | 40,773 |
| ROU Assets | 10,577 | 11,708 | 11,708 | 11,708 |
| Capital Work-in-Progress | 2,278 | 5,420 | 5,420 | 5,420 |
| Total Intangible Assets | 45,768 | 46,061 | 46,061 | 46,061 |
| Other assets | 8,175 | 9,039 | 9,039 | 9,039 |
| Deferred Tax Assets | 3,443 | 3,174 | 3,174 | 3,174 |
| Total Assets | 1,11,786 | 1,02,878 | 1,10,615 | 1,20,410 |
| Liabilities | | | | |
| Borrowings | 7,032 | 8,583 | 8,583 | 8,583 |
| Deferred Tax Liability | 4,107 | 4,293 | 4,293 | 4,293 |
| provisions | 1,302 | 1,466 | 1,466 | 1,466 |
| other Liabilities | 16,115 | 8 | 8 | 8 |
| Equity Share Capital | 7,550 | 7,550 | 7,550 | 7,550 |
| Reserves & Surplus | 64,873 | 69,079 | 76,353 | 85,685 |
| Total Net Worth | 72,423 | 76,629 | 83,902 | 93,234 |
| Minority Interest | 8,581 | 8,932 | 9,396 | 9,859 |
| Total Liabilities | 1,11,786 | 1,02,878 | 1,10,615 | 1,20,410 |

Source Company data, I-Sec research

Exhibit 22: Cashflow statement

(INR mn, year ending March)

| | FY23A | FY24A | FY25E | FY26E |
|--|--------------|----------------|---------------|---------------|
| Operating Cashflow | 8,222 | 11,001 | 13,262 | 15,618 |
| Working Capital Changes | (211) | (221) | (155) | (86) |
| Capital Commitments | 3 | 15 | 20 | 19 |
| Free Cashflow | 8,225 | 11,016 | 13,282 | 15,637 |
| Other investing cashflow | 776 | (2,227) | 1,537 | - |
| Cashflow from Investing Activities | 6 | 30 | 40 | 38 |
| Issue of Share Capital | - | - | - | - |
| Interest Cost | - | - | - | - |
| Inc (Dec) in Borrowings | (3,256) | 1,296 | - | - |
| Dividend paid | (1,598) | (860) | - | - |
| Others | (132) | (1,300) | (1,454) | (1,454) |
| Cash flow from Financing Activities | (4,985) | (865) | (1,454) | (1,454) |
| Chg. in Cash & Bank balance | 3,243 | 10,166 | 11,849 | 14,202 |
| Closing cash & balance | 7,370 | 13,794 | 17,833 | 29,532 |

Source Company data, I-Sec research

Exhibit 23: Key ratios

(Year ending March)

| | FY23A | FY24A | FY25E | FY26E |
|-----------------------------|-------|-------|-------|-------|
| Per Share Data (INR) | | | | |
| Reported EPS | 7.8 | 7.9 | 9.6 | 12.4 |
| Adjusted EPS (Diluted) | 7.0 | 7.8 | 9.6 | 12.4 |
| Cash EPS | 11.2 | 12.3 | 14.9 | 17.9 |
| Dividend per share (DPS) | 2.1 | 1.1 | - | - |
| Book Value per share (BV) | 95.9 | 101.5 | 111.1 | 123.5 |
| Dividend Payout (%) | 27.1 | 14.4 | - | - |
| Growth (%) | | | | |
| Net Sales | 10.1 | 9.5 | 13.7 | 13.5 |
| EBITDA | 3.0 | 15.1 | 20.1 | 19.0 |
| EPS (INR) | 75.3 | 10.4 | 23.9 | 28.3 |
| Valuation Ratios (x) | | | | |
| P/E | 59.2 | 58.2 | 48.0 | 37.4 |
| P/CEPS | 41.2 | 37.5 | 30.9 | 25.8 |
| P/BV | 4.8 | 4.6 | 4.2 | 3.7 |
| EV / EBITDA | 32.2 | 28.0 | 22.7 | 18.5 |
| P / Sales | 5.5 | 5.1 | 4.5 | 3.9 |
| Dividend Yield (%) | 0.0 | 0.0 | - | - |
| Operating Ratios | | | | |
| Gross Profit Margins (%) | 76.9 | 76.5 | 76.9 | 77.1 |
| EBITDA Margins (%) | 17.5 | 18.4 | 19.4 | 20.4 |
| Effective Tax Rate (%) | 22.2 | 24.8 | 24.8 | 24.8 |
| Net Profit Margins (%) | 8.4 | 8.5 | 9.3 | 10.5 |
| NWC / Total Assets (%) | - | - | - | - |
| Net Debt / Equity (x) | 0.0 | 0.0 | (0.1) | (0.2) |
| Net Debt / EBITDA (x) | 0.1 | 0.0 | (0.5) | (1.0) |
| Profitability Ratios | | | | |
| RoCE (%) | 5.8 | 6.4 | 7.9 | 9.1 |
| RoE (%) | 7.9 | 7.9 | 9.1 | 10.5 |
| RoC (%) | 5.7 | 6.4 | 8.2 | 10.4 |
| Fixed Asset Turnover (x) | 1.7 | 1.7 | 1.9 | 2.2 |
| Inventory Turnover Days | 7 | 6 | 6 | 6 |
| Receivables Days | 35 | 35 | 35 | 35 |
| Payables Days | 43 | 40 | 40 | 40 |

Source Company data, I-Sec research

This report may be distributed in Singapore by ICICI Securities, Inc. (Singapore branch). Any recipients of this report in Singapore should contact ICICI Securities, Inc. (Singapore branch) in respect of any matters arising from, or in connection with, this report. The contact details of ICICI Securities, Inc. (Singapore branch) are as follows: Address: 10 Collyer Quay, #40-92 Ocean Financial Tower, Singapore - 049315, Tel: +65 6232 2451 and email: navneet_babbar@icicisecuritiesinc.com, Rishi_agrawal@icicisecuritiesinc.com.

"In case of eligible investors based in Japan, charges for brokerage services on execution of transactions do not in substance constitute charge for research reports and no charges are levied for providing research reports to such investors."

New I-Sec investment ratings (all ratings based on absolute return; All ratings and target price refers to 12-month performance horizon, unless mentioned otherwise)
BUY: >15% return; ADD: 5% to 15% return; HOLD: Negative 5% to Positive 5% return; REDUCE: Negative 5% to Negative 15% return; SELL: < negative 15% return

ANALYST CERTIFICATION

I/We, Abdulkader Puranwala, MBA; authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of the ICICI Securities Inc. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, Tel: (91 22) 6807 7100. ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager, Research Analyst and Alternative Investment Fund. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI) as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities AIF Trust's SEBI Registration number is IN/AIF3/23-24/1292 ICICI Securities is a subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidiaries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions, trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icidirect.com to view the Fundamental and Technical Research Reports.

Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

ICICI Securities Limited has two independent equity research groups: Institutional Research and Retail Research. This report has been prepared by the Institutional Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the Retail Research.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances. This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice.

ICICI Securities or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as an entity are engaged in various financial service businesses, they might have financial interests or actual/ beneficial ownership of one percent or more or other material conflict of interest in various companies including the subject company/companies mentioned in this report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report.

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ICICI Securities and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.

This report has not been prepared by ICICI Securities, Inc. However, ICICI Securities, Inc. has reviewed the report and, in so far as it includes current or historical information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. None of the research recommendations promise or guarantee any assured, minimum or risk free return to the investors.

Name of the Compliance officer (Research Analyst): Mr. Atul Agrawal, Contact number: 022-40701000, **E-mail Address** : complianceofficer@icicisecurities.com

For any queries or grievances: [Mr. Prabodh Avadhoot](mailto:Mr.Prabodh.Avadhoot) Email address: headservicequality@icicidirect.com Contact Number: 18601231122
