

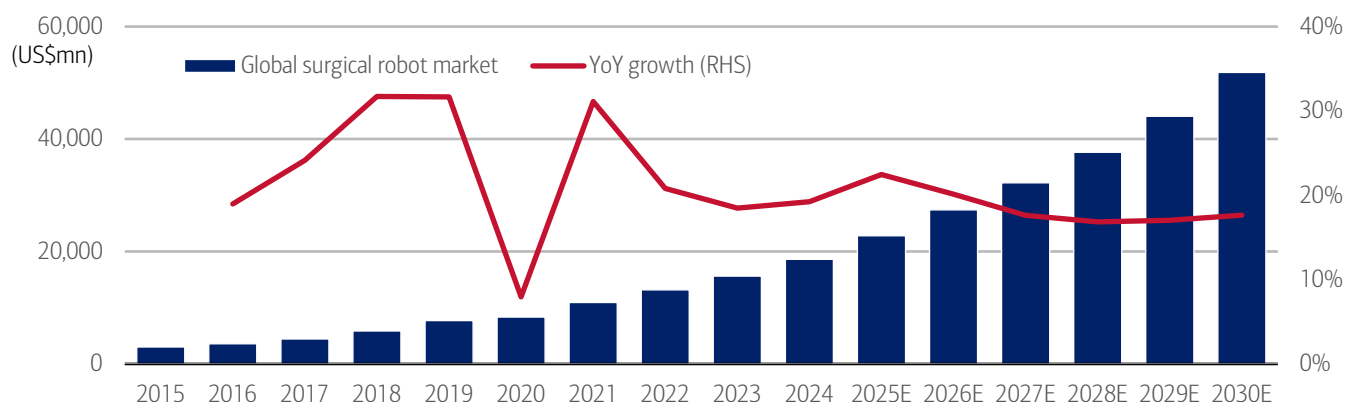
Daily Insights

From sci-fi to standard: Surgical robots scrub in

12 December 2025

BofA Global Research expects the global surgical robot market could reach US\$52 billion in 2030E

BofA global surgical robot market forecast (\$, millions (mn), y-axis on left-hand side) and year-over-year (YoY) growth (% , y-axis on right-hand side (RHS))



Source: Frost & Sullivan, Microport Medbot, BofA Global Research

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Surgical robots – once viewed as a futuristic novelty – are moving from niche to mainstream, transforming operating rooms worldwide. According to BofA Global Research, the surgical robot market is projected to reach \$25 billion in 2025 and more than double to \$52 billion by 2030.

What's behind this expansion? Analysts point to five potential drivers: 1) robotic surgery gradually becoming the standard of care; 2) rising demand for precision and shorter recovery; 3) next-generation technologies – such as remote surgery; 4) greater robot autonomy to enhance surgeons' efficiency; and 5) expansion into new disease areas to address unmet demand.

To learn more, read: [Paging Dr. Robot: The rise of surgical assistants.](#)

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