

Global Surgical Robot Market: Size, Trends & Forecasts with Impact of COVID-19 (2022-2026)

January 2022



Global Surgical Robot Market: Coverage

Executive Summary and Scope

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Global Market Analysis

Regional Market Analysis

Impact of COVID-19

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Competitive Landscape

Company Profiling

Global Surgical Robot Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Surgical Robot Market: Size, Trends & Forecasts with Impact of COVID-19 (2022-2026)
Coverage	Global/ Regional
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2022-2026
Competition in the Market	Fragmented
Key Players	Smith & Nephew, plc., Intuitive Surgical, Inc., Stryker Corp., and CMR Surgical Ltd.

Global Surgical Robot Market: Coverage

Executive Summary

Surgical robots are sophisticated precision medical devices that are developed based on the advances in minimally invasive surgery (MIS) and relevant foundation technologies. Surgical robots can handle surgery precisely and focus on small surgical areas. For instance, the robotic arms mimic the motion of human arms by offering surgeons a range of motion comparable to that of a human wrist and eliminating the inherent tremors in human hands. As compared with open surgery and traditional MIS, robot-assisted surgeries can overcome a number of limitations.

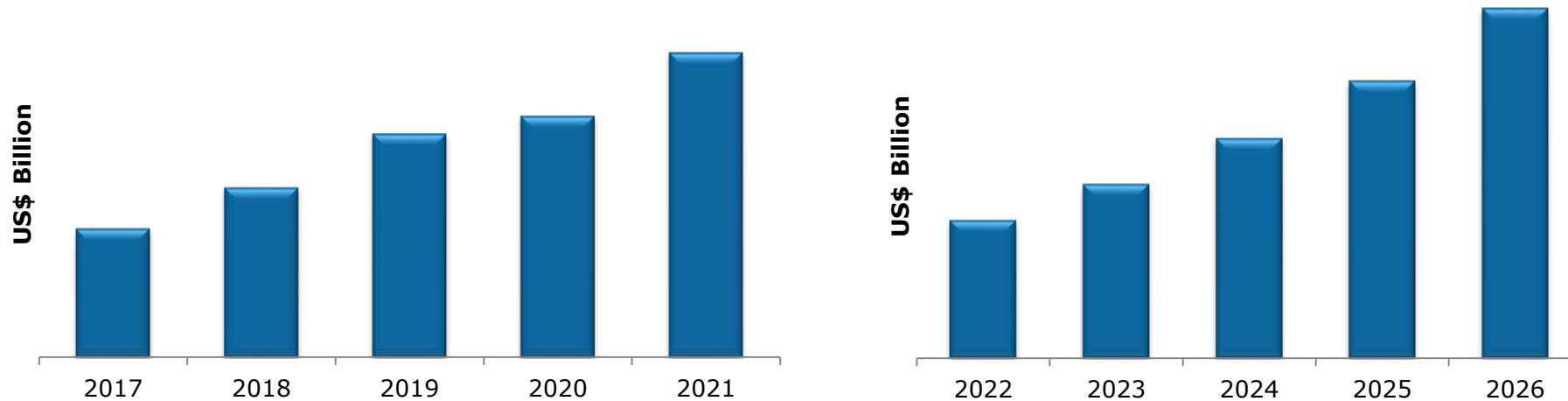
The global surgical robot market can be segmented based on surgery type (Laparoscopic Robot, Orthopedic Robot, Percutaneous Robot, Natural Orifice Robot, Panvascular Robot, and Other Surgical Robot); end-users (Hospitals and Ambulatory Surgery Centers); and component (System, Disposables, and Services). Orthopedic surgical robot is further segmented into Joint Replacement Robot and Other Orthopedic Robots.

The surgical robot market was first hampered by the drop in procedures due to the pandemic. The rise in elective procedures in the second half of 2020 has resulted in a resurgence in surgical robot revenue around the world. The advantages of robot-assisted operations would boost the global surgical robot market forward in the coming years.

The global surgical robot market has increased during the years 2017-2021. The projections are made that the market would rise in the next four years i.e. 2022-2026 tremendously. The global surgical robot market is expected to increase due to the aging population, increasing health spending, increasing incidence of cancer, favorable government policies and support, etc. Yet the market faces some challenges such as the high cost of robotic systems, rise in death toll and injuries due to robotic surgeries, etc. Moreover, the market growth would succeed by various market trends like growth of AI and other technologies, innovations in robotic surgery, increasing penetration of surgical robots in ASCs, 5G to revolutionize robotic-assisted surgery, etc.

Surgical Robot Market: Global Analysis

Global Surgical Robot Market by Value

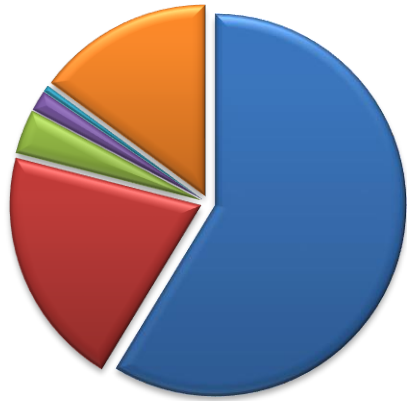


CAGRs	
2017-2021	xx%
2022-2026	xx%

Global surgical robot market, valued at US\$... billion in 2021, increased as compared to US\$... billion in 2020. Global surgical robot market is anticipated to reach up to US\$... billion by 2026, at a CAGR of%, from US\$... billion in 2022.

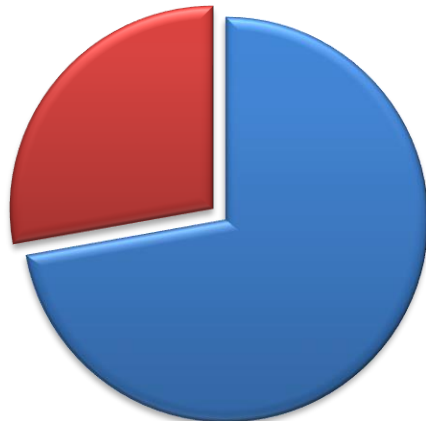
Surgical Robot Market: Global Analysis

Global Surgical Robot Market by Surgery Type; 2021



Surgery Type	Share
Laparoscopic Robots	xx%
Orthopedic Robots	xx%
Percutaneous Robots	xx%
Natural Orifice Robots	xx%
Panvascular Robots	xx%
Other Surgical Robots	xx%

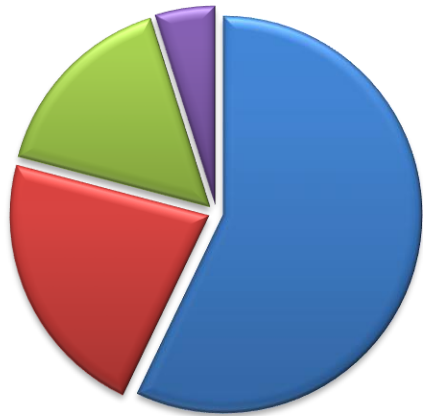
Global Surgical Robot Market by End-User; 2021



End-User	Share
Hospitals	xx%
Ambulatory Surgical Centers	xx%

Surgical Robot Market: Global Analysis

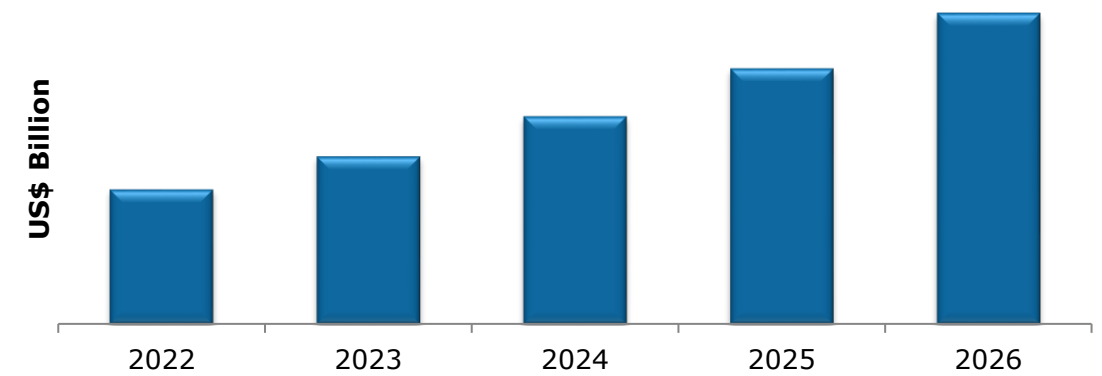
Global Surgical Robot Market by Region; 2021



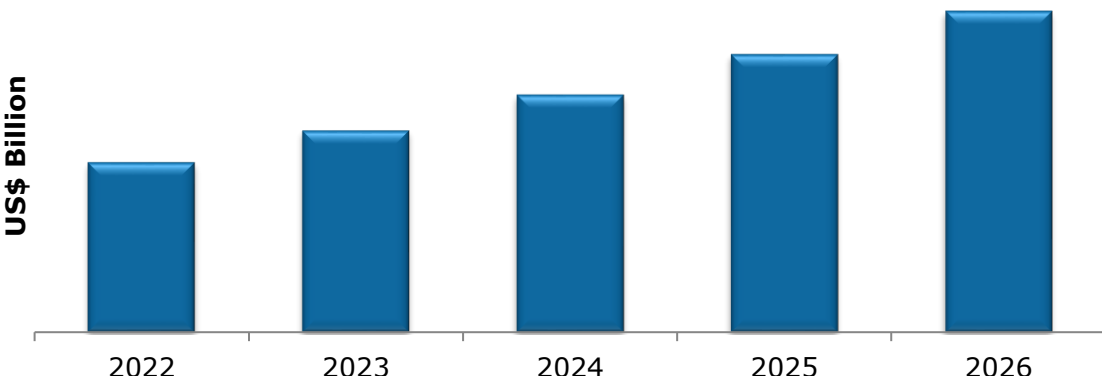
Region	Share
North America	xx%
Europe	xx%
Asia-Pacific	xx%
Rest of the World	xx%

Surgical Robot Market: Surgery Type Analysis

Global Laparoscopic Surgical Robot Market by Value



Global Orthopedic Surgical Robot Market by Value



Surgery Type	CAGR (2022-2026)
Laparoscopic Robots	xx%
Orthopedic Robots	xx%
Percutaneous Robots	xx%
Natural Orifice Robots	xx%
Panvascular Robots	xx%
Other Surgical Robots	xx%

Surgical Robot Market: Surgery Type Analysis

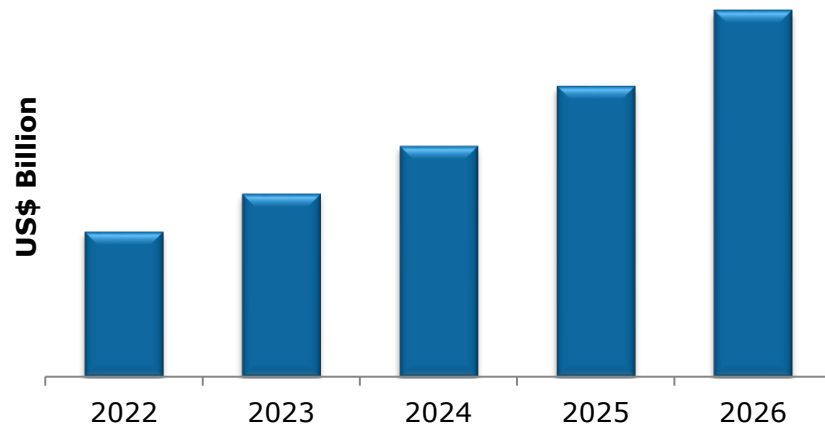
Global Orthopedic Surgical Robot Market by Surgery Type; 2021



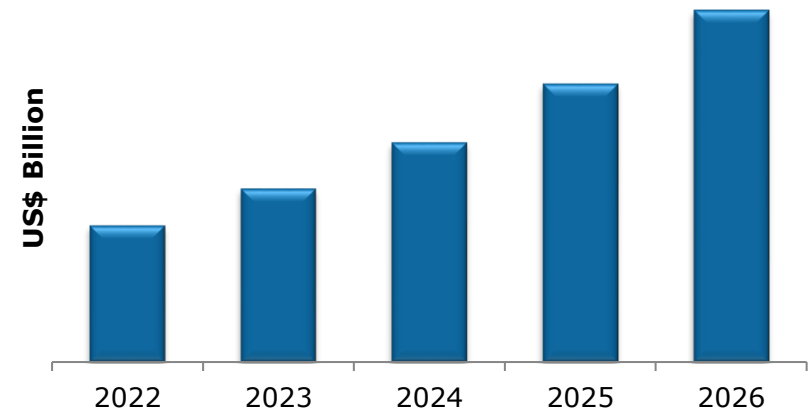
Surgery Type	Share	CAGR
Joint Replacement	xx%	xx%
Other Orthopedic Surgical Robot	xx%	xx%

Surgical Robot Market: End-User Analysis

Global Hospitals Surgical Robot Market by Value



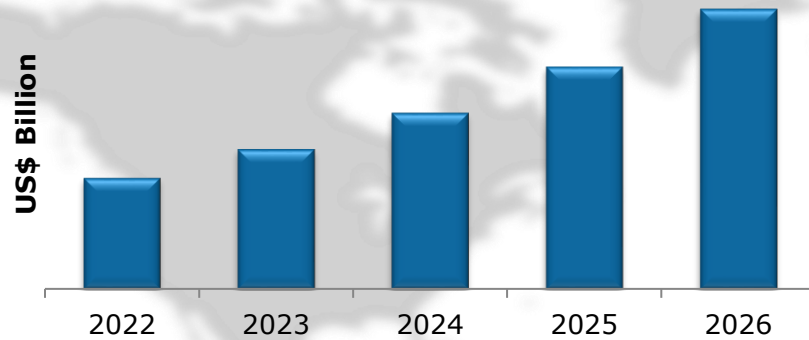
Global Ambulatory Surgical Centers Market by Value



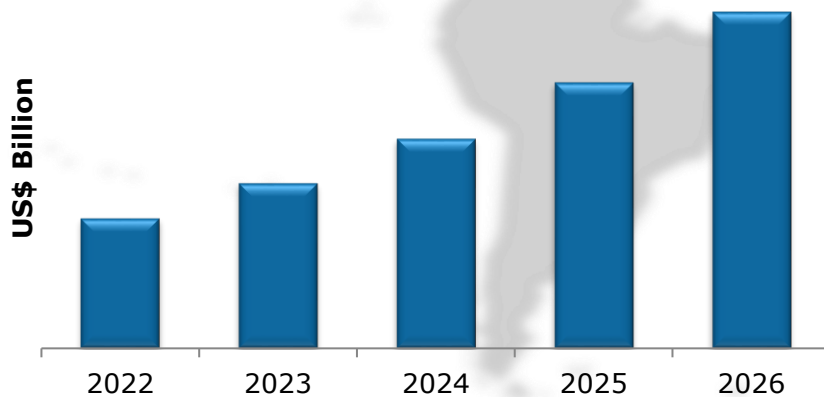
End-User	CAGR
	2022-2026
Hospitals	xx%
Ambulatory Surgical Centers	xx%

Surgical Robot Market: Regional Analysis

North America Surgical Robot Market by Value



Asia Pacific Surgical Robot Market by Value



Region	CAGR
	2022-2026
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

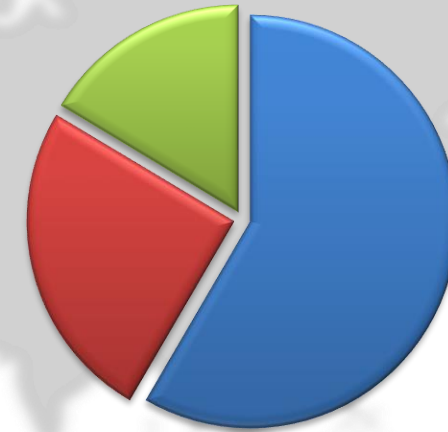
Surgical Robot Market: The US Analysis

The US Surgical Robot Market by Surgery Type; 2021



Surgery Type	Share	CAGR
Laparoscopic Robots	xx%	xx%
Joint Replacement Robots	xx%	xx%
Other Surgical Robots	xx%	xx%

The US Laparoscopic Surgical Robot Market by Component; 2021



Component	Share	CAGR
Disposables	xx%	xx%
Systems	xx%	xx%
Services	xx%	xx%

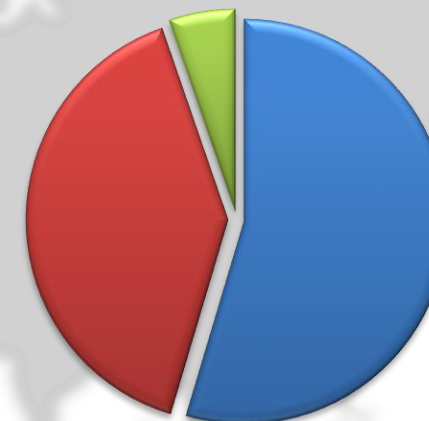
Surgical Robot Market: China Analysis

China Surgical Robot Market by Surgery Type; 2021&2026



Surgery Type	Share	CAGR
Laparoscopic Robots	xx%	xx%
Orthopedic Robots	xx%	xx%
Percutaneous Robots	xx%	xx%
Natural Orifice Robots	xx%	xx%
Panvascular Robots	xx%	xx%
Other Surgical Robots	xx%	xx%

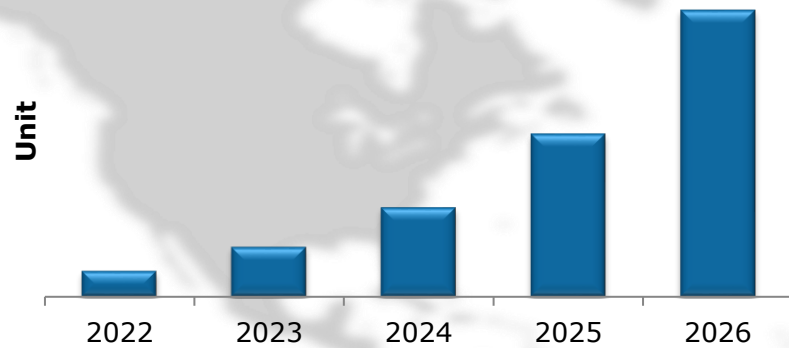
China Laparoscopic Surgical Robot Market by Component; 2021



Component	Share	CAGR
Systems	xx%	xx%
Disposables	xx%	xx%
Services	xx%	xx%

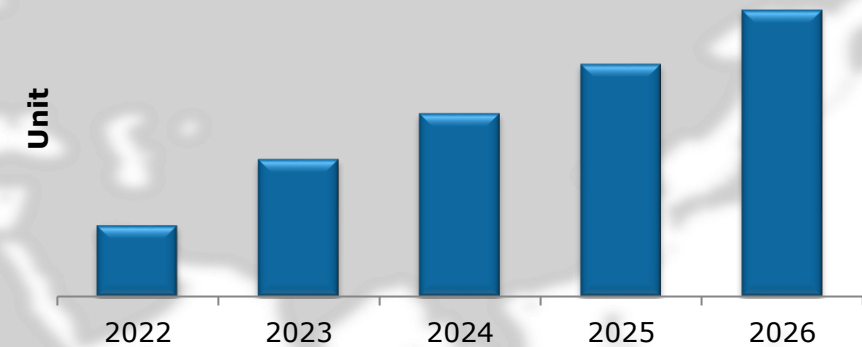
Surgical Robot Market: China Analysis

China Joint Replacement Surgical Robot Market by Cumulative Number of Robots



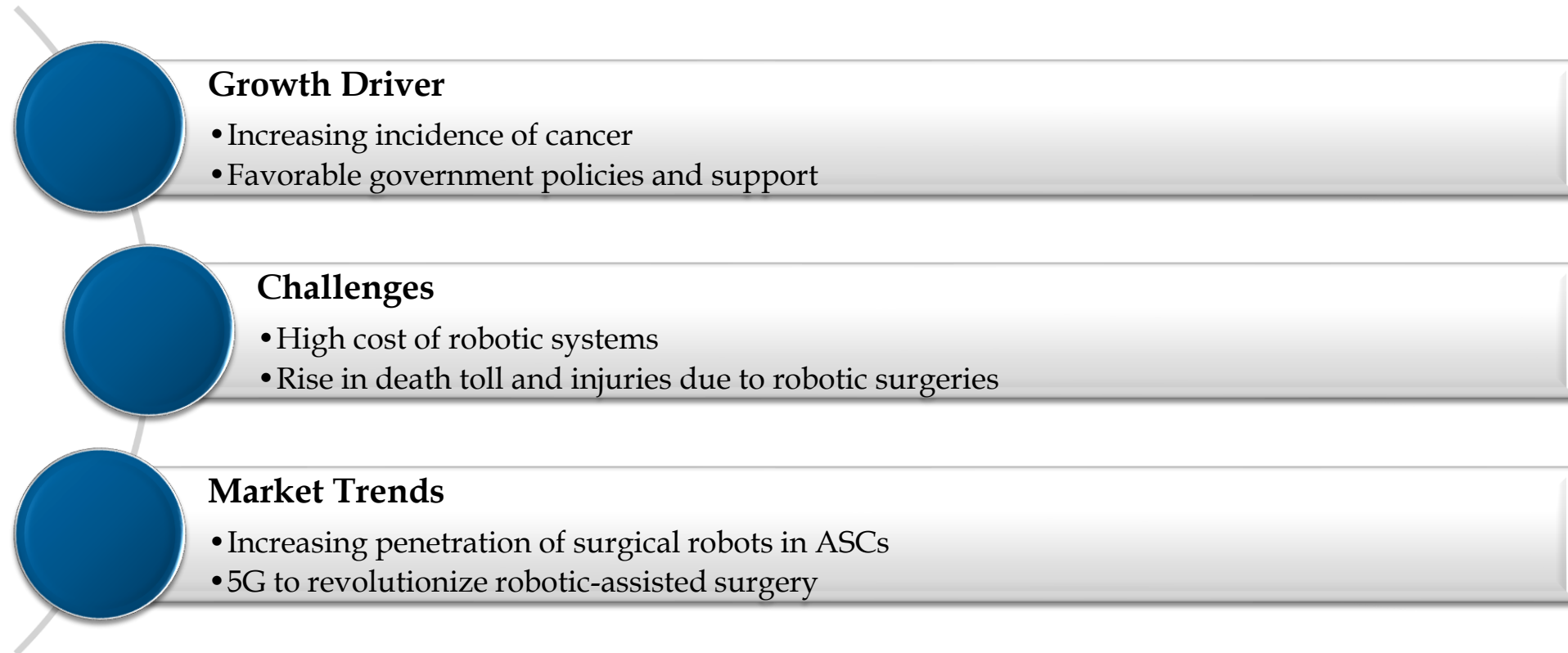
CAGR	
2022-2026	xx%

China Percutaneous Surgical Robot Market by Number of Newly Installed Robots



CAGR	
2022-2026	xx%

Global Surgical Robot Market: Dynamics



Global Surgical Robot Market: Competitive Landscape

Players Profiled

- Smith & Nephew, plc.



- Intuitive Surgical Inc.



- Stryker Corp.



- CMR Surgical Ltd.



Note: The graphs on this slide are only for sample representation.