

Robotic Dentistry Global Market Report 2025: Trends, And Forecasts That Will Shape The Future Of Dental Industry

*The Business Research Company's
Robotic Dentistry Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, February 27, 2025
/EINPresswire.com/ -- What Are The
Current And Future Projections For The
[Robotic Dentistry Market Size?](#)



The [robotic dentistry market](#) size has seen substantial growth in recent years. The market, valued at \$0.60 billion in 2024, is projected to climb to \$0.73 billion in 2025, marking a



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Compound Annual Growth Rate CAGR of 21.0%. This growth in the historic period is driven by factors such as the adoption of robotics for pediatric dental care, enhanced capabilities for complex oral surgeries, increased focus on patient safety, digitalization in dental practices, and the growing demand for time-saving dental solutions.

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What Are The Anticipated Growth Drivers For The Robotic Dentistry Market?

The market is expected to continue its exponential growth trajectory in the ensuing years. Expert projections estimate the robotic dentistry market will achieve a worth of \$1.54 billion in 2029 at a CAGR of 20.7%. Such formidable growth during the forecast period can be traced back to several contributing factors. These include the expansion of tele-industry, the rising use of robots in orthodontics, growth in dental tourism, increased funding for healthcare innovation, and the

surge in patient-specific dental solutions.

A leading growth driver propelling the robotic dentistry market onward is the rising demand for minimally invasive procedures. These medical approaches utilize minuscule or no incisions, resulting in lesser tissue trauma, quicker recovery rates, and lower risk than traditional surgery. The popularity of minimally invasive procedures can be attributed to factors such as faster recovery times, decreased risk of complications, and improved patient comfort. By providing enhanced precision, allowing for smaller incisions, minimizing tissue damage, reducing risks, and leading to better overall outcomes, robotic dentistry systems drastically improve dental procedures.

For example, significant growth was observed in the United Kingdom where, in March 2023, the British Association of Aesthetic Plastic Surgeons recorded 31,057 cosmetic surgeries, marking a staggering 102% increase from the previous year. Therefore, the rising demand for minimally invasive procedures stands as a primary growth driver for the robotic dentistry market.

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Who Are The Major Players In The Robotic Dentistry Market?

Major companies making strides in the robotic dentistry market include Planmeca Oy, Dental Monitoring, Neocis, Overjet, Videa Health, Smilo.ai, Dentulu, Diagnostics, X-Nav Technologies, Image Navigation Ltd., Perceptive. Io, Lupin Dental, Dentem, Denti.AI, Manchester Imaging, YakeBot Beijing Technology Co. Ltd., Pearl Dental AI, Dentroid, VELMENI, CoTreat, and AI Dent.

What Are The Emerging Trends In The Robotic Dentistry Market?

These companies are set on a path of innovation and are concentrating on developing advanced dental robotic software suites to deliver more personalized care to patients. For instance, in August 2023, Neocis, a US-based medical equipment manufacturer, launched its YomiPlan Go Workflow for commercial use. This advanced software suite enables clinicians to carry out implant surgeries without the need for preoperative scans, substantially improving procedural speed and precision.

How Is The Robotic Dentistry Market Segmented?

The market is primarily segmented by:

- 1 Products And Services: Standalone Robots, Robot-Assisted System, Services
- 2 Applications: Implantology, Endodontics, Other Applications
- 3 End-Users: Dental Hospitals And Clinics, Dental Academics, Other End-Users

Subsegments include:

- 1 Standalone Robots: Robotic Surgery Systems, Robotic Tooth Restoration Systems, Robotic Implant Placement Systems, Robotic Orthodontic Systems
- 2 Robot-Assisted Systems: Image-Guided Robotic Systems, Dental Navigation Systems, Robotic-Assisted Drilling And Cutting Systems, Robotic-Assisted Endodontic Systems, Robotic-Assisted Tooth Extraction Systems
- 3 Services: Installation Services, Maintenance And Repair Services, Training And Support Services, Consulting Services For Robotic Integration, Software Upgrades And Customization Services

Which Regions Are Leading In The Robotic Dentistry Market?

North America was the largest region in the robotic dentistry market in 2024, but it's Asia-Pacific that's expected to see the fastest growth during the forecast period. Other regions covered in the market report include Western Europe, Eastern Europe, South America, the Middle East, and Africa.

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