

Computer Assisted Surgical (CAS) Systems: Market Research Report

<https://marketpublishers.com/r/C11E79DCED5EN.html>

Date: January 2019

Pages: 280

Price: US\$ 5,600.00 (Single User License)

ID: C11E79DCED5EN

Abstracts

This report analyzes the worldwide markets for Computer Assisted Surgical (CAS) Systems in US\$ by the following Product Segments: Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 80 companies including many key and niche players such as -

3D Systems, Inc.

Accuray Incorporated

B. Braun Melsungen AG

Brainlab AG

CAE Healthcare

CONMED Corporation

Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

2. INDUSTRY OVERVIEW

Prelude

Surgical Robots Emerge as Mainstream Technology in Medical Field

The Tradeoff between Duration of Hospital Stay and Cost

Robotic Surgery – Benefits Outweigh Risks

A Robotic Surgery Revolution Expected in 2018

Rising Healthcare Spending Foster Growth

Table 1. Per-Capita Healthcare Expenditure in Select Leading Countries (2016)
(includes corresponding Graph/Chart)

Table 2. Leading Countries with Highest Private Spending (in %) on Health Care (2016)
(includes corresponding Graph/Chart)

Developing Economies: Favorable Prospects in the Long Run

Table 3. Leading Countries with Highest Healthcare Spending as a Percentage of GDP
(2016) (includes corresponding Graph/Chart)

Robotic Technologies Gradually Gain Adoption in the Healthcare Sector

Outlook

Spurt in Medical Tourism Offers Growth Opportunities

Minimal/Non-invasive Procedures Favor Adoption of CAS Systems

Demographics Favor CAS Market Growth

Table 4. Elderly Population (60+ Years) as a Percentage of the Total Population (2017
& 2050) (includes corresponding Graph/Chart)

Table 5. Global Aging Population (60+) and their Proportion of Total Population (2017 &
2050) (includes corresponding Graph/Chart)

Longer Life Expectancy Bolsters Market Growth

Table 6. Life Expectancy for Select Countries by Gender: 2015 (includes corresponding Graph/Chart)

Table 7. Life Expectancy at Age 60 and 80 Years - (2010-2015), (2020-2025) & (2045-2050) (includes corresponding Graph/Chart)

Future Developments in CAS Technologies

Hospitals and Insurers Role in Integration of CAS Technologies

Robotic Surgery – Risks and Setbacks

Lack of Tactile Feel

High Cost of the Robot

Robotic surgery Linked to Injuries and Deaths

Challenges Lie Ahead for CAS Technologies

CAS Technologies for Knee/Hip Implants: Issues at the Core of Debates

Open Vs Closed Implant Architecture Platforms

Marketing Benefits or Clinical Advantages: Making the Choice

Navigation Technologies: Promising but Limited Adoption

Growing Prominence of Custom-Made Instrumentation

Imaging Technologies Related to Patient Specific Instruments

3. PRODUCT MARKET TRENDS, ISSUES, AND DRIVERS

CAS in Select Medical Domains

CAS Technologies in Orthopedic Cases

Preoperative Planning and Simulation

Navigation Methods

Surgical Robotic Systems

Increasing Demand for Accurate and Efficient Replacement Surgeries

Computer-Aided Navigational Techniques in Neurosurgery

CAS in Spine Surgery

CAS in Craniofacial Surgery

CAS in ENT Surgery

Surgical Robots Market – A Review

Surgical Market – An Overview

Introduction to Medical Robots

Surgical Robotics: A Market Analysis

Technologies and Processes Complementing CAS Systems

Telesurgery

Intelligent Operating Room

Digital Operating Room

Virtual Surgery Table

Endoscopic Imagery

Compact MRI Scanners

Intraoperative Ultrasound

Intraoperative CT

Electromagnetic Tracking Systems

Surgical CAD/CAM Systems

Surgical Assistant Systems

Asia – The Fastest Growing Market for Surgical Robotic Systems

Robotics in Minimally Invasive Surgery (MIS) Procedures Gain Traction

Growing Popularity of Robotic Laparoscopic Surgery

Robot-Assisted Laparoscopy - Changing the Face of Laparoscopic Surgery

Non-Invasive Surgical Procedures – A New Revolution in the Making

Robotic Systems for Hysterectomy: Adding Value or Merely a Technological Fad?

Increasing Number of Robotic-Assisted Hysterectomies

Robotics in Prostatectomy Procedures

Robotic-Assisted Prostatectomies: High Success Rates

Controversies Fail to Deter Robotic Surgery from Becoming Standard of Care for Prostatectomies

Opportunities Galore for Robotic Surgeries in Complex Procedures

Spinal Surgery: A Promising Specialty for Robotics Surgery

Robotic Thyroidectomy: The New Option in Thyroid Surgery

Development of Advanced Robots: A Step towards Wider Adoption

Technology Innovations in Surgical Robotics

Surgical Robots with Imaging Capabilities

4D POSITIONING OF INSTRUMENTS & PROSTHETIC COMPONENTS – AN EMERGING TECHNOLOGY

Efforts on to Develop Open-Source Robotic Surgery System

Single Port Robotic Devices: Opportunities for New Entrants to Make a Mark

Mini-Invasive Diagnosis: Rising Prominence of Robots

Robotics to Replace Surgical Nurses?

Surgical Robot and IGS Vendor Woes

Complaints and Lawsuits Increase in Tandem with Rise in Robotic-Assisted Surgical

Procedures

Mishaps Related to Robotic Surgical Systems: A Major Concern

Criticisms Surrounding Robotic-Assisted Surgical Procedures

Marketing Initiatives: A Major Role in Surgical Robot's Success

Surgical Planners & Simulators Market – An Insight

Medical Simulation Gains Importance

Virtual Reality Market on a Roll

Virtual Reality Being Adopted in Diverse Medical Disciplines

Major Issues in Practical Applications of VR

Surgery Simulation with Haptic Feedback Opens New Avenues in Medical Education

VR Training Using Surgical Simulation Systems: Key Role in Laparoscopic Surgeries

Robots for Surgical Training

Procedure-Specific Simulators: The Ultimate Objective

Surgical Navigation Systems Market

Surgical Navigation Systems Market: An Introduction

Image Guided Technologies Play a Vital Role

Spinal Surgeons Gradually Increase Adoption of Surgical Robotics and Navigation Platforms

High Cost & Technical Hurdles Hamper Adoption of Surgical Navigation Systems

Emerging Economies: A Wealth of Opportunities for Surgical Navigation Systems Market

Manufacturers Focus on Outpatient Facilities

Partnerships between Imaging Companies & Navigation System Manufacturers

A Glance at Select Breakthroughs & Innovative Efforts in Surgical Navigation Market

7D SURGICAL NAVIGATION DEVICE: PROMISE OF REAL-TIME NAVIGATION

Circle's Surgical Navigation System

Fiagon's Navigation System

Medtronic's NuVent EM Sinus Dilation System for the Fusion ENT Navigation System

TLEMsafe: A European Funded Project on Patient-Specific Navigation System

4. INNOVATIONS AND ADVANCEMENTS

Growing Role of Technology in Surgical Procedures

Artificial Intelligence and Surgical Robotics

Real-time Diagnostics

3D PRINTING TECHNOLOGY

Minimally Invasive Procedure
Using Robots for Surgeries
Virtual Reality
Augmented Reality
New Surgical Robots for Operating Theatres
Robot Surgeons and Medical Drones – Future Visions
Robots to Enhance Accuracy and Save Time
Surgical Robots
Telemedical Robots
Virtual Reality and Augmented Reality
Walking with Exoskeletons
Digital Tattoos
Medical Drones
Sequencing Genomes at Home
New Senhance System, a RASD for MIS, Receives FDA Approval

5. PRODUCT OVERVIEW

Computer Assisted Surgical (CAS) Systems – An Introduction
Potential Benefits of CAS Devices in Operating Room
Machine Vs Human
Surgical Planners
Surgical Simulators
Surgical Navigation Systems
Surgical Robots/Robot-assisted Surgical System
Semi-Autonomous Surgical Robot
Guided Surgical Robotic System
Teleoperated Surgical Robot
Technologies Developed for Robotic Surgery
da Vinci
Zeus
Leonardo
Socrates
Aesop
Hybrid Operating Room/Angiosuite
Endoscopes

6. COMPETITIVE LANDSCAPE

Robotic Surgery Marches On
Intuitive Surgical Dominates Robotic Surgery Market
da Vinci Systems: Key Figures in a Nutshell

Table 8. Installed Base of Intuitive Surgical's da Vinci Systems by Country/Region for USA, Europe, Asia-Pacific and Rest of World (As of March 2018) (includes corresponding Graph/Chart)

Table 9. Proportion of Hospitals with at Least 1 da Vinci System in the US: Breakdown by Hospital Size (includes corresponding Graph/Chart)

Critics Fault Intuitive Surgical's Aggressive Marketing Strategy
Competitors Look to Dent da Vinci's Dominance in Robotic Surgery Market
A Glance at Emerging Competitors of Intuitive Surgical
Titan Medical's SPORT Surgical System
TransEnterix's Surigbot System
Telelap ALF-X Endoscopic Robotic Surgical System
Raven II Surgical Robots
Renaissance Guidance system
Octo-robo-arm
6.1 Focus on Select Players

3D SYSTEMS, INC. (USA)

Accuray Incorporated (USA)
B. Braun Melsungen AG (Germany)
Brainlab AG (Germany)
CAE Healthcare (Canada)
CONMED Corporation (USA)
Hansen Medical, Inc. (USA)
Intuitive Surgical, Inc. (USA)
Mazor Robotics (Israel)
Medtronic plc (Ireland)
Northern Digital Inc. (Canada)
Polhemus (USA)
Stryker Corporation (USA)
THINK Surgical, Inc. (USA)

6.2 Product Introductions/Launches

3D SYSTEMS LAUNCHES SIMBIONIX ANGIO TAB PRO ENDOVASCULAR SIMULATOR

Acclarent Launches TruDi, Real-Time 3D Navigation System for ENT Procedures

Stryker to Introduce Target Guided Surgery (TGS) Navigation System

CAE Healthcare Releases World's First AR Childbirth Simulator, CAE LucinaAR with Microsoft HoloLens

Medtronic Introduces StealthStation ENT Surgical Navigation System for Otolaryngology Procedures

Exactech Launches ExactechGPS TKA PLUS Software Application for Real-Time Intraoperative Computer Guidance

3D SYSTEMS RELEASES SIMBIONIX SPINE MENTOR, PRACTICE TOOL FOR MINIMALLY INVASIVE SPINE SURGERIES

Accuray Introduces Radiation Therapy Delivery Systems and Software Solutions

Stryker Launches MAKO Robot for Total Knee Replacements

Zimmer Biomet to Launch Robot-Assisted Surgery Platform for Total Knee Procedures

CAE Healthcare Releases CAE VimedixAR, an Ultrasound Training Simulator

Philips Introduces AR Surgical Navigation Technology for Image-Guided Open and Minimally Invasive Spine Surgery

Exactech Announces First US Surgery Using ExactechGPS Guided Personalized Surgery System

6.3 Recent Industry Activity

Accuray Signs Agreement with Apollo Group to Supply Radiation Therapy Devices

3D SYSTEMS AND ONKOS SURGICAL SIGN AGREEMENT FOR PERSONALIZED SURGICAL SOLUTIONS

3D SYSTEMS AND STRYKER SIGN EXCLUSIVE DISTRIBUTION PARTNERSHIP FOR VIRTUAL SURGICAL PLANNING

TransEnterix Signs Agreement with Great Belief International for Advancing and Commercializing SurgiBot System

Getinge and Verb Surgical Announce Strategic Partnership for Next Generation Surgery

Accuray Enters into Agreement with Dubai's Neuro Spinal Hospital for Expansion of its Products in Middle East

7D SURGICAL ENTERS INTO EXCLUSIVE SALES REPRESENTATIVE AGREEMENTS WITH SURGICAL ONE AND DB SURGICAL

Auris Surgical Robotics Acquires Hansen Medical

7. GLOBAL MARKET PERSPECTIVE

Table 10. World Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 11. World Historic Review for Computer Assisted Surgical Systems by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 12. World 14-Year Perspective for Computer Assisted Surgical Systems by Geographic Region - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 13. World Recent Past, Current & Future Analysis for Surgical Planners & Simulators by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 14. World Historic Review for Surgical Planners & Simulators by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 15. World 14-Year Perspective for Surgical Planners & Simulators by Geographic Region - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 16. World Recent Past, Current & Future Analysis for Surgical Navigation Systems by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 17. World Historic Review for Surgical Navigation Systems by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 18. World 14-Year Perspective for Surgical Navigation Systems by Geographic Region - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 19. World Recent Past, Current & Future Analysis for Surgical Robots by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 20. World Historic Review for Surgical Robots by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 21. World 14-Year Perspective for Surgical Robots by Geographic Region - Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific and Rest of World Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8. REGIONAL MARKET PERSPECTIVE

8.1 The United States

A. Market Analysis

Outlook

Aging Demographics: Major Driving Factor

Table 22. North American Elderly Population by Age Group (1975-2050) (includes

corresponding Graph/Chart)

Robotic-Assisted Surgery Market in the US

Table 23. Average Duration of Post Surgery Hospitalization in the US: Comparing Robotic Surgery Vs Laparoscopic Procedure (includes corresponding Graph/Chart)

Opportunity Indicator

Table 24. Hysterectomy Market in the US (2005, 2013 & 2017E): Percentage Breakdown of Patient Volume by Procedure Type - Laparoscopic, Open, Robotic, and Vaginal (includes corresponding Graph/Chart)

Robotic-Assisted Prostatectomies: High Success Rates

Imaging: A Vital Role to Play in Image-Guided Surgery

Lucrative VR Market

A Brief Overview of the US Image-Guided Surgery Products Market

Surgical Navigation Systems Market Set for Robust Growth

Table 25. Orthopedic Navigation Systems Market in the US (2017 & 2020): Percentage Value Breakdown of Navigation Systems by Application (includes corresponding Graph/Chart)

Spinal Surgeons Gradually Increase Adoption of Surgical Robotics and Navigation Platforms

Navigation Technologies: Promising but Limited Adoption in Orthopedic Surgeries

Computer-Assisted Navigation Surgery Makes Gains in Total Knee Replacement Procedure

Table 26. Total Knee Replacement Surgeries in the US - Percentage Share Breakdown of Volume by Type of Procedure (includes corresponding Graph/Chart)

Computer-Assisted Knee Replacement: A Better Option

Healthcare Spending – A Review

Hospital Spending to Remain Tight

Consolidation Hits the Hospital Market
Increase in ASCs & Walk-in Centers Drive Demand
Regulatory Scenario
FDA Clearance for Surgical Navigation Systems
Healthcare Reforms & Other Legislations: An Overview
Reimbursement Scenario
B. Market Analytics

Table 27. US Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 28. US Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 29. US 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.2 Canada Market Analysis

Table 30. Canadian Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 31. Canadian Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 32. Canadian 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.3 Japan

A. Market Analysis

Outlook

Robot-Assisted Surgery: Concerns over Safety

B. Market Analytics

Table 33. Japanese Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 34. Japanese Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 35. Japanese 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.4 Europe

A. Market Analysis

Outlook

Virtual Reality Scenario in Europe

Surgical Navigation Systems Market in Europe: An Overview

Western Europe: Strong Growth for Robot-Assisted Surgery Market

B. Market Analytics

Table 36. European Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Geographic Region - France, Germany, Italy, UK, and Rest of

Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 37. European Historic Review for Computer Assisted Surgical Systems by Geographic Region - France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 38. European 14-Year Perspective for Computer Assisted Surgical Systems by Geographic Region - Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, and Rest of Europe Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

Table 39. European Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 40. European Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 41. European 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.4.1 France Market Analysis

Table 42. French Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 43. French Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 44. French 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.4.2 Germany

A. Market Analysis

Current & Future Analysis

Surgical Navigation Systems: Essential Components of Modern OTs

Strengths and Weaknesses

Other Technologies for Augmenting Surgical Navigation Systems

B. Market Analytics

Table 45. German Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 46. German Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 47. German 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.4.3 Italy

Market Analysis

Table 48. Italian Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 49. Italian Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 50. Italian 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.4.4 The United Kingdom

A. Market Analysis

Current & Future Analysis

Use of Robotics in Neurosurgery

Surgical Robots

Stereotactic Surgery

Use of Robots in Stereotactic Neurosurgery

UK Training Physicians to Use Robotic Systems

B. Market Analytics

Table 51. UK Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 52. UK Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 53. UK 14-Year Perspective for Computer Assisted Surgical Systems by Product

Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.4.5 Rest of Europe Market Analysis

Table 54. Rest of Europe Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 55. Rest of Europe Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 56. Rest of Europe 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.5 Asia-Pacific

A. Market Analysis

Outlook

Rapidly Expanding Economies Drive Demand for Image-Guided & Robotic Procedures

Robot-Assisted Surgery Market in Asia-Pacific – An Overview

India: Growing Prominence of CAS Technologies

B. Market Analytics

Table 57. Asia-Pacific Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 58. Asia-Pacific Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 59. Asia-Pacific 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

8.6 Rest of World Market Analysis

Table 60. Rest of World Recent Past, Current & Future Analysis for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 61. Rest of World Historic Review for Computer Assisted Surgical Systems by Product Segment - Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 62. Rest of World 14-Year Perspective for Computer Assisted Surgical Systems by Product Segment - Percentage Breakdown of Dollar Sales for Surgical Planners & Simulators, Surgical Navigation Systems, and Surgical Robots Markets for Years 2011, 2018 & 2024 (includes corresponding Graph/Chart)

9. COMPANY PROFILES

Total Companies Profiled: 80 (including Divisions/Subsidiaries - 83)

The United States (48)

Canada (7)

Japan (1)

Europe (23)

France (2)

Germany (7)

The United Kingdom (5)
Italy (2)
Rest of Europe (7)
Asia-Pacific (Excluding Japan) (2)
Middle East (2)

I would like to order

Product name: Computer Assisted Surgical (CAS) Systems: Market Research Report

Product link: <https://marketpublishers.com/r/C11E79DCED5EN.html>

Price: US\$ 5,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C11E79DCED5EN.html>