

NORTH AMERICA MEDICAL ROBOTICS MARKET FORECAST 2017-2024

<https://marketpublishers.com/r/N36839E3606EN.html>

Date: April 2017

Pages: 81

Price: US\$ 1,950.00 (Single User License)

ID: N36839E3606EN

Abstracts

KEY FINDINGS

The North America medical robotics market is estimated at \$ 2649 million in the year 2016 and expected to hit \$ 11950 million in the year 2024 with CAGR of 20.9% during the forecast period 2017-2024. The forecast period for medical robotics market is from 2017 to 2024 and the base year deliberated for the market study is 2016. Lifestyle diseases and mortality rates, growing investment in robotic technology, increase in popularity of minimally invasive surgery and the support of the government in regard to healthcare robotics motivate the robotics market to surge ahead.

MARKET INSIGHTS

The medical robotics market is segmented by type on the basis of surgical robotics market, rehabilitation robotics market and non-invasive radio surgery robotics market. It is also segmented by application on the basis of laparoscopic market; orthopedic, neurology and others. Entry of new players and substitute products pose a threat to the medical robotics market. The expenses incurred in surgery and the safety concerns related to robotic machines as compared to human beings are some of the factors limiting the medical robotics market.

COMPETITIVE INSIGHTS

The dominant players of the Aesyntinc (Acquired By Omnicell, Inc.), Accuray, Inc, Abbot Diagnostics, Irobot Corporation, Baxter International, Rewalk Robotics, Kerby Lester, Mazor Robotics, Intuitive Surgical, Hocoma Ag, Hansen Medical, Inc., CareFusion, Biotek Instruments, Aurora Biomed, and Agilent Technologies.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. KEY FINDINGS
- 3.2. SURGICAL ROBOTICS CONTRIBUTES TO HIGHEST MARKET SHARE
- 3.3. CHINA AND INDIA ARE THE EMERGING MARKETS IN AUTOMATION
- 3.4. HIGH COST IS THE BIGGEST RESTRAINT

4. MARKET OVERVIEW

- 4.1. MARKET DEFINITION AND SCOPE
- 4.2. MARKET DETERMINANTS
- 4.3. MARKET DRIVERS
 - 4.3.1. INVESTMENT IN ROBOTIC TECHNOLOGY
 - 4.3.2. INCREASING POPULARITY OF MINIMALLY INVASIVE SURGERY
 - 4.3.3. LIFESTYLE DISEASES AND MORTALITY RATES
 - 4.3.4. GOVERNMENT SUPPORT FOR HEALTHCARE ROBOTICS
- 4.4. MARKET RESTRAINTS
 - 4.4.1. EXPENSES RELATED TO SURGERY
 - 4.4.2. SAFETY CONCERNS RELATED TO ROBOTIC MACHINES AS COMPARED TO HUMAN BEINGS.

4.5. MARKET OPPORTUNITIES

- 4.5.1. DEVELOPMENT IN ROBOTICS FIELD
- 4.5.2. INCREASING NUMBER OF ELDERLY AND DISEASED PATIENTS
- 4.5.3. EPIDEMIC DISEASE AND CRISIS CONTROLLING ROBOTS

4.6. MARKET CHALLENGES

- 4.6.1. RESISTANCE FROM MEDICAL PROFESSIONALS
- 4.6.2. DATA PROTECTION CONCERNS

4.7. PARENT MARKET

4.8. COMPETITORS MARKET

4.9. ALTERNATIVE MARKET

5. MARKET SEGMENTATION

5.1. BY TYPE

- 5.1.1. SURGICAL ROBOTICS MARKET
- 5.1.2. REHABILITATION ROBOTICS MARKET
- 5.1.3. NONINVASIVE RADIOSURGERY ROBOTICS MARKET
- 5.1.4. HOSPITAL AND PHARMACY ROBOTICS MARKET
- 5.1.5. OTHERS MARKET

5.2. BY APPLICATION

- 5.2.1. LAPAROSCOPIC MARKET
- 5.2.2. ORTHOPEDIC MARKET
- 5.2.3. NEUROLOGY MARKET
- 5.2.4. OTHERS APPLICATION MARKET

6. KEY ANALYTICS

6.1. KEY MARKET INSIGHTS

- 6.1.1. TOP 3 REVENUE GENERATING SEGMENTS
- 6.1.2. TOP GROWING MARKETS AND EMERGING TRENDS

6.2. COMPETITIVE LANDSCAPE

- 6.2.1. MARKET SHARE ANALYSIS
- 6.2.2. TOP WINNING STRATEGIES
- 6.2.3. CASE STUDIES: TOP COMPETITIVE MOVES

6.3. MEDICAL ROBOTICS MARKET: PORTER'S MODEL

- 6.3.1. BARGAINING POWER OF SUPPLIERS
- 6.3.2. THREAT OF NEW ENTRANTS
- 6.3.3. BARGAINING POWER OF BUYERS
- 6.3.4. THREAT OF SUBSTITUTES

- 6.3.5. COMPETITIVE RIVALRY BETWEEN EXISTING PLAYERS
- 6.4. KEY BUYING CRITERIA
- 6.5. PARAMETRIC ANALYSIS
 - 6.5.1. GROWING INDUSTRIALIZATION
 - 6.5.2. ADOPTION ACROSS VARIOUS INDUSTRIES

7. GEOGRAPHIC ANALYSIS

- 7.1. NORTH AMERICA MEDICAL ROBOTICS MARKET
 - 7.1.1. US MEDICAL ROBOTICS MARKET
 - 7.1.2. CANADA MEDICAL ROBOTICS MARKET

8. COMPANY PROFILES

- 8.1. ABBOTT DIAGNOSTICS
 - 8.1.1. OVERVIEW
 - 8.1.2. PRODUCTS PORTFOLIO
 - 8.1.3. SCOT ANALYSIS
 - 8.1.4. STRATEGIC MOVES
- 8.2. ACCURACY, INC.
 - 8.2.1. OVERVIEW
 - 8.2.2. PRODUCTS PORTFOLIO
 - 8.2.3. SCOT ANALYSIS
 - 8.2.4. STRATEGIC MOVES
- 8.3. AESYNT INC. (ACQUIRED BY OMNICELL, INC.)
 - 8.3.1. OVERVIEW
 - 8.3.2. PRODUCTS PORTFOLIO
 - 8.3.3. SCOT ANALYSIS
 - 8.3.4. STRATEGIC MOVES
- 8.4. AGILENT TECHNOLOGIES
 - 8.4.1. OVERVIEW
 - 8.4.2. PRODUCTS PORTFOLIO
 - 8.4.3. SCOT ANALYSIS
 - 8.4.4. STRATEGIC MOVES
- 8.5. AURORA BIOMED
 - 8.5.1. OVERVIEW
 - 8.5.2. PRODUCTS PORTFOLIO
 - 8.5.3. SCOT ANALYSIS
- 8.6. BAXTER INTERNATIONAL

- 8.6.1. OVERVIEW
- 8.6.2. PRODUCTS PORTFOLIO
- 8.6.3. SCOT ANALYSIS
- 8.6.4. STRATEGIC MOVES
- 8.7. BIOTEK INSTRUMENTS
 - 8.7.1. OVERVIEW
 - 8.7.2. PRODUCTS PORTFOLIO
 - 8.7.3. SCOT ANALYSIS
 - 8.7.4. STRATEGIC MOVES
- 8.8. CAREFUSION (PARTNERED WITH BECTON, DICKINSON AND COMPANY (BD))
 - 8.8.1. OVERVIEW
 - 8.8.2. PRODUCTS PORTFOLIO
 - 8.8.3. SCOT ANALYSIS
 - 8.8.4. STRATEGIC MOVES
- 8.9. HANSEN MEDICAL, INC.
 - 8.9.1. OVERVIEW
 - 8.9.2. PRODUCTS PORTFOLIO
 - 8.9.3. SCOT ANALYSIS
 - 8.9.4. STRATEGIC MOVES
- 8.10. HOCOMA AG
 - 8.10.1. OVERVIEW
 - 8.10.2. PRODUCTS PORTFOLIO
 - 8.10.3. SCOT ANALYSIS
 - 8.10.4. STRATEGIC MOVES
- 8.11. INTUITIVE SURGICAL
 - 8.11.1. OVERVIEW
 - 8.11.2. INTUITIVE SURGICAL PRODUCTS PORTFOLIO
 - 8.11.3. STRATEGIC MOVES
 - 8.11.4. SCOT ANALYSIS
- 8.12. MAZOR ROBOTICS
 - 8.12.1. OVERVIEW
 - 8.12.2. MAZOR ROBOTICS PRODUCT PORTFOLIO
 - 8.12.3. STRATEGIC MOVES
 - 8.12.4. SCOT ANALYSIS
- 8.13. KERBY LESTER
 - 8.13.1. OVERVIEW
 - 8.13.2. KERBY LESTER PRODUCT PORTFOLIO
 - 8.13.3. STRATEGIC MOVES

- 8.13.4. SCOT ANALYSIS
- 8.14. REWALK ROBOTICS
 - 8.14.1. OVERVIEW
 - 8.14.2. REWALK PRODUCT PORTFOLIO
 - 8.14.3. STRATEGIC MOVES
 - 8.14.4. SCOT ANALYSIS
- 8.15. IROBOT CORPORATION
 - 8.15.1. OVERVIEW
 - 8.15.2. IROBOT PRODUCT PORTFOLIO
 - 8.15.3. SCOT ANALYSIS
 - 8.15.4. STRATEGIC MOVES

TABLE LIST

TABLE 1 NORTH AMERICA MEDICAL ROBOTICS MARKET BY APPLICATION
2017-2024 (\$ MILLION)

TABLE 2 COST OF GENERAL ROBOTIC SURGERIES PERFORMED NORTH
AMERICALLY IN 2015

TABLE 3 EXPERTISE REQUIRED FOR ROBOTICS SURGERIES

TABLE 4 NORTH AMERICA MEDICAL ROBOTICS MATERIALS MARKET BY TYPE
2017-2024 (\$ MILLION)

TABLE 5 NORTH AMERICA SURGICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

TABLE 6 NORTH AMERICA REHABILITATION ROBOTICS MARKET 2017-2024 (\$
MILLION)

TABLE 7 NORTH AMERICA NON-INVASIVE RADIOSURGERY ROBOTICS MARKET
2017-2024 (\$ MILLION)

TABLE 8 NORTH AMERICA HOSPITAL AND PHARMACY ROBOTICS MARKET
2017-2024 (\$ MILLION)

TABLE 9 NORTH AMERICA OTHERS ROBOTICS MARKET 2017-2024 (\$ MILLION)

TABLE 10 NORTH AMERICA LAPAROSCOPIC MARKET 2017-2024(\$ MILLION)

TABLE 11 NORTH AMERICA ORTHOPEDIC MARKET 2017-2024(\$ MILLION)

TABLE 12 NORTH AMERICA NEUROLOGY MARKET 2017-2024(\$ MILLION)

TABLE 13 NORTH AMERICA OTHERS APPLICATION MARKET 2017-2024 (\$
MILLION)

TABLE 14 PORTER'S FIVE FORCE MODEL IN MEDICAL ROBOTICS MARKET

TABLE 15 NORTH AMERICA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

TABLE 16 NORTH AMERICA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)

TABLE 17 NUMBER OF PHYSICIANS AND PHYSICIANS/100K POPULATION IN
NEUROLOGY IN CANADA, 2015

FIGURES LIST

- FIGURE 1 NORTH AMERICA MEDICAL ROBOTICS MARKET IN 2016 (%)
- FIGURE 2 NORTH AMERICA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)
- FIGURE 3 MEDICAL ROBOTICS R&D INVESTMENTS 2016
- FIGURE 4 PRICE DIFFERENCES IN SURGERY WITH AND WITHOUT ROBOTS (% PERCENTAGE) 2015
- FIGURE 5 YOUNG CHILDREN AND OLDER PEOPLE AS A PERCENTAGE OF GLOBAL POPULATION: 1950-2050
- FIGURE 6 COMPETITORS FOR MEDICAL ROBOTICS
- FIGURE 7 NON-INVASIVE RADIO SURGERY ROBOTICS MARKET 2016
- FIGURE 8 OVERWEIGHT AND OBESITY CASES IN 2014(IN MILLION)
- FIGURE 9 PROPORTION OF POPULATION AGED 60 YEARS OR OVER, 1950-2025 (IN PERCENTAGE)
- FIGURE 10 US MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)
- FIGURE 11 NORTH AMERICA SURGICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)
- FIGURE 12 NORTH AMERICA LAPAROSCOPY MARKET 2017-2024 (\$ MILLION)
- FIGURE 13 NORTH AMERICA MEDICAL ROBOTICS MARKET BY APPLICATION IN 2016 (%)
- FIGURE 14 NORTH AMERICA REHABILITATION ROBOTICS MARKET 2017-2024 (\$ MILLION)
- FIGURE 15 MARKET SHARE ANALYSIS OF MEDICAL ROBOTICS MARKET 2015
- FIGURE 16 NORTH AMERICA MEDICAL ROBOTICS MARKET: KEY BUYING CRITERIA
- FIGURE 17 APPLICATIONS OF MEDICAL ROBOTICS MARKET SHARE, 2016
- FIGURE 18 MEDICAL ROBOTICS R&D INVESTMENTS 2015
- FIGURE 19 U.S. MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)
- FIGURE 20 PRIORITY WISE TELEMEDICINE MARKET IN U.S. IN 2015
- FIGURE 21 CANADA MEDICAL ROBOTICS MARKET 2017-2024 (\$ MILLION)
- FIGURE 22 DA VINCI SURGICAL SYSTEM INSTALLATION BASE AS OF JUNE 30, 2015 (IN UNITS)

I would like to order

Product name: NORTH AMERICA MEDICAL ROBOTICS MARKET FORECAST 2017-2024

Product link: <https://marketpublishers.com/r/N36839E3606EN.html>

Price: US\$ 1,950.00 (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/N36839E3606EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970