

Global Near Infrared Imaging Market Research and Analysis, 2015-2022

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Abstracts

Near Infrared Imaging is used to detect changes induced by brain activity, injury or diseases by using near infrared light between 650 and 950 nm to non-invasively probe the concentration and oxygenation of hemoglobin in the brain, muscle and other tissues.

The Near Infrared Imaging market is anticipated to witness an impressive growth rate during the forecasted period. According to analysis the Near Infrared Imaging market is expected to grow with a CAGR of 9% during 2017-2022. The pivotal factors contributing in the growth of Near Infrared Imaging market includes no radiation risk as compare to other technology, increase in number of chronic disease, high spatial resolution, real time display & portability. According to the WHO, Cardiovascular diseases cause maximum death in the world. As estimated 17.7 million people died because of CVDs in 2015 which is 31% of all diseases, out of this, an estimated 7.4 million were due to coronary heart disease and 6.7 million were due to stroke. This number is expected to increase in coming years which finds a great scope for the Near Infrared Imaging market.

Technological advancements and integration of IT in the healthcare sector and enhancing R&D efforts for the industry are likely to act as high impact rendering drivers for the global near infrared imaging market. It is expected that this method can be employed in routine clinical process. Growing medical tourism, in emerging economy like India and China is also one prime cause of sustainable growth in the APAC region. However, lack of skilled professional availability of alternate imaging techniques and poor penetration power are the reasons which expected to hamper the growth of the Near Infrared Imaging market.

Geographical Insights

The global Near Infrared Imaging market is geographically segregated into Europe, North America, Asia Pacific and RoW. In current scenario, North America dominates the Near Infrared Imaging market in terms of revenue. Rise in life style oriented diseases and growth in geriatric population along with reasonably higher patient disposable income and sophisticated healthcare infrastructure are the key drivers for the North American market. Moreover, extensive research activities are being conducted within the region which is anticipated to be a vital growth factor during the forecasted period.

The APAC is anticipated to be the fastest growing region mainly due to significant adaptation of technological advancements and pioneering presence in the development of healthcare. The supportive government initiatives, growing medical tourism in emerging economies, rising awareness level and increasing foreign investments within the region for the research & development are anticipated to propel the market growth over the projected period.

The report includes detailed market overview, market determinants, company profiling, sector analysis, market segmentation, geographical analysis, patent analysis, strategic recommendations, key company analysis, key findings, market estimations, market insights, analyst insights and predictive analysis of the market.

Competitive Insights

Key players of Near Infrared Imaging market include Biospace Lab, Bosch Healthcare Solution GmbH., Bruker Corporation, Carl Zeiss Meditec AG, Fluoptics, Hamamatsu Photonics., Li-Cor, Mizuho Corporatio and Novadaq Technologies Inc. The big market players are adopting the strategy of tie-ups with universities and research institutes that work on grafting as well as organ regeneration technologies.

Contents

1. REPORT SUMMARY

- 1.1. RESEARCH METHODS AND TOOLS
- 1.2. MARKET BREAKDOWN
 - 1.2.1. BY SEGMENTS
 - 1.2.2. BY GEOGRAPHY
 - 1.2.3. BY STAKEHOLDERS

2. MARKET OVERVIEW AND INSIGHTS

- 2.1. DEFINITION
- 2.2. ANALYST INSIGHT&CURRENT MARKET TRENDS
 - 2.2.1. KEY FINDINGS
 - 2.2.2. RECOMMENDATION
 - 2.2.3. CONCLUSION
- 2.3. REGULATIONS
 - 2.3.1. UNITED STATES
 - 2.3.2. EUROPEAN UNION
 - 2.3.3. CHINA
 - 2.3.4. INDIA
 - 2.3.5. REST OF THE WORLD
- 2.4. PATENT ANALYSIS

3. MARKET DETERMINANT

- 3.1. MOTIVATORS
 - 3.1.1. NO RADIATION RISK AS COMPARE TO OTHER IMAGING TECHNIQUES
 - 3.1.2. INCREASED CASES OF CHRONIC DISEASES
 - 3.1.3. NO NEED OF SOURCE INSTRUMENT FOR GENERATING RAYS
 - 3.1.4. HIGH SPATIAL RESOLUTION
 - 3.1.5. REAL TIME DISPLAY
 - 3.1.6. PORTABLE
 - 3.1.7. LOW COST AS COMPARE TO TRADITIONAL METHOD
- 3.2. RESTRAINTS
 - 3.2.1. POOR TISSUE PENETRATION (>1 CM) IN FRI
 - 3.2.2. ALTERNATIVE IMAGING TECHNIQUES
 - 3.2.3. LACK OF SKILLED PROFESSIONALS

3.3. OPPORTUNITIES

3.3.1. REPLACEMENT OF TRADITIONAL METHODS

3.3.2. LIKELY TO BE EMPLOYED IN ROUTINE CLINICAL PROCESS

3.3.3. ADOPTION IN GROWING MEDICAL TOURISM IN EMERGING ECONOMIES

4. MARKET SEGMENTATION

4.1. NEAR INFRARED IMAGING MARKET BY DISEASE

4.1.1. CANCER SURGERIES

4.1.2. GASTROINTESTINAL SURGERIES

4.1.3. CARDIOVASCULAR SURGERIES

4.1.4. PLASTIC SURGERIES

4.2. NEAR INFRARED IMAGING MARKET BY TECHNOLOGY

4.2.1. FLUORESCENCE IMAGING

4.2.1.1. FLUORESCENCE REFLECTANCE IMAGING (FRI)

4.2.1.2. TOMOGRAPHIC FLUORESCENCE IMAGING

4.2.2. BIOLUMINESCENCE IMAGING

5. COMPETITIVE LANDSCAPE

5.1. KEY STRATEGIES

5.2. KEY COMPANY ANALYSIS

6. REGIONAL ANALYSIS

6.1. NORTH AMERICA

6.1.1. UNITED STATES

6.1.2. CANADA

6.1.3. REST OF NORTH AMERICA

6.2. EUROPE

6.2.1. UNITED KINGDOM

6.2.2. FRANCE

6.2.3. GERMANY

6.2.4. ITALY

6.2.5. SPAIN

6.2.6. REST OF EUROPE

6.3. ASIA PACIFIC

6.3.1. INDIA

6.3.2. CHINA

6.3.3. JAPAN

6.4. REST OF THE WORLD

7. COMPANY PROFILES

7.1. BIOSPACE LAB

7.1.1. INTRODUCTION

7.1.2. BIOSPACE LAB PRODUCT PORTFOLIO

7.1.3. BIOSPACE LAB RECENT ACTIVITIES

7.2. BOSCH HEALTHCARE SOLUTION GMBH

7.2.1. INTRODUCTION

7.2.2. BOSCH HEALTHCARE SOLUTION GMBH PRODUCT PORTFOLIO

7.2.3. BOSCH HEALTHCARE SOLUTION GMBH RECENT ACTIVITIES

7.3. BRUKER CORPORATION

7.3.1. INTRODUCTION

7.3.2. BRUKER CORPORATION PRODUCT PORTFOLIO

7.3.3. BRUKER CORPORATION RECENT ACTIVITIES

7.4. CARL ZEISS MEDITEC AG

7.4.1. INTRODUCTION

7.4.2. CARL ZEISS MEDITEC AG PRODUCT PORTFOLIO

7.4.3. CARL ZEISS MEDITEC AG RECENT ACTIVITIES

7.5. FLUOPTICS

7.5.1. INTRODUCTION

7.5.2. FLUOPTICS PRODUCT PORTFOLIO

7.5.3. FLUOPTICS RECENT ACTIVITIES

7.6. HAMAMATSU PHOTONICS

7.6.1. INTRODUCTION

7.6.2. HAMAMATSU PHOTONICS PRODUCT PORTFOLIO

7.6.3. HAMAMATSU PHOTONICS RECENT ACTIVITIES

7.7. KARL STORZ GMBH & CO. KG CORPORATION

7.7.1. INTRODUCTION

7.7.2. KARL STORZ GMBH & CO. KG CORPORATION PRODUCT PORTFOLIO

7.7.3. KARL STORZ GMBH & CO. KG CORPORATION RECENT ACTIVITIES

7.8. LI-COR INC.

7.8.1. INTRODUCTION

7.8.2. LI-COR INC. PRODUCT PORTFOLIO

7.8.3. LI-COR INC. RECENT ACTIVITIES

7.9. MILTENYI BIOTECH

7.9.1. INTRODUCTION

- 7.9.2. MILTENYI BIOTECH PRODUCT PORTFOLIO
- 7.9.3. MILTENYI BIOTECH RECENT ACTIVITIES
- 7.10. MIZUHO CORPORATION
 - 7.10.1. INTRODUCTION
 - 7.10.2. MIZUHO CORPORATION PRODUCT PORTFOLIO
 - 7.10.3. MIZUHO CORPORATION RECENT ACTIVITIES
- 7.11. NOVADAQ TECHNOLOGIES INC.
 - 7.11.1. INTRODUCTION
 - 7.11.2. NOVADAQ TECHNOLOGIES INC. PRODUCT PORTFOLIO
 - 7.11.3. NOVADAQ TECHNOLOGIES INC. RECENT ACTIVITIES
- 7.12. PERKINELMER INC.
 - 7.12.1. INTRODUCTION
 - 7.12.2. PERKINELMER INC. PRODUCT PORTFOLIO
 - 7.12.3. PERKINELMER INC. RECENT ACTIVITIES
- 7.13. PROMEGA CORPORATION
 - 7.13.1. INTRODUCTION
 - 7.13.2. PROMEGA CORPORATION PRODUCT PORTFOLIO
 - 7.13.3. PROMEGA CORPORATION RECENT ACTIVITIES
- 7.14. SAMSUNG TECHWIN
 - 7.14.1. INTRODUCTION
 - 7.14.2. SAMSUNG TECHWIN PRODUCT PORTFOLIO
 - 7.14.3. SAMSUNG TECHWIN RECENT ACTIVITIES
- 7.15. THERMO FISHER SCIENTIFIC
 - 7.15.1. INTRODUCTION
 - 7.15.2. THERMO FISHER SCIENTIFIC PRODUCT PORTFOLIO
 - 7.15.3. THERMO FISHER SCIENTIFIC RECENT ACTIVITIES

List Of Tables

LIST OF TABLES

Table # 1 GLOBAL NEAR INFRARED MARKET RESEARCH AND ANALYSIS, BY DISEASE 2015-2022 (\$ MILLION)

Table # 2 GLOBAL NEAR INFRARED IMAGING CANCER SURGERIES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

Table # 3 GLOBAL NEAR INFRARED IMAGING GASTROINTESTINAL SURGERIES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

Table # 4 GLOBAL NEAR INFRARED IMAGING CARDIOVASCULAR SURGERIES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

Table # 5 GLOBAL NEAR INFRARED IMAGING PLASTIC SURGERIES MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

Table # 6 GLOBAL NEAR INFRARED IMAGING VIVO IMAGING MARKET RESEARCH AND ANALYSIS 2015-2022 (\$ MILLION)

Table # 7 GLOBAL NEAR INFRARED IMAGING MARKET RESEARCH AND ANALYSIS, BY TECHNOLOGY 2015-2022 (\$ MILLION)

Table # 8 GLOBAL NEAR INFRARED IMAGING FLUORESCENCE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table # 9 GLOBAL NEAR INFRARED IMAGING BIOLUMINESCENCE IMAGING MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table # 10 BIOSPACE LAB PRODUCT PORTFOLIO

Table # 11 BIOSPACE LAB RECENT ACTIVITIES

Table # 12 BOSCH HEALTHCARE SOLUTION GMBH PRODUCT PORTFOLIO

Table # 13 BOSCH HEALTHCARE SOLUTION GMBH RECENT ACTIVITIES

Table # 14 BRUKER CORPORATION PRODUCT PORTFOLIO

Table # 15 BRUKER CORPORATION RECENT ACTIVITIES

Table # 16 CARL ZEISS MEDITEC AG PRODUCT PORTFOLIO

Table # 17 CARL ZEISS MEDITEC AG RECENT ACTIVITIES

Table # 18 FLUOPTICS PRODUCT PORTFOLIO

Table # 19 FLUOPTICS RECENT ACTIVITIES

Table # 20 ROBERT BOSCH GMBHS PRODUCT PORTFOLIO

Table # 21 ROBERT BOSCH GMBHS RECENT ACTIVITIES

Table # 22 KARL STORZ GMBH & CO. KG CORPORATION PRODUCT PORTFOLIO

Table # 23 KARL STORZ GMBH & CO. KG CORPORATION RECENT ACTIVITIES

Table # 24 LI-COR INC. PRODUCT PORTFOLIO

Table # 25 LI-COR INC. RECENT ACTIVITIES

Table # 26 MILTENYI BIOTECH PRODUCT PORTFOLIO

- Table # 27 MILTENYI BIOTECH RECENT ACTIVITIES
- Table # 28 MIZUHO CORPORATION PRODUCT PORTFOLIO
- Table # 29 MIZUHO CORPORATION RECENT ACTIVITIES
- Table # 30 NOVADAQ TECHNOLOGIES INC. PRODUCT PORTFOLIO
- Table # 31 NOVADAQ TECHNOLOGIES INC. RECENT ACTIVITIES
- Table # 32 PERKINELMER INC. PRODUCT PORTFOLIO
- Table # 33 PERKINELMER INC. RECENT ACTIVITIES
- Table # 34 PROMEGA CORPORATION PRODUCT PORTFOLIO
- Table # 35 PROMEGA CORPORATION RECENT ACTIVITIES
- Table # 36 SAMSUNG TECHWIN PRODUCT PORTFOLIO
- Table # 37 SAMSUNG TECHWIN RECENT ACTIVITIES
- Table # 38 THERMO FISHER SCIENTIFIC PRODUCT PORTFOLIO
- Table # 39 THERMO FISHER SCIENTIFIC RECENT ACTIVITIES

List Of Figures

LIST OF FIGURES

Figure # 1 NORTH AMERICA MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 2 US MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 3 CANADA MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 4 EUROPEAN MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 5 UK MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 6 FRANCE MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 7 GERMANY MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 8 ITALY MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 9 SPAIN MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 10 ROE MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 11 ASIA PACIFIC MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 12 INDIA MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 13 CHINA MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 14 JAPAN MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 15 ROPAC MARKET RESEARCH AND ANALYSIS, 2015-2022

Figure # 16 REST OF THE WORLD MARKET RESEARCH AND ANALYSIS,
2015-2022

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