

# **Photomedicine Devices And Technologies Market Analysis By Application (Dermatology, Tattoo Removal, Hair Removal, Skin Resurfacing, Wound Healing, Pain Management, Oncology, Optical Diagnostics, Dental Procedures, Neonatal Jaundice, Seasonal Affective Disorder), By Technology (Laser, Polychromatic Polarized Light, Full Spectrum Light, Dichroic Lamps, Light Emitting Diodes), And Segment Forecasts To 2024**

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## **Abstracts**

The global photomedicine devices and technologies market was valued at USD 314.9 million in 2015 and is expected to reach a value of USD 470.8 million by 2024. Growing demand for minimally invasive aesthetic procedures is a key contributing factor toward the flourishing market growth. Rising concern amongst the youth regarding their physical and aesthetic appearance is a crucial factor responsible for this growth.

Moreover, benefits associated with the use of laser surgery, such as less recovery time, painless procedure, cost efficiency, and shorter length of hospital stay, are the factors expected to fuel the demand for minimally invasive aesthetic surgeries over the forecast period.

According to the report published by the American society of plastic surgeons, the total number of minimally invasive cosmetic procedures was 13,945,388 in 2014 and is expected to grow by 4% every year. Whereas, the number of procedures in the UK was 50,122 in 2013, which represents a growth of 17% as compared to the previous year. This represents the emergence of the laser-based cosmetic procedures, which in turn is

expected to continue boosting the demand for photomedicine devices in the coming years.

In addition, higher adoption of laser surgery in vision correction, body contouring, and in cancer treatment are anticipated to drive the sector growth over the forecast period.

Further Key Findings from the Study Suggest:

Oncology segment is expected to show lucrative growth in the near future due to the increasing global cancer incidence and government funding related to cancer research. In addition, the introduction of various photomedicine technologies in cancer treatment such as photodynamic therapy (PDT), immuno PDT, and fluorescence-guided surgery are anticipated to boost the usage rates in the coming years

Dichroic lamps are expected to gain popularity in the next 7 years due to their increasing medical application, such as their use in illuminating the organs during endoscopy. On the other hand, laser surgery is anticipated to show substantial growth during the forecast period due to its increasing adoption by healthcare professionals and the growing awareness levels amongst the end users regarding the merits of laser use in surgeries

For instance, miniature lasers and light emitting diodes, made up of biocompatible materials are used in optical sensing & therapy. Furthermore, the evolution of optogenetics has led to the development of highly efficient photonic devices with better level of integration achieved through neurological circuits thus enabling enhanced optical communication, which offer health monitoring and light activated in vivo therapies for disease treatment

Asia Pacific photomedicine devices market is anticipated to show lucrative growth during the forecast period. Increasing demand for minimally invasive aesthetic procedures, soaring geriatric population, ongoing cancer research, and the increasing healthcare spending are contributing toward the highest regional growth

The photomedicine devices market is oligopolistic in nature and is dominated by players such as Colorado Skin & Vein, THOR Photomedicine Ltd., Lumenis, QBMI Photomedicine, Alma Lasers Ltd., AngioDynamics, and PhotoMedex, Inc. Market players are focusing on strategies such as updating current products, product launches, acquisitions, and distribution agreements

For example, in May 2014, Spectranetics announced the acquisition of AngioScore, Inc., for USD 230 million. This acquisition led to the expansion of the sales & distribution network of the company and the expansion of the company's addressable market

## Contents

### **CHAPTER 1 RESEARCH METHODOLOGY & SCOPE**

- 1.1 Region Wise Market Calculation
  - 1.1.1 Region Wise Market: Base Estimates
  - 1.1.2 Global Market: CAGR Calculation
- 1.2 Region based segment share calculation
- 1.3 List of Secondary Sources

### **CHAPTER 2 EXECUTIVE SUMMARY**

### **CHAPTER 3 MARKET SNAPSHOT**

### **CHAPTER 4 MARKET VARIABLES, TRENDS& SCOPE**

- 4.1 Market segmentation& scope
  - 4.1.1 Market Driver Analysis
    - 4.1.1.1 Increasing geriatric population
    - 4.1.1.2 Emergence of advanced body contouring devices
    - 4.1.1.3 Growing demand for minimally invasive medical aesthetic technologies
    - 4.1.1.4 Rising awareness level
  - 4.1.2 Market Restraint Analysis
    - 4.1.2.1 Product safety and high cost of development
- 4.2 Penetration & Growth Prospect Mapping
- 4.3 Photomedicine Devices- PESTLE Analysis
- 4.4 Industry Analysis - Porter's

### **CHAPTER 5 MARKET CATEGORIZATION 1: APPLICATION ESTIMATES & TREND ANALYSIS**

- 5.1 Photomedicine Devices Market: Application Movement Analysis
- 5.2 Dermatology
  - 5.2.1 Dermatology market, 2013 - 2024 (USD Million)
  - 5.2.2 Tattoo removal
    - 5.2.2.1 Tattoo removal market, 2013 - 2024 (USD Million)
  - 5.2.3 Hair removal
    - 5.2.3.1 Hair removal market, 2013 - 2024 (USD Million)
  - 5.2.4 Skin resurfacing

- 5.2.4.1 Skin resurfacing market, 2013 - 2024 (USD Million)
- 5.3 Wound healing
  - 5.3.1 Wound healing market, 2013 - 2024 (USD Million)
- 5.4 Pain Management
  - 5.4.1 Pain management market, 2013 - 2024 (USD Million)
- 5.5 Oncology
  - 5.5.1 Oncology market, 2013 - 2024 (USD Million)
- 5.6 Optical Diagnostics
  - 5.6.1 Optical diagnostics market, 2013 - 2024 (USD Million)
- 5.7 Dental Procedures
  - 5.7.1 Dental procedures market, 2013 - 2024 (USD Million)
- 5.8 Others
  - 5.8.1 Others market, 2013 - 2024 (USD Million)

## **CHAPTER 6 MARKET CATEGORIZATION 2: TECHNOLOGY ESTIMATES & TREND ANALYSIS**

- 6.1 Photomedicine Devices Market: Technology Movement Analysis
- 6.2 Laser
  - 6.2.1 Laser market, 2013 - 2024 (USD Million)
- 6.3 Polychromatic Polarized Light
  - 6.3.1 Polychromatic polarized light market, 2013 - 2024 (USD Million)
- 6.4 Full Spectrum Light
  - 6.4.1 Full spectrum light market, 2013 - 2024 (USD Million)
- 6.5 Dichroic Lamps
  - 6.5.1 Dichroic lamps market, 2013 - 2024 (USD Million)
- 6.6 Light emitting diodes
  - 6.6.1 Light emitting diodes market, 2013 - 2024 (USD Million)

## **CHAPTER 7 MARKET CATEGORIZATION 3: REGIONAL ESTIMATES & TREND ANALYSIS, BY APPLICATION AND TECHNOLOGY**

- 7.1 Photomedicine devices market share by region, 2015 & 2024
- 7.2 North America
  - 7.2.1 North America photomedicine devices market, 2013 - 2024 (USD Million)
  - 7.2.2 U.S.
    - 7.2.2.1 U.S. photomedicine devices market, 2013 - 2024 (USD Million)
  - 7.2.3 Canada
    - 7.2.3.1 Canada photomedicine devices market, 2013 - 2024 (USD Million)

## 7.3 Europe

7.3.1 Europe photomedicine devices market, 2013 - 2024 (USD Million)

### 7.3.2 UK

7.3.2.1 UK photomedicine devices market, 2013 - 2024 (USD Million)

### 7.3.3 Germany

7.3.3.1 Germany photomedicine devices market, 2013 - 2024 (USD Million)

## 7.4 Asia Pacific

7.4.1 Asia Pacific photomedicine devices market, 2013 - 2024 (USD Million)

### 7.4.2 Japan

7.4.2.1 Japan photomedicine devices market, 2013 - 2024 (USD Million)

### 7.4.3 China

7.4.3.1 China photomedicine devices market, 2013 - 2024 (USD Million)

### 7.4.4 India

7.4.4.1 India photomedicine devices market, 2013 - 2024 (USD Million)

## 7.5 Latin America

7.5.1 Latin America photomedicine devices market, 2013 - 2024 (USD Million)

### 7.5.2 Brazil

7.5.2.1 Brazil photomedicine devices market, 2013 - 2024 (USD Million)

### 7.5.3 Mexico

7.5.3.1 Mexico photomedicine devices market, 2013 - 2024 (USD Million)

## 7.6 MEA

7.6.1 MEA photomedicine devices market, 2013 - 2024 (USD Million)

### 7.6.2 South Africa

7.6.2.1 South Africa photomedicine devices market, 2013 - 2024 (USD Million)

## CHAPTER 8 COMPETITIVE LANDSCAPE

### 8.1 Company Profiles

#### 8.1.1 THOR Photomedicine Ltd

8.1.1.1 Company Overview

8.1.1.2 Financial Performance

8.1.1.3 Product Benchmarking

8.1.1.4 Strategic Initiatives

#### 8.1.2 Lumenis Ltd.

8.1.2.1 Company Overview

8.1.2.2 Financial Performance

8.1.2.3 Product Benchmarking

8.1.2.4 Strategic Initiatives

#### 8.1.3 Colorado Skin & Vein

- 8.1.3.1 Company Overview
- 8.1.3.2 Financial Performance
- 8.1.3.3 Product Benchmarking
- 8.1.3.4 Strategic Initiatives
- 8.1.4 Alma Lasers Ltd
  - 8.1.4.1 Company Overview
  - 8.1.4.2 Financial Performance
  - 8.1.4.3 Product Benchmarking
  - 8.1.4.4 Strategic Initiatives
- 8.1.5 qbmi Photomedicine
  - 8.1.5.1 Company Overview
  - 8.1.5.2 Financial Performance
  - 8.1.5.3 Product Benchmarking
  - 8.1.5.4 Strategic Initiatives
- 8.1.6 AngioDynamics
  - 8.1.6.1 Company Overview
  - 8.1.6.2 Financial Performance
  - 8.1.6.3 Product Benchmarking
  - 8.1.6.4 Strategic Initiatives
- 8.1.7 Photomedex
  - 8.1.7.1 Company Overview
  - 8.1.7.2 Financial Performance
  - 8.1.7.3 Product Benchmarking
- 8.1.8 IRIDEX
  - 8.1.8.1 Company Overview
  - 8.1.8.2 Financial Performance
  - 8.1.8.3 Product Benchmarking
- 8.1.9 Spectranetics Syneron Medical
  - 8.1.9.1 Company Overview
  - 8.1.9.2 Financial Performance
  - 8.1.9.3 Product Benchmarking
  - 8.1.9.4 Strategic Initiatives
- 8.1.10 Syneron Medical
  - 8.1.10.1 Company Overview
  - 8.1.10.2 Financial Performance
  - 8.1.10.3 Product Benchmarking
  - 8.1.10.4 Strategic Initiatives

## LIST OF TABLE



TABLE 1 North America photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 2 North America dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 3 North America photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 4 U.S. photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 5 U.S. dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 6 U.S. photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 7 Canada photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 8 Canada dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 9 Canada photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 10 Europe photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 11 Europe dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 12 Europe photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 13 UK photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 14 UK dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 15 UK photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 16 Germany photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 17 Germany dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 18 Germany photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 19 Asia Pacific photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 20 Asia Pacific dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 21 Asia Pacific photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 22 Japan photomedicine devices market, by application, 2013 - 2024 (USD Million)

TABLE 23 Japan dermatology market, by type, 2013 - 2024 (USD Million)

TABLE 24 Japan photomedicine devices market, by technology, 2013 - 2024 (USD Million)

TABLE 25 China photomedicine devices market, by application, 2013 - 2024 (USD Million)



TABLE 26 China dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 27 China photomedicine devices market, by technology, 2013 - 2024 (USD Million)
TABLE 28 India photomedicine devices market, by application, 2013 - 2024 (USD Million)
TABLE 29 India dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 30 India photomedicine devices market, by technology, 2013 - 2024 (USD Million)
TABLE 31 Latin America photomedicine devices market, by application, 2013 - 2024 (USD Million)
TABLE 32 Latin America dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 33 Latin America photomedicine devices market, by technology, 2013 - 2024 (USD Million)
TABLE 34 Brazil photomedicine devices market, by application, 2013 - 2024 (USD Million)
TABLE 35 Brazil dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 36 Brazil photomedicine devices market, by technology, 2013 - 2024 (USD Million)
TABLE 37 Mexico photomedicine devices market, by application, 2013 - 2024 (USD Million)
TABLE 38 Mexico dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 39 Mexico photomedicine devices market, by technology, 2013 - 2024 (USD Million)
TABLE 40 MEA photomedicine devices market, by application, 2013 - 2024 (USD Million)
TABLE 41 MEA dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 42 MEA photomedicine devices market, by technology, 2013 - 2024 (USD Million)
TABLE 43 South Africa photomedicine devices market, by application, 2013 - 2024 (USD Million)
TABLE 44 South Africa dermatology market, by type, 2013 - 2024 (USD Million)
TABLE 45 South Africa photomedicine devices market, by technology, 2013 - 2024 (USD Million)

## List Of Figures

### LIST OF FIGURES

- FIG. 1 Market summary
- FIG. 2 Market trends & outlook
- FIG. 3 Market segmentation & scope
- FIG. 4 Market driver relevance analysis (Current & future impact)
- FIG. 5 Per capita health expenditure, USD, (2011 - 2014)
- FIG. 6 Usage of social media in healthcare.
- FIG. 7 Market restraint relevance analysis (Current & future impact)
- FIG. 8 Penetration & Growth Prospect Mapping
- FIG. 9 Photomedicine Devices PESTLE Analysis
- FIG. 10 Porter's Five Forces Analysis
- FIG. 11 Photomedicine devices market type outlook key takeaways
- FIG. 12 Photomedicine devices market: Application movement analysis
- FIG. 13 Dermatology market, 2013 - 2024 (USD Million)
- FIG. 14 Tattoo removal market, 2013 - 2024 (USD Million)
- FIG. 15 Global hair removal market, 2013 - 2024 (USD Million)
- FIG. 16 Global skin resurfacing market, 2013 - 2024 (USD Million)
- FIG. 17 Wound healing market, 2013 - 2024 (USD Million)
- FIG. 18 Pain management market, 2013 - 2024 (USD Million)
- FIG. 19 Oncology market, 2013 - 2024 (USD Million)
- FIG. 20 Optical diagnostics market, 2013 - 2024 (USD Million)
- FIG. 21 Dental procedures market, 2013 - 2024 (USD Million)
- FIG. 22 Others market, 2013 - 2024 (USD Million)
- FIG. 23 Photomedicine devices market technology outlook key takeaways
- FIG. 24 Photomedicine devices market: Technology movement analysis
- FIG. 25 Global laser market, 2013 - 2024 (USD Million)
- FIG. 26 Polychromatic polarized light market, 2013 - 2024 (USD Million)
- FIG. 27 Global full spectrum light market, 2013 - 2024 (USD Million)
- FIG. 28 Global dichroic lamps market, 2013 - 2024 (USD Million)
- FIG. 29 Global light emitting diodes market, 2013 - 2024 (USD Million)
- FIG. 30 Regional market place: Key takeaways
- FIG. 31 Regional outlook, 2015 & 2024
- FIG. 32 North America photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 33 U.S. photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 34 Canada photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 35 Europe photomedicine devices market, 2013 - 2024 (USD Million)

- FIG. 36 UK photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 37 Germany photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 38 Asia Pacific photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 39 Japan photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 40 China photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 41 India photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 42 Latin America photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 43 Brazil photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 44 Mexico photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 45 MEA photomedicine devices market, 2013 - 2024 (USD Million)
- FIG. 46 South Africa photomedicine devices market, 2013 - 2024 (USD Million)

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