

Infant Phototherapy Devices Market Report by Light Source (Fluorescent Lamps (FL), Light-Emitting Diodes (LEDs), Quartz Halogen Lamps, Gas Discharge Tubes), Configuration (Mobile Device, Fixed Device), End User (Hospital, Neonatal Clinics), and Region 2024-2032

<https://marketpublishers.com/r/I91698316288EN.html>

Date: September 2024

Pages: 136

Price: US\$ 3,509.00 (Single User License)

ID: I91698316288EN

Abstracts

The global infant phototherapy devices market size reached US\$ 89.4 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 123.2 Million by 2032, exhibiting a growth rate (CAGR) of 3.5% during 2024-2032.

Infant phototherapy devices are clinically proven and technologically advanced instruments that assist in treating neonatal jaundice. They also help cure hyperbilirubinemia by irradiating the infant with light that oxidizes the bilirubin in the blood. They prevent neurotoxic effects of high serum unconjugated bilirubin and reduce the need for exchange transfusion in neonates. They are either wrapped around and placed under or close to the baby and equipped with an hour meter to record bulb life and infant treatment time. As they are convenient and cost-effective, their application is increasing in hospitals and nursing homes across the globe.

Infant Phototherapy Devices Market Trends:

There is a rise in the prevalence of jaundice, especially among premature babies, on account of enzyme deficiency, infections, liver problems, and abnormality in red blood cells. This, in confluence with significant developments in the healthcare infrastructure around the world, represents one of the key factors bolstering the growth of the market. Infant phototherapy devices rely on light absorbed by an infant's skin to break down

bilirubin into compounds. Apart from this, these devices cause the imbalance of thermal environment and water loss, electrolyte disturbance, bronze baby syndrome and circadian rhythm disorder. As a result, key players are developing new light devices and alternative agents to minimize the side effects of phototherapy, which is impelling the market growth. Furthermore, they are introducing proper eye protection that is easy to use, economical, removable, and appropriate for newborns. This, along with the innovation of effective, energy-efficient, and easy to move and clean devices, is positively influencing the utilization of infant phototherapy devices in rural hospitals with limited resources and inexperienced staff.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global infant phototherapy devices market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on light source, configuration and end user.

Breakup by Light Source:

Fluorescent Lamps (FL)

Light-Emitting Diodes (LEDs)

Quartz Halogen Lamps

Gas Discharge Tubes

Breakup by Configuration:

Mobile Device

Fixed Device

Breakup by End User:

Hospital

Neonatal Clinics

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Atom Medical Corporation, AVI Healthcare Private Limited, Equalize Health, General Electric Company, Ibis Medical Equipment and Systems Pvt Ltd, Natus Medical Incorporated, Ningbo David Medical Device Company Limited, NOVOS Medical Systems, Weyer GmbH and Zhengzhou Dison Instrument and Meter Co. Ltd.

Key Questions Answered in This Report:

How has the global infant phototherapy devices market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global infant phototherapy devices market?

What are the key regional markets?

What is the breakup of the market based on the light source?

What is the breakup of the market based on the configuration?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global infant phototherapy devices market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL INFANT PHOTOTHERAPY DEVICES MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY LIGHT SOURCE

- 6.1 Fluorescent Lamps (FL)
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Light-Emitting Diodes (LEDs)
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Quartz Halogen Lamps

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Gas Discharge Tubes
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY CONFIGURATION

- 7.1 Mobile Device
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Fixed Device
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Hospital
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Neonatal Clinics
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends

- 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Atom Medical Corporation

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.2 AVI Healthcare Private Limited

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Equalize Health

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 General Electric Company

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 Ibis Medical Equipment and Systems Pvt Ltd

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Natus Medical Incorporated

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 Ningbo David Medical Device Company Limited

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.8 NOVOS Medical Systems

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.9 Weyer GmbH

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.10 Zhengzhou Dison Instrument and Meter Co. Ltd

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Infant Phototherapy Devices Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Infant Phototherapy Devices Market Forecast: Breakup by Light Source (in Million US\$), 2024-2032

Table 3: Global: Infant Phototherapy Devices Market Forecast: Breakup by Configuration (in Million US\$), 2024-2032

Table 4: Global: Infant Phototherapy Devices Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 5: Global: Infant Phototherapy Devices Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Infant Phototherapy Devices Market: Competitive Structure

Table 7: Global: Infant Phototherapy Devices Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Infant Phototherapy Devices Market: Major Drivers and Challenges

Figure 2: Global: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018-2023

Figure 3: Global: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 4: Global: Infant Phototherapy Devices Market: Breakup by Light Source (in %), 2023

Figure 5: Global: Infant Phototherapy Devices Market: Breakup by Configuration (in %), 2023

Figure 6: Global: Infant Phototherapy Devices Market: Breakup by End User (in %), 2023

Figure 7: Global: Infant Phototherapy Devices Market: Breakup by Region (in %), 2023

Figure 8: Global: Infant Phototherapy Devices (Fluorescent Lamps-FL) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Infant Phototherapy Devices (Fluorescent Lamps-FL) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Infant Phototherapy Devices (Light-Emitting Diodes-LEDs) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Infant Phototherapy Devices (Light-Emitting Diodes-LEDs) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Infant Phototherapy Devices (Quartz Halogen Lamps) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Infant Phototherapy Devices (Quartz Halogen Lamps) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Infant Phototherapy Devices (Gas Discharge Tubes) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Infant Phototherapy Devices (Gas Discharge Tubes) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Infant Phototherapy Devices (Mobile Device) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Infant Phototherapy Devices (Mobile Device) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Infant Phototherapy Devices (Fixed Device) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Infant Phototherapy Devices (Fixed Device) Market Forecast: Sales

Value (in Million US\$), 2024-2032

Figure 20: Global: Infant Phototherapy Devices (Hospital) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Infant Phototherapy Devices (Hospital) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Infant Phototherapy Devices (Neonatal Clinics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Infant Phototherapy Devices (Neonatal Clinics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: North America: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: North America: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: United States: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: United States: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Canada: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Canada: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Asia-Pacific: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Asia-Pacific: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: China: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: China: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: Japan: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Japan: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: India: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: India: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: South Korea: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: South Korea: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Australia: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Australia: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: Indonesia: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Indonesia: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Others: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Others: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Europe: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Europe: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: Germany: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: Germany: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: France: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: France: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: United Kingdom: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: United Kingdom: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Italy: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Italy: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Spain: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Spain: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Russia: Infant Phototherapy Devices Market: Sales Value (in Million US\$),

2018 & 2023

Figure 59: Russia: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: Others: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: Others: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: Latin America: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: Latin America: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Brazil: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Brazil: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Mexico: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Mexico: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Others: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Others: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Middle East and Africa: Infant Phototherapy Devices Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Middle East and Africa: Infant Phototherapy Devices Market: Breakup by Country (in %), 2023

Figure 72: Middle East and Africa: Infant Phototherapy Devices Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Global: Infant Phototherapy Devices Industry: SWOT Analysis

Figure 74: Global: Infant Phototherapy Devices Industry: Value Chain Analysis

Figure 75: Global: Infant Phototherapy Devices Industry: Porter's Five Forces Analysis

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