

Global Low Temperature Sterilization Market: Industry Analysis & Outlook (2018-2022)

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Abstracts

Sterilization refers to the process of removing micro-organisms and other pathogens from an object or surface with the help of chemical and radiation treatments or subjecting the object to high heat. Sterilization of medical equipments is needed to achieve the desired result of a medical surgery or any medical operation requiring medical equipments. Use of non-sterile instruments or devices leads to increased infection rates, increased patients stays, increased costs and potentially increased mortality rates. Sterile processing department of the hospital takes care of the reprocessing of used or contaminated medical devices. Reprocessing is a procedure of cleaning medical devices to remove soil and other contaminants by using sterilizer or disinfectant.

There are two ways to sterilize a medical instrument or device: Steam sterilization and Low temperature sterilization. Low temperature sterilization is ideal for sterilizing delicate medical devices, especially minimally invasive surgical devices. Low-temperature sterilization techniques such as cold vapor, gas, and liquid chemicals, are used on these devices. There are four methods available for low temperature sterilization.

The U.S. is a major contributor to the global low temperature sterilization market supported by increased ageing population, growing number of endoscopic surgeries and incidences of healthcare associated infections.

The global low temperature sterilization market is expected to grow in future due to increasing ageing population, healthcare expenditure, hospital admissions and outpatient visits and occurrence of superbugs. Key trends of this market include increasing growing number of surgical procedures in the U.S., leading causes of death

in the U.S. and rising innovations in surgical procedures. However, there are some factors which can hinder the market growth including stringent legal norms.

The report “Global Low Temperature Sterilization Market: Industry Analysis & Outlook (2018-2022)” by Koncept Analytics provides an extensive research and detailed analysis of the present market along with future outlook. The report discusses the major growth drivers and challenges of the market, covering the U.S. and Europe region along with the global market. The report profiles the key players of the market including Johnson & Johnson, 3M, Getinge and Steris Plc.

Contents

1. OVERVIEW

- 1.1 Sterilization
- 1.2 Low Temperature Sterilization
- 1.3 Types of Low Temperature Sterilization
- 1.4 Advantages and Disadvantages of Sterilization

2. INFECTION PREVENTION MARKET

- 2.1 Global Infection Prevention Market by Value
- 2.2 Global Infection Prevention Market Value Forecast
- 2.3 The U.S. Infection Prevention Market by Value
- 2.4 The U.S. Infection Prevention Market Value Forecast

3. GLOBAL LOW TEMPERATURE STERILIZATION MARKET

- 3.1 Low Temperature Sterilization Market by Value
- 3.2 Low Temperature Sterilization Market Value Forecast
- 3.3 Low Temperature Sterilization Market by Region
- 3.4 Low Temperature Sterilization Device Market Volume Forecast
- 3.5 Low Temperature Sterilization Device Market- Annual Replacement Value
- 3.6 Low Temperature Sterilization Device Market- Annual Replacement Value Forecast

4. REGIONAL LOW TEMPERATURE STERILIZATION MARKET

- 4.1 The U.S.
 - 4.1.1 The U.S. Low Temperature Sterilization Market by Value
 - 4.1.2 The U.S. Low Temperature Sterilization Market Value Forecast
 - 4.1.3 The U.S. Low Temperature Sterilization Device Market Volume Forecast
 - 4.1.4 The U.S. Low Temperature Sterilization Device Market-Annual Replacement Value Forecast
- 4.2 Europe
 - 4.2.1 Europe Low Temperature Sterilization Market by Value
 - 4.2.2 Europe Low Temperature Sterilization Market Value Forecast
 - 4.2.3 Europe Low Temperature Sterilization Market Volume Forecast
 - 4.2.4 Europe Low Temperature Sterilization Market-Annual Replacement Value Forecast

4.3 ROW

4.3.1 ROW Low Temperature Sterilization Market by Value

4.3.2 ROW Low Temperature Sterilization Market Value Forecast

4.3.3 ROW Low Temperature Sterilization Market Volume Forecast

4.3.4 ROW Low Temperature Sterilization Market-Annual Replacement Value Forecast

5. MARKET DYNAMICS

5.1 Growth Drivers

5.1.1 Increasing Healthcare Expenditure

5.1.2 Growth in Hospital Admissions

5.1.3 Rising Ageing Population

5.1.4 Increasing Outpatient Visits

5.1.5 Increasing Healthcare Associated Infections

5.1.6 Occurrence of Superbugs

5.2 Key Trends

5.2.1 Growing Number of Surgical Procedures

5.2.2 Leading Causes of Death in The U.S

5.2.3 Rising Innovations in Surgical Procedures

5.3 Challenges

5.3.1 Legal Regulations

6. COMPETITION

6.1 Global Market

6.1.1 Revenue Comparison of Key Players

6.1.2 Market Cap Comparison of Key Players

6.2 Evaluation of Low Temperature Sterilizers by Company

6.3 Competition in Medical Sterilization by Business Emphasis

7. COMPANY PROFILES

7.1 Johnson & Johnson

7.1.1 Business Overview

7.1.2 Financial Overview

7.1.3 Business Strategies

7.2 3M

7.2.1 Business Overview

7.2.2 Financial Overview

7.2.3 Business Strategies

7.3 Getinge

7.3.1 Business Overview

7.3.2 Financial Overview

7.3.3 Business Strategies

7.4 Steris Plc

7.4.1 Business Overview

7.4.2 Financial Overview

7.4.3 Business Strategies

List Of Charts

LIST OF CHARTS

Types of Sterilization

Types of Low Temperature Sterilization

Global Infection Prevention Market by Value (2013-2017)

Global Infection Prevention Market Value Forecast (2018-2022)

The U.S. Infection Prevention Market by Value (2013-2017)

The U.S. Infection Prevention Market Value Forecast (2018-2022)

Global Low Temperature Sterilization Market by Value (2013-2017)

Global Low Temperature Sterilization Market Value Forecast (2018-2022)

Global Low Temperature Sterilization Market by Region (2017)

Global Low Temperature Sterilization Device Market Volume Forecast (2017-2022)

Global Low Temperature Sterilization Device Market- Annual Replacement Value
(2013-2017)

Global Low Temperature Sterilization Device Market- Annual Replacement Value
Forecast

(2018-2022)

The U.S. Low Temperature Sterilization Market by Value (2013-2017)

The U.S. Low Temperature Sterilization Market Value Forecast (2018-2022)

The U.S. Low Temperature Sterilization Device Market Volume Forecast (2017-2022)

The U.S. Low Temperature Sterilization Device Market-Annual Replacement Value
Forecast (2017-2022)

Europe Low Temperature Sterilization Market by Value (2013-2017)

Europe Low Temperature Sterilization Market Value Forecast (2018-2022)

Europe Low Temperature Sterilization Market Volume Forecast (2017-2022)

Europe Low Temperature Sterilization Market-Annual Replacement Value Forecast
(2017-2022)

ROW Low Temperature Sterilization Market by Value (2013-2017)

ROW Low Temperature Sterilization Market Value Forecast (2018-2022)

ROW Low Temperature Sterilization Market Volume Forecast (2017-2022)

ROW Low Temperature Sterilization Market-Annual Replacement Value Forecast
(2017-2022)

Global Healthcare Expenditure per Capita (2013-2017)

Global Hospital Admissions (2013-2022)

Global Ageing Population (2013-2017)

Global Outpatient Visits (2013-2022)
The U.S. Healthcare Associated Infections (2013-2022)
Deaths from Drug Resistant Infections Forecast (2050)
The U.S. Surgical Procedures (2013-2022)
Most Common Causes of Death in the U.S. (2017)
Market Cap Comparison of Key Players
Johnson & Johnson Revenue by Product Segment (2016)
Johnson & Johnson Revenue and Net Earnings (2012-2016)
Johnson & Johnson Research and Development Expenditure (2013-2016)
3M SALES BY SEGMENT (2017)
3M NET SALES AND NET INCOME (2013-2017)
3M R&D EXPENDITURE (2015-2017)
Getinge Sales by Segment (2016)
Getinge Net Sales and Profit (2012-2016)
Steris Plc Revenue by Segment (2017)
Steris Plc Revenue and Net Income (2013-2017)
Steris Plc R&D Expenditure (2015-2017)

List Of Tables

LIST OF TABLES

Low Temperature Sterilization Methods

Advantages and Disadvantages of Types of Sterilization

Revenue Comparison of Key Players (2017/2016)

Evaluation of Low Temperature Sterilizers by Company

Competition in Medical Sterilization by Business Emphasis

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