

# 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.

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