

Cold Plasma Market Size, Share & Trends Analysis Report By Pressure (Atmospheric, Low-pressure Cold Plasma), By Application (Cancer Treatment, Wound Healing, Blood Coagulation), And Segment Forecasts, 2019 - 2026

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Abstracts

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The global cold plasma market size is expected to reach USD 198.50 million by 2026 at a strong CAGR of 15.2%, according to a new report by Grand View Research, Inc. Increasing use of cold plasma in medical treatment and rising cases of Hospital-Acquired Infections (HAI) are the key driving factors for the global market. In healthcare industry, plasma technology has been in use for some time and it continues to help improve various treatments. One of the major properties of cold plasma is the ability to kill bacteria and prevent infection. Therefore, it acts as an effective healing solution. It also accelerates healing process and prevent patient from discomfort.

Cold plasma is used in the treatment of chronic wounds and burns. The bacterial cells, including Multidrug Resistant (MDR) bacteria, are instantly killed after being exposed to cold plasma. As per an article published by the Medical Xpress, Med Tech Europe, around 4.0 million people in Europe suffer from non-healing wounds every year. It also reported that a burn patient in Germany was treated using prototype plasma treatment. Moreover, as per a research published by The National Center for Biotechnology Information (NCBI), a patient suffering with two second-degree burns was treated with cold plasma, which healed the itching and pain and presented new tissue after the second treatment. Such cases are anticipated to promote the usage of cold plasma in various wound treatments.

Further key findings from the study suggest:

In terms of revenue, atmospheric pressure segment is projected to ascend at the fastest CAGR over the forecast period due to rising application scope in various medical procedures

Wound healing application segment is expected to witness a significant growth over the forecast period

Asia Pacific region is estimated to witness the highest growth due to increased adoption of technologically advanced procedures for treatment of various diseases

Rise in disposable income levels and growing target population base are also likely to contribute to the region's development

Some of the key companies in the global cold plasma market are U.S. Medical Innovations, LLC, Bovie Medical Corporation, Neoplas Tools GmbH, Europlasma N.V., and P2i Limited

Contents

CHAPTER 1 REPORT SCOPE

- 1.1 Segment Market Scope
- 1.2 Regional Scope
- 1.3 Estimates and Forecast Timeline

CHAPTER 2 METHODOLOGY

- 2.1 Research Methodology
 - 2.1.1 Information procurement
- 2.2 Information or Data Analysis
- 2.3 Market Formulation & Validation
- 2.4 Region Wise Market Calculation
 - 2.4.1 Region Wise Market: Base Estimates
 - 2.4.2 Global Market: CAGR Calculation
- 2.5 Region Based Segment Share Calculation
- 2.6 Model Details
 - 2.6.1 Commodity flow analysis (Model 1)
 - 2.6.2 Volume price analysis (model 2)
- 2.7 List of Secondary Sources
- 2.8 List of Abbreviations

CHAPTER 3 OBJECTIVES

- 3.1 Objective - 1: Understanding the market dynamics
- 3.2 Objective - 2: Understanding the market estimates and forecasts
- 3.3 Objective - 3: Understanding the strategy framework and competitor categorization
- 3.4 Objective - 4: Understanding the scope of the market

CHAPTER 4 EXECUTIVE SUMMARY

- 4.1 Market Snapshot

CHAPTER 5 MARKET DEFINITION

CHAPTER 6 INDUSTRY OUTLOOK

- 6.1 Market Segmentation
- 6.2 Market Variable Analysis
 - 6.2.1 Market driver analysis
 - 6.2.1.1 Increasing use of cold plasma in medical treatment
 - 6.2.1.2 Increasing hospital acquired infections (HAI)
 - 6.2.2 Market restraint analysis
 - 6.2.2.1 Lack of awareness about cold plasma technology
 - 6.2.3 Penetration and growth prospect mapping
- 6.3 Penetration & Growth Prospect Mapping
- 6.4 Business Environment Analysis tools
 - 6.4.1 SWOT Analysis, by PEST
 - 6.4.2 Porter's five forces analysis

CHAPTER 7 PRESSURE SEGMENT ANALYSIS

- 7.1 Cold Plasma Market: Pressure Movement Analysis
- 7.2 Low-Pressure Cold Plasma
 - 7.2.1 Low-pressure cold plasma market, 2014-2026 (USD Million)
- 7.3 Atmospheric Cold Plasma
 - 7.3.1 Atmospheric cold plasma market, 2014-2026 (USD Million)

CHAPTER 8 APPLICATION SEGMENT ANALYSIS

- 8.1 Cold Plasma Market: Application Movement Analysis
- 8.2 Wound Healing
 - 8.2.1 Wound healing market, 2014-2026 (USD Million)
- 8.3 Blood Coagulation
 - 8.3.1 Blood coagulation market, 2014-2026 (USD Million)
- 8.4 Dentistry
 - 8.4.1 Dentistry market, 2014-2026 (USD Million)
- 8.5 Cancer Treatment
 - 8.5.1 Cancer treatment market, 2014-2026 (USD Million)
- 8.6 Other Medical Applications
 - 8.6.1 Other medical applications market, 2014-2026 (USD Million)

CHAPTER 9 REGIONAL OUTLOOK

- 9.1 Cold Plasma Market Share by Region, 2016 & 2026
- 9.2 North America

9.2.1 North America cold plasma market, 2014 - 2026 (USD Million)

9.2.2 U.S.

9.2.2.1 U.S. cold plasma market, 2014 - 2026 (USD Million)

9.2.3 Canada

9.2.3.1 Canada cold plasma market, 2014 - 2026 (USD Million)

9.3 Europe

9.3.1 Europe cold plasma market, 2014 - 2026 (USD Million)

9.3.2 U.K.

9.3.2.1 U.K. cold plasma market, 2014 - 2026 (USD Million)

9.3.3 Germany

9.3.3.1 Germany cold plasma market, 2014 - 2026 (USD Million)

9.4 Asia Pacific

9.4.1 Asia Pacific cold plasma market, 2014 - 2026 (USD Million)

9.4.2 Japan

9.4.2.1 Japan cold plasma market, 2014 - 2026 (USD Million)

9.4.3 China

9.4.3.1 China cold plasma market, 2014 - 2026 (USD Million)

9.5 Latin America

9.5.1 Latin America cold plasma market, 2014 - 2026 (USD Million)

9.5.2 Brazil

9.5.2.1 Brazil cold plasma market, 2014 - 2026 (USD Million)

9.5.3 Mexico

9.5.3.1 Mexico cold plasma market, 2014 - 2026 (USD Million)

9.6 MEA

9.6.1 MEA cold plasma market, 2014 - 2026 (USD Million)

9.6.2 South Africa

9.6.2.1 South Africa cold plasma market, 2014 - 2026 (USD Million)

CHAPTER 10 COMPANY PROFILES

10.1 US Medical Innovations, LLC

10.1.1 Company overview

10.1.2 Product benchmarking

10.1.3 Strategic initiatives

10.2 Bovie Medical Corporation

10.2.1 Company overview

10.2.2 Financial performance

10.2.3 Product benchmarking

10.2.4 Strategic initiatives

- 10.3 neoplas tools GmbH
 - 10.3.1 Company overview
 - 10.3.2 Product benchmarking
- 10.4 Europlasma NV
 - 10.4.1 Company overview
 - 10.4.2 Product benchmarking
 - 10.4.3 Strategic initiatives
- 10.5 P2i Limited
 - 10.5.1 Company overview
 - 10.5.2 Product benchmarking

List Of Tables

LIST OF TABLES

- Table 1 Global Cold plasma Market, by Region, 2014 - 2026 (USD Million)
- Table 2 Global Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 3 Global Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 4 North America Cold plasma Market, by Region, 2014 - 2026 (USD Million)
- Table 5 North America Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 6 North America Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 7 U.S. Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 8 U.S. Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 9 Canada Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 10 Canada Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 11 Europe Cold plasma Market, by Region, 2014 - 2026 (USD Million)
- Table 12 Europe Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 13 Europe Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 14 U.K. Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 15 U.K. Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 16 Germany Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 17 Germany Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 18 Asia Pacific Cold plasma Market, by Region, 2014 - 2026 (USD Million)
- Table 19 Asia Pacific Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 20 Asia Pacific Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 21 Japan Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 22 Japan Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 23 China Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 24 China Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 25 Latin America Cold plasma Market, by Region, 2014 - 2026 (USD Million)
- Table 26 Latin America Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 27 Latin America Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 28 Brazil Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 29 Brazil Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 30 Mexico Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)
- Table 31 Mexico Cold plasma Market, by Application, 2014 - 2026 (USD Million)
- Table 32 Middle East & Africa Cold plasma Market, by Region, 2014 - 2026 (USD Million)
- Table 33 Middle East & Africa Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)

Table 34 Middle East & Africa Cold plasma Market, by Application, 2014 - 2026 (USD Million)

Table 35 South Africa Cold plasma Market, by Pressure, 2014 - 2026 (USD Million)

Table 36 South Africa Cold plasma Market, by Application, 2014 - 2026 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Information procurement
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 Value chain based sizing & forecasting
- Fig. 6 QFD modelling for market share assessment
- Fig. 7 Market formulation & validation
- Fig. 8 Market summary
- Fig. 9 Cold plasma market segmentation
- Fig. 10 Market driver relevance analysis (Current & future impact)
- Fig. 11 Effect of cold plasma on ENT pathogens
- Fig. 12 Market restraint relevance analysis (Current & future impact)
- Fig. 13 Penetration & growth prospect mapping
- Fig. 14 SWOT analysis, by factor (political & legal, economic and technological)
- Fig. 15 Porter's five forces analysis
- Fig. 16 Cold plasma market pressure outlook: Key takeaways
- Fig. 17 Cold plasma market: Pressure movement analysis
- Fig. 18 Low-pressure cold plasma market, 2014 - 2026 (USD Million)
- Fig. 19 Atmospheric cold plasma market, 2014 - 2026 (USD Million)
- Fig. 20 Cold plasma market application outlook: Key takeaways
- Fig. 21 Cold plasma market: Application movement analysis
- Fig. 22 Wound healing market, 2014 - 2026 (USD Million)
- Fig. 23 Blood coagulation market, 2014 - 2026 (USD Million)
- Fig. 24 Dentistry market, 2014 - 2026 (USD Million)
- Fig. 25 Cancer treatment market, 2014 - 2026 (USD Million)
- Fig. 26 Other medical applications market, 2014 - 2026 (USD Million)
- Fig. 27 Regional market place: Key takeaways
- Fig. 28 Regional outlook, 2017 & 2026
- Fig. 29 North America cold plasma market, 2014 - 2026 (USD Million)
- Fig. 30 U.S. cold plasma market, 2014 - 2026 (USD Million)
- Fig. 31 Canada cold plasma market, 2014 - 2026 (USD Million)
- Fig. 32 Europe cold plasma market, 2014 - 2026 (USD Million)
- Fig. 33 U.K.. cold plasma market, 2014 - 2026 (USD Million)
- Fig. 34 Germany cold plasma market, 2014 - 2026 (USD Million)
- Fig. 35 Asia Pacific cold plasma market, 2014 - 2026 (USD Million)

Fig. 36 Japan cold plasma market, 2014 - 2026 (USD Million)

Fig. 37 China cold plasma market, 2014 - 2026 (USD Million)

Fig. 38 Latin America cold plasma market, 2014 - 2026 (USD Million)

Fig. 39 Brazil cold plasma market, 2014 - 2026 (USD Million)

Fig. 40 Mexico cold plasma market, 2014 - 2026 (USD Million)

Fig. 41 MEA cold plasma market, 2014 - 2026 (USD Million)

Fig. 42 South Africa cold plasma market, 2014 - 2026 (USD Million)

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