

# **Global Extracorporeal CO2 Removal Devices market Size study, by Product (Extracorporeal CO2 Devices, Disposables, and Others), Application (Chronic Obstructive Pulmonary Disease (COPD), Acute Respiratory Distress Syndrome (ARDS), Bridge to Lung Transplant, and Others), End User (Hospitals and Clinics, Ambulatory Surgical Centers, and Others) and Regional Forecasts 2022-2028**

<https://marketpublishers.com/r/G500A0EC238BEN.html>

Date: September 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G500A0EC238BEN

## **Abstracts**

Global Extracorporeal CO2 Removal Devices market is valued at approximately USD XXX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. Artificial gas exchange takes a different route with extracorporeal carbon dioxide removal (ECCO2R). When a person has increased blood levels of carbon dioxide as a result of respiratory failure, extracorporeal carbon dioxide removal is used to reduce those levels.

The market growth is driven by increasing prevalence of COPD and other diseases and increasing numbers of product launches and approvals. For instance, according to a research study released in February 2021 and titled 'Burden of COPD among population above 30 years in India: methodology for a systematic review and suggested meta-analysis,' the estimated overall prevalence of COPD in low- and middle-income countries was 9.2%, and meta-analysis indicated that the prevalence of COPD among persons aged 30 years and over was 10.6% in low- and middle-income countries. Alung Technologies also received De Novo Clearance for the hemolung respiratory system in November 2021. The FDA has authorized this system as the first ECCO2R product. X-COR Therapeutics completed a fundraising round of around 2.6 million in November 2020. This business plans to use these funds to continue developing its products, which

include ECCO2R devices. Moreover, increasing cases of respiratory emergencies and chronic obstructive pulmonary disease and rising preference for safe and rapid minimally invasive ventilation devices propel the market opportunities in the upcoming years. However, risks of complications during extracorporeal CO2 removal therapy impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Extracorporeal CO2 Removal Devices Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is leading the overall market revenue share owing to improved healthcare infrastructure and high adoption of extracorporeal CO2 removal devices. However, Asia Pacific is expected to be the fastest growing region due to rising awareness regarding acute respiratory failure and increasing government healthcare expenditure in developing countries.

Major market players included in this report are:

Medtronic  
Getinge AB  
Xenios AG  
Alung Technologies  
ESTOR S.P.A  
Medica Spa  
Aferectica Srl

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Application offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Extracorporeal CO2 Devices  
Disposables  
Others

By Application:

Chronic Obstructive Pulmonary Disease (COPD)

Acute Respiratory Distress Syndrome (ARDS)

Bridge to Lung Transplant

Others

By End User:

Hospitals and Clinics

Ambulatory Surgical Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Extracorporeal CO2 Removal Devices market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
  - 1.2.1. Extracorporeal CO2 Removal Devices Market, by region, 2020-2028 (USD Million)
  - 1.2.2. Extracorporeal CO2 Removal Devices Market, by Product, 2020-2028 (USD Million)
  - 1.2.3. Extracorporeal CO2 Removal Devices Market, by Application, 2020-2028 (USD Million)
  - 1.2.4. Extracorporeal CO2 Removal Devices Market, by End User, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET DYNAMICS

- 3.1. Extracorporeal CO2 Removal Devices Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing prevalence of COPD and other diseases
    - 3.1.1.2. Increasing numbers of product launches and approvals
  - 3.1.2. Market Challenges
    - 3.1.2.1. Risks of complications during extracorporeal co2 removal therapy
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increasing cases of respiratory emergencies and chronic obstructive

pulmonary disease

3.1.3.2. Rising preference for safe and rapid minimally invasive ventilation devices

## **CHAPTER 4. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET INDUSTRY ANALYSIS**

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)

4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

4.3. Investment Adoption Model

4.4. Analyst Recommendation & Conclusion

4.5. Top investment opportunity

4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET, BY PRODUCT**

6.1. Market Snapshot

6.2. Global Extracorporeal CO2 Removal Devices Market by Product, Performance - Potential Analysis

6.3. Global Extracorporeal CO2 Removal Devices Market Estimates & Forecasts by Product, 2018-2028 (USD Million)

6.4. Extracorporeal CO2 Removal Devices Market, Sub Segment Analysis

6.4.1. Extracorporeal CO2 Devices

6.4.2. Disposables

### 6.4.3. Others

## **CHAPTER 7. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET, BY APPLICATION**

### 7.1. Market Snapshot

### 7.2. Global Extracorporeal CO2 Removal Devices Market by Application, Performance - Potential Analysis

### 7.3. Global Extracorporeal CO2 Removal Devices Market Estimates & Forecasts by Application, 2018-2028 (USD Million)

### 7.4. Extracorporeal CO2 Removal Devices Market, Sub Segment Analysis

#### 7.4.1. Chronic Obstructive Pulmonary Disease (COPD)

#### 7.4.2. Acute Respiratory Distress Syndrome (ARDS)

#### 7.4.3. Bridge to Lung Transplant

#### 7.4.4. Others

## **CHAPTER 8. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET, BY END USER**

### 8.1. Market Snapshot

### 8.2. Global Extracorporeal CO2 Removal Devices Market by End User, Performance - Potential Analysis

### 8.3. Global Extracorporeal CO2 Removal Devices Market Estimates & Forecasts by End User, 2018-2028 (USD Million)

### 8.4. Extracorporeal CO2 Removal Devices Market, Sub Segment Analysis

#### 8.4.1. Hospitals and Clinics

#### 8.4.2. Ambulatory Surgical Centers

#### 8.4.3. Others

## **CHAPTER 9. GLOBAL EXTRACORPOREAL CO2 REMOVAL DEVICES MARKET, REGIONAL ANALYSIS**

### 9.1. Extracorporeal CO2 Removal Devices Market, Regional Market Snapshot

### 9.2. North America Extracorporeal CO2 Removal Devices Market

#### 9.2.1. U.S. Extracorporeal CO2 Removal Devices Market

##### 9.2.1.1. Product breakdown estimates & forecasts, 2018-2028

##### 9.2.1.2. Application breakdown estimates & forecasts, 2018-2028

##### 9.2.1.3. End User breakdown estimates & forecasts, 2018-2028

#### 9.2.2. Canada Extracorporeal CO2 Removal Devices Market

- 9.3. Europe Extracorporeal CO2 Removal Devices Market Snapshot
  - 9.3.1. U.K. Extracorporeal CO2 Removal Devices Market
  - 9.3.2. Germany Extracorporeal CO2 Removal Devices Market
  - 9.3.3. France Extracorporeal CO2 Removal Devices Market
  - 9.3.4. Spain Extracorporeal CO2 Removal Devices Market
  - 9.3.5. Italy Extracorporeal CO2 Removal Devices Market
  - 9.3.6. Rest of Europe Extracorporeal CO2 Removal Devices Market
- 9.4. Asia-Pacific Extracorporeal CO2 Removal Devices Market Snapshot
  - 9.4.1. China Extracorporeal CO2 Removal Devices Market
  - 9.4.2. India Extracorporeal CO2 Removal Devices Market
  - 9.4.3. Japan Extracorporeal CO2 Removal Devices Market
  - 9.4.4. Australia Extracorporeal CO2 Removal Devices Market
  - 9.4.5. South Korea Extracorporeal CO2 Removal Devices Market
  - 9.4.6. Rest of Asia Pacific Extracorporeal CO2 Removal Devices Market
- 9.5. Latin America Extracorporeal CO2 Removal Devices Market Snapshot
  - 9.5.1. Brazil Extracorporeal CO2 Removal Devices Market
  - 9.5.2. Mexico Extracorporeal CO2 Removal Devices Market
- 9.6. Rest of The World Extracorporeal CO2 Removal Devices Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. Medtronic
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Getinge AB
  - 10.2.3. Xenios AG
  - 10.2.4. Alung Technologies
  - 10.2.5. ESTOR S.P.A
  - 10.2.6. Medica Spa
  - 10.2.7. Aferectica Srl

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process



- 11.1.1. Data Mining
- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Extracorporeal CO2 Removal Devices Market, report scope

TABLE 2. Global Extracorporeal CO2 Removal Devices Market estimates & forecasts by region 2018-2028 (USD Million)

TABLE 3. Global Extracorporeal CO2 Removal Devices Market estimates & forecasts by Product 2018-2028 (USD Million)

TABLE 4. Global Extracorporeal CO2 Removal Devices Market estimates & forecasts by Application 2018-2028 (USD Million)

TABLE 5. Global Extracorporeal CO2 Removal Devices Market estimates & forecasts by End User 2018-2028 (USD Million)

TABLE 6. Global Extracorporeal CO2 Removal Devices Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 7. Global Extracorporeal CO2 Removal Devices Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 8. Global Extracorporeal CO2 Removal Devices Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 9. Global Extracorporeal CO2 Removal Devices Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 10. Global Extracorporeal CO2 Removal Devices Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 11. Global Extracorporeal CO2 Removal Devices Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 12. Global Extracorporeal CO2 Removal Devices Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 13. Global Extracorporeal CO2 Removal Devices Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 14. Global Extracorporeal CO2 Removal Devices Market by segment, estimates & forecasts, 2018-2028 (USD Million)

TABLE 15. Global Extracorporeal CO2 Removal Devices Market by region, estimates & forecasts, 2018-2028 (USD Million)

TABLE 16. U.S. Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 17. U.S. Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 18. U.S. Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 19. Canada Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 20. Canada Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 21. Canada Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 22. UK Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 23. UK Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 24. UK Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 25. Germany Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 26. Germany Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 27. Germany Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 28. RoE Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 29. RoE Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 30. RoE Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 31. China Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 32. China Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 33. China Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 34. India Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 35. India Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 36. India Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 37. Japan Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 38. Japan Extracorporeal CO2 Removal Devices Market estimates & forecasts

by segment 2018-2028 (USD Million)

TABLE 39. Japan Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 40. RoAPAC Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 41. RoAPAC Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 42. RoAPAC Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 43. Brazil Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 44. Brazil Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 45. Brazil Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 46. Mexico Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 47. Mexico Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 48. Mexico Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 49. RoLA Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 50. RoLA Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 51. RoLA Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 52. Row Extracorporeal CO2 Removal Devices Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 53. Row Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 54. Row Extracorporeal CO2 Removal Devices Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 55. List of secondary sources, used in the study of global Extracorporeal CO2 Removal Devices Market

TABLE 56. List of primary sources, used in the study of global Extracorporeal CO2 Removal Devices Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered



## List Of Figures

### LIST OF FIGURES

FIG 1. Global Extracorporeal CO2 Removal Devices Market, research methodology

FIG 2. Global Extracorporeal CO2 Removal Devices Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Extracorporeal CO2 Removal Devices Market, key trends 2021

FIG 5. Global Extracorporeal CO2 Removal Devices Market, growth prospects 2022-2028

FIG 6. Global Extracorporeal CO2 Removal Devices Market, porters 5 force model

FIG 7. Global Extracorporeal CO2 Removal Devices Market, pest analysis

FIG 8. Global Extracorporeal CO2 Removal Devices Market, value chain analysis

FIG 9. Global Extracorporeal CO2 Removal Devices Market by segment, 2018 & 2028 (USD Million)

FIG 10. Global Extracorporeal CO2 Removal Devices Market by segment, 2018 & 2028 (USD Million)

FIG 11. Global Extracorporeal CO2 Removal Devices Market by segment, 2018 & 2028 (USD Million)

FIG 12. Global Extracorporeal CO2 Removal Devices Market by segment, 2018 & 2028 (USD Million)

FIG 13. Global Extracorporeal CO2 Removal Devices Market by segment, 2018 & 2028 (USD Million)

FIG 14. Global Extracorporeal CO2 Removal Devices Market, regional snapshot 2018 & 2028

FIG 15. North America Extracorporeal CO2 Removal Devices Market 2018 & 2028 (USD Million)

FIG 16. Europe Extracorporeal CO2 Removal Devices Market 2018 & 2028 (USD Million)

FIG 17. Asia Pacific Extracorporeal CO2 Removal Devices Market 2018 & 2028 (USD Million)

FIG 18. Latin America Extracorporeal CO2 Removal Devices Market 2018 & 2028 (USD Million)

FIG 19. Global Extracorporeal CO2 Removal Devices Market, company Market share analysis (2021)

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