

# Global Ex Vivo Organ Perfusion Technology Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/GE162CAB7B9DEN.html>

Date: July 2024

Pages: 104

Price: US\$ 3,660.00 (Single User License)

ID: GE162CAB7B9DEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Ex vivo organ perfusion technology involves the process of preserving and maintaining organs outside of the body in a functioning state by continuously perfusing them with a specialized solution. This technology allows for the assessment, preservation, and even treatment of organs before transplantation. During ex vivo organ perfusion, the organ is connected to a perfusion system that delivers oxygenated blood or a preservation solution containing nutrients and medications to maintain cellular viability and function. This method enables the evaluation of organ quality, assessment of viability, and potential repair or treatment of organs that may not be suitable for transplantation using traditional methods. Ex vivo organ perfusion technology has the potential to increase the number of viable organs available for transplantation, improve transplant outcomes, and advance research in organ preservation and regeneration.

The global Ex Vivo Organ Perfusion Technology market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LPI (LP Information)' newest research report, the "Ex Vivo Organ Perfusion Technology Industry Forecast" looks at past sales and reviews total world Ex Vivo Organ Perfusion Technology sales in 2022, providing a comprehensive analysis by region and market sector of projected Ex Vivo Organ Perfusion Technology sales for 2023 through 2029. With Ex Vivo Organ Perfusion Technology sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Ex Vivo Organ Perfusion Technology industry.

This Insight Report provides a comprehensive analysis of the global Ex Vivo Organ Perfusion Technology landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Ex Vivo Organ Perfusion Technology portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Ex Vivo Organ Perfusion Technology market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Ex Vivo Organ Perfusion Technology and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Ex Vivo Organ Perfusion Technology.

United States market for Ex Vivo Organ Perfusion Technology is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Ex Vivo Organ Perfusion Technology is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Ex Vivo Organ Perfusion Technology is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Ex Vivo Organ Perfusion Technology players cover TransMedics, Lung Bioengineering, OrganOx, XVIVO, TNO, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Ex Vivo Organ Perfusion Technology market by product type, application, key players and key regions and countries.

Segmentation by Type:

Heart Perfusion

Liver Perfusion

Kidney Perfusion

Lung Perfusion

Segmentation by Application:

Organ Transplant Specialist Hospitals

Organ Banks

Pharmaceutical Research Organizations

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Segmentation by Type:

Heart Perfusion

Liver Perfusion

Kidney Perfusion

Lung Perfusion

Segmentation by Application:

Organ Transplant Specialist Hospitals

Organ Banks

Pharmaceutical Research Organizations

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

TransMedics

Lung Bioengineering

OrganOx

XVIVO

TNO

UHN

SCREEN

Bridge to Life

Organ Recovery Systems

Penn Medicine

Johns Hopkins Medicine

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Ex Vivo Organ Perfusion Technology Market Size 2025-2030
  - 2.1.2 Ex Vivo Organ Perfusion Technology Market Size CAGR by Region
- 2.2 Ex Vivo Organ Perfusion Technology Segment by Type
  - 2.2.1 Heart Perfusion
  - 2.2.2 Liver Perfusion
  - 2.2.3 Kidney Perfusion
  - 2.2.4 Lung Perfusion
- 2.3 Ex Vivo Organ Perfusion Technology Market Size by Type
  - 2.3.1 Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)
  - 2.3.2 Global Ex Vivo Organ Perfusion Technology Market Size Growth Rate by Type (2025-2030)
- 2.4 Ex Vivo Organ Perfusion Technology Segment by Application
  - 2.4.1 Organ Transplant Specialist Hospitals
  - 2.4.2 Organ Banks
  - 2.4.3 Pharmaceutical Research Organizations
- 2.5 Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030)
  - 2.5.1 Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)
  - 2.5.2 Global Ex Vivo Organ Perfusion Technology Market Size Growth Rate by Application (2025-2030)

### 3 EX VIVO ORGAN PERFUSION TECHNOLOGY KEY PLAYERS



- 3.1 Date of Key Players Enter into Ex Vivo Organ Perfusion Technology
- 3.2 Key Players Ex Vivo Organ Perfusion Technology Product Offered
- 3.3 Key Players Ex Vivo Organ Perfusion Technology Funding/Investment Analysis
- 3.4 Funding/Investment
  - 3.4.1 Funding/Investment by Regions
  - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Ex Vivo Organ Perfusion Technology Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

## **4 EX VIVO ORGAN PERFUSION TECHNOLOGY BY REGIONS**

- 4.1 Ex Vivo Organ Perfusion Technology Market Size by Regions (2025-2030)
- 4.2 United States Ex Vivo Organ Perfusion Technology Market Size Growth (2025-2030)
- 4.3 China Ex Vivo Organ Perfusion Technology Market Size Growth (2025-2030)
- 4.4 Europe Ex Vivo Organ Perfusion Technology Market Size Growth (2025-2030)
- 4.5 Rest of World Ex Vivo Organ Perfusion Technology Market Size Growth (2025-2030)

## **5 UNITED STATES**

- 5.1 United States Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030)
- 5.2 United States Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030)

## **6 EUROPE**

- 6.1 Europe Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030)
- 6.2 Europe Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030)

## **7 CHINA**

- 7.1 China Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030)

## 7.2 China Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030)

## **8 REST OF WORLD**

### 8.1 Rest of World Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030)

### 8.2 Rest of World Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030)

#### 8.3 Japan

#### 8.4 South Korea

#### 8.5 Southeast Asia

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

### 9.1 Market Drivers & Growth Opportunities

### 9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 KEY INVESTORS IN EX VIVO ORGAN PERFUSION TECHNOLOGY**

### 10.1 Company A

#### 10.1.1 Company A Company Details

#### 10.1.2 Company Description

#### 10.1.3 Companies Invested by Company A

#### 10.1.4 Company A Key Development and Market Layout

### 10.2 Company B

#### 10.2.1 Company B Company Details

#### 10.2.2 Company Description

#### 10.2.3 Companies Invested by Company B

#### 10.2.4 Company B Key Development and Market Layout

### 10.3 Company C

#### 10.3.1 Company C Company Details

#### 10.3.2 Company Description

#### 10.3.3 Companies Invested by Company C

#### 10.3.4 Company C Key Development and Market Layout

### 10.4 Company D

### 10.5 .....

## **11 KEY PLAYERS ANALYSIS**

## 11.1 TransMedics

11.1.1 TransMedics Company Details

11.1.2 TransMedics Ex Vivo Organ Perfusion Technology Product Offered

11.1.3 TransMedics Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

11.1.4 TransMedics Main Business Overview

11.1.5 TransMedics News

## 11.2 Lung Bioengineering

11.2.1 Lung Bioengineering Company Details

11.2.2 Lung Bioengineering Ex Vivo Organ Perfusion Technology Product Offered

11.2.3 Lung Bioengineering Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

11.2.4 Lung Bioengineering Main Business Overview

11.2.5 Lung Bioengineering News

## 11.3 OrganOx

11.3.1 OrganOx Company Details

11.3.2 OrganOx Ex Vivo Organ Perfusion Technology Product Offered

11.3.3 OrganOx Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

11.3.4 OrganOx Main Business Overview

11.3.5 OrganOx News

## 11.4 XVIVO

11.4.1 XVIVO Company Details

11.4.2 XVIVO Ex Vivo Organ Perfusion Technology Product Offered

11.4.3 XVIVO Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

11.4.4 XVIVO Main Business Overview

11.4.5 XVIVO News

## 11.5 TNO

11.5.1 TNO Company Details

11.5.2 TNO Ex Vivo Organ Perfusion Technology Product Offered

11.5.3 TNO Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

11.5.4 TNO Main Business Overview

11.5.5 TNO News

## 11.6 UHN

11.6.1 UHN Company Details

11.6.2 UHN Ex Vivo Organ Perfusion Technology Product Offered

11.6.3 UHN Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

11.6.4 UHN Main Business Overview

11.6.5 UHN News

## 11.7 SCREEN

- 11.7.1 SCREEN Company Details
- 11.7.2 SCREEN Ex Vivo Organ Perfusion Technology Product Offered
- 11.7.3 SCREEN Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)
- 11.7.4 SCREEN Main Business Overview
- 11.7.5 SCREEN News
- 11.8 Bridge to Life
  - 11.8.1 Bridge to Life Company Details
  - 11.8.2 Bridge to Life Ex Vivo Organ Perfusion Technology Product Offered
  - 11.8.3 Bridge to Life Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)
  - 11.8.4 Bridge to Life Main Business Overview
  - 11.8.5 Bridge to Life News
- 11.9 Organ Recovery Systems
  - 11.9.1 Organ Recovery Systems Company Details
  - 11.9.2 Organ Recovery Systems Ex Vivo Organ Perfusion Technology Product Offered
  - 11.9.3 Organ Recovery Systems Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)
  - 11.9.4 Organ Recovery Systems Main Business Overview
  - 11.9.5 Organ Recovery Systems News
- 11.10 Penn Medicine
  - 11.10.1 Penn Medicine Company Details
  - 11.10.2 Penn Medicine Ex Vivo Organ Perfusion Technology Product Offered
  - 11.10.3 Penn Medicine Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)
  - 11.10.4 Penn Medicine Main Business Overview
  - 11.10.5 Penn Medicine News
- 11.11 Johns Hopkins Medicine

## **12 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Ex Vivo Organ Perfusion Technology Market Size CAGR by Region (2025-2030) (\$ millions)
- Table 2. Major Players of Heart Perfusion
- Table 3. Major Players of Liver Perfusion
- Table 4. Major Players of Kidney Perfusion
- Table 5. Major Players of Lung Perfusion
- Table 6. Global Market Size by Type (2025-2030) (\$ millions)
- Table 7. Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)
- Table 8. Global Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030) (\$ millions)
- Table 9. Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)
- Table 10. Date of Global Key Players Enter into Ex Vivo Organ Perfusion Technology Market
- Table 11. Global Key Players Ex Vivo Organ Perfusion Technology Product Offered
- Table 12. Key Players Ex Vivo Organ Perfusion Technology Funding/Investment (Million USD)
- Table 13. Funding/Investment by Regions
- Table 14. Funding/Investment by End-Industry
- Table 15. Key Players Ex Vivo Organ Perfusion Technology Valuation & Market Capitalization (Million USD)
- Table 16. Key Players Mergers & Acquisitions, Expansion Plans
- Table 17. Ex Vivo Organ Perfusion Technology New Product/Technology Launches
- Table 18. Ex Vivo Organ Perfusion Technology Industry Partnerships, Agreements, and Collaborations
- Table 19. Ex Vivo Organ Perfusion Technology Industry Mergers and Acquisitions
- Table 20. Global Ex Vivo Organ Perfusion Technology Market Size by Regions 2025-2030 (\$ millions)
- Table 21. Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Regions 2025-2030
- Table 22. United States Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030) (\$ millions)
- Table 23. United States Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)

- Table 24. United States Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030) (\$ millions)
- Table 25. United States Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)
- Table 26. Europe Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030) (\$ millions)
- Table 27. Europe Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)
- Table 28. Europe Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030) (\$ millions)
- Table 29. Europe Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)
- Table 30. China Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030) (\$ millions)
- Table 31. China Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)
- Table 32. China Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030) (\$ millions)
- Table 33. China Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)
- Table 34. Rest of World Ex Vivo Organ Perfusion Technology Market Size by Type (2025-2030) (\$ millions)
- Table 35. Rest of World Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)
- Table 36. Rest of World Ex Vivo Organ Perfusion Technology Market Size by Application (2025-2030) (\$ millions)
- Table 37. Rest of World Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)
- Table 38. Key Market Drivers & Growth Opportunities of Ex Vivo Organ Perfusion Technology
- Table 39. Key Market Challenges & Risks of Ex Vivo Organ Perfusion Technology
- Table 40. Key Industry Trends of Ex Vivo Organ Perfusion Technology
- Table 41. Company A Company Details
- Table 42. Companies Invested by Company A
- Table 43. Company A Key Development and Market Layout
- Table 44. Company B Company Details
- Table 45. Companies Invested by Company B
- Table 46. Company B Key Development and Market Layout
- Table 47. Company C Company Details



Table 48. Companies Invested by Company C

Table 49. Company C Key Development and Market Layout

Table 50. TransMedics Basic Information, Head Office, Major Market Areas and Its Competitors

Table 51. TransMedics Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 52. Lung Bioengineering Basic Information, Head Office, Major Market Areas and Its Competitors

Table 53. Lung Bioengineering Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 54. OrganOx Basic Information, Head Office, Major Market Areas and Its Competitors

Table 55. OrganOx Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 56. XVIVO Basic Information, Head Office, Major Market Areas and Its Competitors

Table 57. XVIVO Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 58. TNO Basic Information, Head Office, Major Market Areas and Its Competitors

Table 59. TNO Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 60. UHN Basic Information, Head Office, Major Market Areas and Its Competitors

Table 61. UHN Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 62. SCREEN Basic Information, Head Office, Major Market Areas and Its Competitors

Table 63. SCREEN Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 64. Bridge to Life Basic Information, Head Office, Major Market Areas and Its Competitors

Table 65. Bridge to Life Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 66. Organ Recovery Systems Basic Information, Head Office, Major Market Areas and Its Competitors

Table 67. Organ Recovery Systems Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

Table 68. Penn Medicine Basic Information, Head Office, Major Market Areas and Its Competitors

Table 69. Penn Medicine Ex Vivo Organ Perfusion Technology Market Size (2023 VS 2028)

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Ex Vivo Organ Perfusion Technology

Figure 2. Ex Vivo Organ Perfusion Technology Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Ex Vivo Organ Perfusion Technology Market Size Growth Rate 2025-2030 (\$ millions)

Figure 7. Ex Vivo Organ Perfusion Technology Market Size by Region (2024 & 2030) (\$ millions)

Figure 8. Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Type (2025-2030)

Figure 9. Global Heart Perfusion Market Size Growth Rate

Figure 10. Global Liver Perfusion Market Size Growth Rate

Figure 11. Ex Vivo Organ Perfusion Technology in Organ Transplant Specialist Hospitals

Figure 12. Global Ex Vivo Organ Perfusion Technology Market: Organ Transplant Specialist Hospitals (2025-2030) (\$ millions)

Figure 13. Ex Vivo Organ Perfusion Technology in Organ Banks

Figure 14. Global Ex Vivo Organ Perfusion Technology Market: Organ Banks (2025-2030) (\$ millions)

Figure 15. Ex Vivo Organ Perfusion Technology in Pharmaceutical Research Organizations

Figure 16. Global Ex Vivo Organ Perfusion Technology Market: Pharmaceutical Research Organizations (2025-2030) (\$ millions)

Figure 17. Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Application (2025-2030)

Figure 18. Global Ex Vivo Organ Perfusion Technology Market Size in Organ Transplant Specialist Hospitals Growth Rate

Figure 19. Global Ex Vivo Organ Perfusion Technology Market Size in Organ Banks Growth Rate

Figure 20. Funding/Investment

Figure 21. Global Ex Vivo Organ Perfusion Technology Market Size Market Share by Regions 2025-2030

Figure 22. United States Ex Vivo Organ Perfusion Technology Market Size 2025-2030 (\$ millions)



Figure 23. China Ex Vivo Organ Perfusion Technology Market Size 2025-2030 (\$ millions)

Figure 24. Europe Ex Vivo Organ Perfusion Technology Market Size 2025-2030 (\$ millions)

Figure 25. Rest of World Ex Vivo Organ Perfusion Technology Market Size 2025-2030 (\$ millions)

Figure 26. United States Ex Vivo Organ Perfusion Technology Consumption Market Share by Type in 2028

Figure 27. United States Ex Vivo Organ Perfusion Technology Market Size Market Share by Application in 2028

Figure 28. Europe Ex Vivo Organ Perfusion Technology Consumption Market Share by Type in 2028

Figure 29. Europe Ex Vivo Organ Perfusion Technology Market Size Market Share by Application in 2028

Figure 30. China Ex Vivo Organ Perfusion Technology Consumption Market Share by Type in 2028

Figure 31. China Ex Vivo Organ Perfusion Technology Market Size Market Share by Application in 2028

Figure 32. Rest of World Ex Vivo Organ Perfusion Technology Consumption Market Share by Type in 2028

Figure 33. Rest of World Ex Vivo Organ Perfusion Technology Market Size Market Share by Application in 2028

## I would like to order

Product name: Global Ex Vivo Organ Perfusion Technology Market Growth (Status and Outlook)  
2024-2030

Product link: <https://marketpublishers.com/r/GE162CAB7B9DEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer  
Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click  
button on product page <https://marketpublishers.com/r/GE162CAB7B9DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form  
below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms  
& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970

