

# Organ Preservation Market Expected to Experience Robust Growth with a Projected CAGR of 6% during the Forecast Period

*Organ Preservation Market Size, Share, Industry Trends, Growth, and Opportunities Analysis by 2030*

WASHINGTON, D.C, DISTRICT OF COLUMBIA, UNITED STATES, March 12, 2024 /EINPresswire.com/ -- The Global [Organ Preservation Market Size](#) was valued at USD 218.36 Million in 2022, and it is expected to reach USD 348.02 Million by 2030, growing at a CAGR of 6.00% during the forecast period (2023-2030).



The organ preservation market is witnessing substantial growth globally due to the rising prevalence of chronic diseases, leading to a higher demand for organ transplants. Organ preservation techniques play a crucial role in maintaining the viability of organs before transplantation, thereby improving patient outcomes. Factors such as technological advancements in organ preservation solutions and increasing awareness about organ donation have fueled market growth. Additionally, the growing geriatric population and the rising number of organ failures have further boosted market expansion.

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## Market Dynamics:

The organ preservation market is characterized by dynamic factors that influence its growth trajectory. Key drivers include advancements in organ preservation techniques, such as hypothermic and normothermic perfusion systems, which enhance the preservation of organs and increase transplant success rates. Moreover, the growing acceptance of organ transplantation as a viable treatment option for end-stage organ failure has propelled market growth. However, challenges such as the shortage of organ donors, logistical complexities

associated with organ transportation, and high costs of organ preservation procedures hinder market expansion.

### Top Companies in Global Organ Preservation Market

- Paragonix Technologies (US)
- XVIVO Perfusion AB (Sweden)
- Dr. Franz Köhler Chemie GmbH (Germany)
- Essential Pharmaceuticals LLC (US)
- TransMedics (US)
- OrganOx Limited (UK)
- 21st Century Medicine (US)
- Shanghai Genext Medical Technology (China)
- Bridge to Life Limited (US)
- Waters Medical Systems (US)
- Preservation Solutions (US)
- Carnamedica (Poland)
- Transplant Biomedicals (Spain)
- Institut Georges Lopez (France)
- Global Transplant Solutions (US)
- Avionord (Italy)
- Organ Preservation Solutions (England)
- EBERS (Spain)
- S.A.L.F. (Italy)
- Biochefa (Poland)
- Vascular Perfusion Solutions (US)
- TX Innovations (Netherlands)

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### Top Trends:

- Shift towards Normothermic Perfusion: Normothermic perfusion techniques are gaining traction as they offer superior organ preservation compared to conventional cold storage methods.
- Rise of Organ Banking Facilities: Organ banking facilities are emerging to address the challenges of organ shortage by facilitating long-term storage and distribution of organs.
- Integration of Machine Learning and AI: The incorporation of artificial intelligence and machine learning algorithms is enabling real-time monitoring and prediction of organ viability during preservation, optimizing transplant outcomes.

### Top Report Findings:

- Growing adoption of normothermic perfusion systems for organ preservation.
- Increasing investments in research and development of advanced preservation technologies.
- Expansion of organ banking facilities to meet the rising demand for transplant organs.

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#### Challenges:

Navigating the regulatory landscape: Adhering to complex regulatory requirements poses challenges for market players, particularly concerning the approval and commercialization of new preservation technologies.

#### Opportunities:

The field of organ preservation is experiencing a profound transformation, presenting numerous opportunities for growth and innovation. With advancements in medical technology and an increasing demand for organ transplantation, the organ preservation market is poised for significant expansion. One of the key opportunities in this market lies in the development of novel preservation techniques that enhance organ viability and extend preservation times. By leveraging cutting-edge technologies such as hypothermic and normothermic perfusion, researchers and manufacturers can improve organ preservation outcomes and address the critical shortage of donor organs.

#### Key Questions Answered in Organ Preservation Market the Report:

- What are the current trends driving the growth of the organ preservation market?
- How do technological advancements contribute to improving organ preservation techniques?
- What are the major challenges faced by organ preservation stakeholders, and how can they be addressed?
- Which regions exhibit the highest demand for organ preservation solutions?
- What role does government regulation play in shaping the organ preservation market landscape?
- How do organ preservation techniques impact transplant success rates and patient outcomes?
- What are the emerging opportunities for innovation and market expansion in organ preservation?
- What strategies are key players adopting to gain a competitive edge in the organ preservation market?

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## Regional Analysis:

North America dominates the organ preservation market due to factors such as advanced healthcare infrastructure, high adoption of innovative medical technologies, and a well-established organ transplantation ecosystem. Additionally, favorable reimbursement policies and government initiatives to promote organ donation further contribute to market growth in the region. The United States accounts for a significant share of the North American market, driven by extensive research and development activities and a robust organ procurement and transplantation network.

## Global Organ Preservation Market Segmentation

### By Solution

- University of Wisconsin Solution (UW Solution)
- Custodial HTK
- Perfadex
- Other

### By Technique

- Static Cold Storage
- Hypothermic Machine Perfusion
- Normothermic Machine Perfusion

### By Organ Type

- Kidney
- Liver
- Lung
- Heart
- Pancreas

### By End User

- Organ Transplant Centers
- Hospitals
- Specialty Clinics

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Eric Kunz

Vantage Market Research

+ +1 202-380-9727

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