

South & Central America Organ Preservation Solution Market Forecast to 2031 - Regional Analysis - by Product (University of Wisconsin Solution, Custodiol HTK, Perfadex, HypoThermosol, and Others), Application (Static Cold Storage, Hypothermic Machine Perfusion, Normothermic Machine Perfusion, and Others), Type (Kidneys, Liver, Lungs, Heart, and Others), and End User (Organ Transplant Centers, Hospitals, and Specialty Clinics)

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Abstracts

The South & Central America organ preservation solution market was valued at US\$ 16,602.01 thousand in 2023 and is expected to reach US\$ 31,423.90 thousand by 2031; it is estimated to register a CAGR of 8.4% from 2024 to 2031.

Strategic Initiatives by Market Players Fuels South & Central America Organ Preservation Solution Market

Various market players focus on product launches or strategic collaborations to develop advanced products that help ease the treatment of chronic disorders. There have been various recent developments, such as product launches, mergers, and acquisitions in recent years.

In April 2022, TransMedics Group, Inc. received premarket FDA approval for its OCS Heart System for using it with organs procured from donors after circulatory death. The OCS Heart System is approved with the extended clinical indication for ex vivo reanimation, functional monitoring, and beating-heart preservation of donors-after-

circulatory-death (DCD) hearts.

In August 2023, Paragonix Technologies, a leading organ transplant company, received FDA clearance for its next-generation donor lung preservation system—BAROguard. The BAROguard system combines Paragonix's advanced hypothermic preservation technology with automated continuous and active airway pressure control. This control ensures the maintenance of optimal temperature range and a clinically recommended inflation pressure range for donor's lungs throughout their transfer from donors to recipients. This novel combination of advanced technologies further reinforces the company's ongoing commitment to improving and redefining the standard of care within the field of transplant medicine.

In April 2024, the Mayo Clinic and the Terasaki Institute for Biomedical Innovation collaborated to improve organ transplant outcomes. Mayo Clinic biomedical researchers and Terasaki Institute scientists plan to collaborate on two main study areas: real-time monitoring of donated organ health from procurement to transplant surgery and the development of predictive technologies to identify transplant recipients with a higher risk of rejection. This will involve creating prognostic signatures and assays for antibody-mediated rejection of organ transplants. The initial projects are expected to be completed within 24–30 months.

Thus, a surge in product approvals, launches, and strategic collaborations is likely to create considerable growth opportunities for the organ preservation solution market in the future.

South & Central America Organ Preservation Solution Market Overview

The South & Central America organ preservation solution market is segmented into Argentina, Brazil, and the Rest of South & Central America. Brazil is expected to hold the major market share in this region. The organ preservation solution market in this region is expected to grow rapidly due to expanding healthcare facilities, rising prevalence of chronic disorders and growing awareness of organ transplantation in the region.

The Rest of South & Central America consists of countries such as Chile, Colombia, Peru, Cuba, Venezuela, and Bolivia. These countries are improving their healthcare infrastructure by permitting new players to enter the market. According to the Department of Economic and Social Affairs, ~11.5% of the population in Chile was reported to be over 65 years of age in 2019, and the share is projected to reach 21% by

2041. Peru also has a considerable portion of people aged 60 and above. As per El Instituto Nacional de Estadística e Informática (INEI) 2020 data, older adults make up more than 4 million, i.e., 12.7%, of the Peruvian populace, constituting 47.8% men and 52.2% women. This number is more than twice as much as in 1950, wherein this population group represented 6% of the total. Demographic data shows that the number of inhabitants aged 65 and above has grown progressively over the last decade and reached 2.99 million in 2021. As per the American Association of Retired Persons, International data shows that people aged 60 and above in Costa Rica represented 9% of the total population in 2021. This proportion is expected to double by 2050, as older adults will account for 20% of the population in the country. People aged 60 years and above are prone to organ failure and damage. Therefore, the rising geriatric population drives the need for organ transplant, propelling the demand for organ preservation solutions in the Rest of South & Central America.

South & Central America Organ Preservation Solution Market Revenue and Forecast to 2031 (US\$ Thousand)

South & Central America Organ Preservation Solution Market Segmentation

The South & Central America organ preservation solution market is categorized into product, application, type, end user, and country.

Based on product, the South & Central America organ preservation solution market is categorized into University of Wisconsin solution, custodiol HTK, Perfadex, HypoThermosol, and others. The University of Wisconsin segment held the largest market share in 2023.

In terms of application, the South & Central America organ preservation solution market is segmented into static cold storage, hypothermic machine perfusion, normothermic machine perfusion, and others. The static cold storage segment held the largest market share in 2023.

By type, the South & Central America organ preservation solution market is categorized into kidneys, liver, lungs, heart, and others. The kidneys segment held the largest market share in 2023.

Based on end user, the South & Central America organ preservation solution market is segmented into organ transplant centers, hospitals, and specialty clinics. The organ transplant centers segment held the largest market share in 2023.

By country, the South & Central America organ preservation solution market is segmented into Brazil, Argentina, and the Rest of South & Central America. The Rest of South & Central America dominated the South & Central America organ preservation solution market share in 2023.

XVIVO Perfusion, TransMedics, Dr. Franz Koehler Chemie GmbH, and Accord Healthcare, are among the leading companies operating in the South & Central America organ preservation solution market.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the South & Central America organ preservation solution market.

Highlights key business priorities to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the South & Central America organ preservation solution market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth South & Central America market trends and outlook coupled with the factors driving the South & Central America organ preservation solution market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

The List of Companies - South & Central America Organ Preservation Solution Market

XVIVO Perfusion

TransMedics

Dr. Franz Koehler Chemie GmbH

Accord Healthcare

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