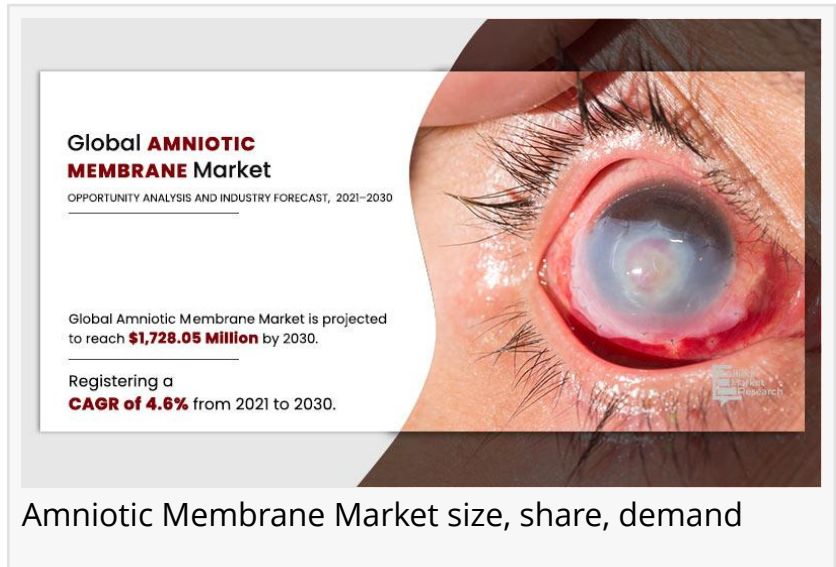


2024 Amniotic Membrane Market to Surpass \$1.7 Billion Amid Skilled Workforce Shortage and Growth in Emerging Regions

PORTLAND, OR, UNITED STATES, October 7, 2024 /EINPresswire.com/ -- The [amniotic membrane \(AM\) market](#) is projected to witness significant growth over the next decade, driven by advancements in medical technology and increased adoption of amniotic membrane transplantation. Below is a detailed review of key aspects influencing the market and its potential development trajectory.

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Market Overview

- **Market Size:** Valued at \$1,102.45 million in 2020, the global amniotic membrane market is projected to reach \$1,728.05 million by 2030, growing at a CAGR of 4.6% from 2021 to 2030.
- **Amniotic Membrane:** A thin, biologically active membrane located on the inner side of the fetal placenta, it serves multiple medical purposes, including wound healing, ocular surface reconstruction, and as a skin substitute in various treatments.

Key Drivers of Growth

- **Technological Advancements:** Ongoing innovation in developing cost-effective therapies is a crucial driver for market growth.
- **Increase in Transplantation:** Rising awareness about the benefits of amniotic membrane transplantation fuels market demand, especially in ophthalmology and wound care applications.
- **Aging Population:** A growing geriatric population requires more healthcare interventions, including amniotic membrane therapies.

Market Challenges

- Shortage of Skilled Healthcare Professionals: The lack of adequately trained personnel may restrain market growth.
- Opportunities in Developing Regions: Developing regions, especially in Asia-Pacific and LAMEA (Latin America, Middle East, and Africa), present substantial untapped market potential, particularly as healthcare infrastructure improves.

Segment Analysis

1. Product Type

- Cryopreserved Amniotic Membrane:
 - Major revenue contributor in 2020.
 - Widely used due to its high effectiveness, preservation of biological properties, and its application in ocular surgeries to reduce inflammation and enhance recovery.
 - Expected to maintain dominance throughout the forecast period.
- Lyophilized Amniotic Membrane:
 - Projected to experience the fastest growth, due to its effectiveness in preventing adverse reactions and long-term complications.

2. Application

- Surgical Wounds:
 - The largest application segment, providing anti-inflammatory and scar-reduction benefits.
 - Expected to remain the dominant segment throughout the forecast period.
- Ophthalmology:
 - Utilized for treating various eye diseases and conditions, including ocular surface reconstruction.

3. End User

- Hospitals:
 - The dominant end-user segment, driven by an increase in the number of amniotic membrane transplantations.
 - Government initiatives aimed at improving healthcare services, especially in developing regions like India, bolster this segment's growth.

4. Region

- North America:
 - Leading the market with the largest share in 2020, driven by a well-established healthcare system, ongoing research, and favorable government initiatives.
- Asia-Pacific and LAMEA:
 - Poised for strong growth due to improvements in healthcare infrastructure and rising awareness of amniotic membrane benefits in these regions.

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