SENTRY™

PLACENTAL– DERIVED ALLOGRAFT

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IWC Innovative Wound Consultants

SENTRY™

Sentry™ Placental-Derived Allograft is comprised of a single layer of amniotic membrane. Using a proprietary tissue processing technique, Sentry™ is designed as an innovative solution to serve as a barrier or wound cover for acute and chronic wounds. Leveraging the structural and biochemical properties of placental tissue, Sentry™ offers a comprehensive biologic approach for a variety of acute or chronic wound applications, particularly when applied to shallow-to-moderate wound beds.

PLACENTAL TISSUE

Placental tissue, previously considered biologic waste following delivery, is a pristine newly formed extracellular matrix (ECM) to protect and support fetal development. Therefore, this tissue represents an untainted extracellular matrix...essentially a neomatrix.

DESCRIPTION OF AMNIOTIC LAYER

The amnion membrane is a layer of placental tissue, and can be identified as the internal or fetus facing membrane. The physical and biochemical properties of the the amnion is a thin, yet highly compact layer of extracellular matrix. Amnion membrane is constituted of collagen fibers (predominantly Types I, III, IV and V), along with other ECM proteins (including laminin, fibronectin, proteoglycans and hyaluronic acid). The elasticity and durability of the amnion layer allows it to conform closely to wound surfaces while providing a protective barrier.

SAFETY

Donated tissues for Sentry™ products are collected from fully consented mothers undergoing full term c-sections. Each donor is screened according to the strict standards required by the U.S. Food and Drug Administration and the American Association of Tissue Banks. Further, Sentry™ Placental-Derived Allograft products undergo a validated terminal sterilization process to help ensure these products are safe. All donated tissue is obtained in partnership with FDA regulated and accredited recovery organizations. Additional details of screening procedures can be found in the product package insert or Instructions for Use.

PRODUCT SUMMARY

Sentry™ Placental-Derived Allograft products are minimally manipulated and dehydrated and are derived from human amniotic membrane. Sentry™ allograft tissues retain the structural and functional characteristics of the starting placental membranes. The final products are packaged in different sizes and verified to be terminally sterilized to a 10-SAL

INSTRUCTION FOR USE

Sentry™ Placental-Derived Allograft (361 HCT/Ps) are intended as a natural biologic wound covering or skin. substitute for cutaneous wounds. Use of Sentry Placental-Derived Allograft by qualified health care professionals is for application in a physician office, outpatient, or inpatient setting.

ORDERING INFORMATION

Sentry™ tissue is available in the following sizes for a variety of choices depending on the patient and circumstance: Product HCPCS Level II code Q4348, Sentry™ Matrix, per square centimeter.

Product SKU	Size
SEN-24222	2x2 cm
SEN-24224	2x4 cm
SEN-24244	4x4 cm
SEN-24248	4x8 cm

REFERENCES:

1. H. Niknejad, H. Peirovi, M Jorjani, et al, “Properties of the Amniotic Membrane for Potential Use in Tissue Engineering”, Eur Cell Mater, vol. 15, pp 88-99, 2008.
2. A. Roy, M. Mantay, C. Brannan, and S. Griffiths, “Placental Tissues as Biomaterials in Regenerative Medicine” BioMed Research International, vol. 2022, pp. 1-26, 2022.

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