

Key Features & Benefits

100% Pure Bovine Collagen: Sourced from **high-quality bovine collagen**, Durasheet integrates naturally with human tissue, promoting effective healing and minimizing complications.

Superior Biocompatibility: Rigorously tested to ensure patient safety, reducing the risk of adverse reactions and enhancing post-surgical recovery.

Exceptional Suture Retention: Engineered for secure suturing, providing surgeons with confidence and reliability during procedures.

Enhanced Mechanical Strength: Designed to withstand surgical demands, offering durable support for tissue regeneration and repair.

Dual-Sided Versatility: Its adaptable dual-surface design makes it ideal for various surgical applications, from wound management to complex reconstructive procedures.

High Absorption Capacity: Effectively manages exudates, creating an optimal environment for tissue repair and faster healing.

Customizable & Easy to Shape: Can be easily trimmed and shaped to fit specific surgical needs, ensuring precision and efficiency in every procedure.

Why Choose Durasheet?

Durasheet merge the natural benefits of bovine collagen with advanced technology, delivering a product that is both effective and user-friendly. With its unmatched biocompatibility, strength, and adaptability, Durasheet is the surgeon's choice for superior patient outcomes.

Surgical Excellence Starts with Durasheet.

ABOUT US

Desu is a globally recognized technology company dedicated to pioneering innovative solutions in neurosurgical, spinal, and dental healthcare.

Desu is a pioneering research and development company established in 2007, headquartered in Ankara, Turkey. Our mission is to advance healthcare technologies by developing innovative solutions, with a particular focus on neurosurgery and biomaterials.

Our headquarters are strategically positioned in a vibrant academic ecosystem, featuring highly regulated and meticulously detailed facilities. This environment fosters seamless collaboration between research and practical application, enabling groundbreaking advancements. Our facilities feature state-of-the-art cleanroom production environments, including 10,000-class and 1,000-class cleanrooms, designed to meet the stringent standards required for producing premium-quality devices and materials.



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DECOLL®

COLLAGEN BASED DURAL GRAFT



DURASHEET®

DURAL GRAFT MATRIX



www.desu.tr

DECOLL[®]

COLLAGEN BASED DURAL GRAFT



Product Overview

DECOLL Collagen Dura Membrane is a state-of-the-art medical device specifically designed to repair defects in the dura mater, serving as a durable and effective dura substitute. Engineered for optimal performance, it is versatile and suitable for use in various clinical scenarios.

Repair, Restore, Reassure.

Ref. Kode	Size
DLC 2525	2.5x2.5 cm
DLC 5050	5x5 cm
DLC 7575	7.5x7.5 cm
DLC 100100	10x10 cm

Key Features and Benefits

High Purity Collagen: Made from ultra-pure Type-1 bovine collagen, with over 95.5% Type-1 collagen content, ensuring superior biocompatibility and performance.

Biodegradable: The collagen matrix is biodegradable, promoting rapid tissue healing and seamless integration with surrounding tissue.

Versatile Application: Capable of handling various cerebrospinal fluid (CSF) pressure levels, making it suitable for a broad range of clinical conditions.

Superior Leak Prevention: Its impermeable pore structure significantly minimizes the risk of CSF leakage, offering enhanced protection compared to other alternatives.

Ease of Use: Pre-sterilized with Gamma radiation and ready for immediate use, eliminating the need for any additional preparation.

Broad Clinical Use: Effective for treating dural defects caused by surgeries, trauma, and congenital conditions, including spinal tumor resection, meningocele, myelomeningocele, and lipoma removal.

Clinical Applications

Spinal Tumor Surgery: Perfect for repairing dural defects following spinal tumor removal.

Trauma: Effective in managing dural injuries caused by trauma.

Meningocele and Myelomeningocele: Ideal for the repair of these congenital spinal conditions.

Lipoma Surgery: Provides reliable closure of dural defects after lipoma removal.

DECOLL Collagen Dura Membrane ensures optimal healing and protection in complex neurosurgical cases, offering a reliable solution for dura mater repair.

DURASHEET[®]

DURAL GRAFT MATRIX



Durasheet: Advanced Surgical Collagen Matrix

Product Overview

Durasheet is a cutting-edge surgical collagen matrix designed to meet the high standards of modern surgical procedures. Made from 100% pure bovine collagen, it offers exceptional biocompatibility, strength, and adaptability, making it an essential tool for surgeons striving for optimal patient outcomes.

Ref. Kode	Size
DRS 2525	2.5x2.5 cm
DRS 5050	5x5 cm
DRS 7575	7.5x7.5 cm
DRS 100100	10x10 cm