

# SURGICOLL-MESH™

## Caution:

Always handle **Surgicoll-Mesh** using aseptic techniques. **Surgicoll-Mesh** may form a caramel-colored gel, which can be rinsed away with gentle sterile irrigation.

**Surgicoll-Mesh** should not be applied until excessive exudate, bleeding, acute swelling, and infection is controlled.

## Contra-indications:

**Surgicoll-Mesh** is derived from a bovine or ovine source and should not be used in patients with known sensitivity to such materials.

## Precautions:

Do not re-sterilize. Discard all open and unused portions of **Surgicoll-Mesh**.

**Surgicoll-Mesh** is sterile if the package is dry, unopened and undamaged. Do not use if the package seal is broken. The device must be used prior to the expiration date.

## Storage:

**Surgicoll-Mesh** should be stored in a clean, dry location at ambient room temperature.

## Sterilization:

**Surgicoll-Mesh** has been sterilized with ethylene oxide. (Each individually sterilized).

## Available Sizes (in cm):

5x5	2x25	5x10	10x10	10x15	10x20	15x15
10x25	15x20	20x20	15x30	20x25	20x30	

(Each individually sterile packaged)

Mfg. Lic. Number: 675

Manufactured & Marketed by:



**Advanced Biotech Products (P) Ltd.**

77, First Cross Street,  
Ragavan Colony, Chennai - 600083, India.

Under the Licence from :

 **ENCOLL**  
Fremont, CA, USA

## Contact

**For Andhra Pradesh**

Phone: +91 91769 99850

E-mail: andhra@abpdental.com

**For Rest of all India**

Phone: 91 (44)-2489 1659

E-mail: info@abpdental.com

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## IMPLANTABLE, BIORESORBABLE TISSUE REGENERATIVE STERILE TYPE-I COLLAGEN MATRIX

Using a Patented American Technology

For

*Cartilage Regeneration,  
Soft Tissue & Muscle Flap Reinforcement,  
Dural Repair,  
Intra Oral Surgical Applications,  
Colo-Rectal, Urethral & Vaginal Prolapse,  
Pelvic Floor Reconstruction & Urethral Sling  
and*

*Third Degree Burn to accommodate the Skin Graft, if needed.*



Advanced Patented High Purity Type-I Collagen Matrix



**Advanced Biotech Products (P) Ltd**

www.abpdermal.com

# SURGICOLL-MESH™

**Surgicoll-Mesh** is a bio-compatible collagen mesh that is flexible, strong yet soft collagen membrane that is supple when hydrated and handles like natural tissue. It readily conforms to the surgicoll site upon application and is easily sutured.

**Surgicoll-Mesh** is constituted by type-I collagen membrane that is free of contaminants like lipids, elastin and other immunogenic proteins. The collagen is used in the **Surgicoll-Mesh** product is based on a patented technology that ensures the high purity type-I collagen. It is processed using US patented technology, under stringent USP quality tests as per WHO (World Health Organization) and other international standards.

## INDICATIONS:

- Use as a patch to reinforce soft tissue where weakness exists and for the surgical **repair of damaged or ruptured soft tissue membranes** including the repair and anchorage of **tendon damage** in plastic and reconstructive surgery.
- **Muscle flap reinforcement.**
- **Hernia repair** including abdominal, inguinal, diaphragmatic, femoral, scrotal, umbilical, and incisional hernias.
- **Dura substitute** for repair of the dura mater.
- Use for **Osteochondral Resurfacing** purposes and as **synovial tissue implants.**
- **Intra Oral Surgical Applications** as a biocompatible resorbable membrane as used by Oral and Maxillofacial and Dental surgeons
- Use as a reconstructive membrane **for Colon, rectal, urethral & vaginal prolapse.**
- Use as a **pelvic floor reconstructive** membrane and for Sacrocolposuspension & urethral sling.
- Use for **third degree burn** applications to encourage the neovascularization and granulation upon 4 to 5 days after application to accommodate the skin graft if needed.

## ADVANTAGES OF SURGICOLL-MESH:

**Surgicoll-Mesh** offers clear advantages over synthetic and other collagen products for soft tissue repair and reconstructive applications. The product's biochemistry and microporosity facilitate rapid cell penetration and revascularization. Ultimately, **Surgicoll-Mesh** acts as a scaffold that can be naturally and progressively integrated, remodeled and eventually replaced by functional host tissue. Surgicoll-Mesh uses a patented process to purify the type-I collagen and make it into a membrane with the biological properties and structure of native collagen.

## DIRECTIONS FOR USE:

### Unpacking the Sterile Surgicoll-Mesh Product



*Note: **Surgicoll-Mesh** comes in a sterile double packaging as a transparent pliable sheet with a back and a top protection cover sheet of medical grade synthetic polymer.*

- Upon opening the sterile package, carefully remove the top sheet of polymer and soak the **Surgicoll-Mesh** membrane in sterile saline solution for 5 to 10 minutes to easily remove the other backing sheet, (soaking time is not critical for the efficacy of the product).
- Prepare the area using standard methods to ensure is free of blood clot, debris and necrotic tissues.
- Do not apply ointment or any greasy cream on the site prior to **Surgicoll Mesh**.
- Slightly stretch the membrane for better adherence to the surface.
- Do not try to overstretch the membrane.



*Upon application, by day 4 to 5, the **Surgicoll-Mesh** Collagen consistently allows neo-vascularization leading to Capillary Structure and new tissue incorporation.*

**(U.S. Patents: 5814328, 6127143 & 6548077)**