#### **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 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
20.20					

20x30

(Each individually sterile packaged)



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

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CP8005.B



# SURGICOLL-MESH

# 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 Needs



Advanced Patented High Purity Type-I Collagen Matrix

**Advanced Biotech Products (P) Ltd** 

# **SURGICOLL-MESH**<sup>™</sup>

Surgicoll-Mesh is a biocompatible collagen mesh that is flexible, strong yet soft collagen me mbrane 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 are constituted type-I collagen mesh 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 under patented conditions and with 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

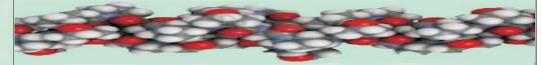
Use as a reconstructive membrane for Colon, rectal, urethral & vaginal prolapse.

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 reconstruction applications. Intrinsically strong, yet soft and supple when hydrated, Surgicoll-Mesh handles like natural tissue; it readily conforms to the surgical site, and is easily sutured. 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:**

**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, the top sheet of polymer can be removed carefully and soaked in sterile water/normal saline solution for 2 to 6 minutes to easily remove the backing sheet.
- Prepare the area using standard methods to ensure is free of 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 over stretch the membrane.



Collagen consistently incorporated by neo-vascularization by day 4-5.

Cappillary Structure and new tissue incorporates into Surgicoll-Mesh eventually.

(U.S. Patents 5,814,328; 6,127,143 & 6,548,077)

#### Caution

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