

DIACOLL

Sterile DRY COLLAGEN SHEET with GENTAMICIN

Product Description :

Diacoll™ is a Collagen - Gentamicin Sheet in the form a sponge / Transparant film containing collagen and Gentamicin sulphate. The collagen Gentamicin implant is composed of highly purified Type-I collagen obtained from bovine Tendon, which acts as a vehicle for the antimicrobial gentamicin. The collagen is derived from specifically controlled and certified animals and is highly purified to avoid any antigenicity. Gentamicin sulphate is a wide spectrum antibiotic that provides highly effective topical treatment in primary and secondary bacterial infections of the skin. Diacoll™ is produced using the latest triple helix collagen technique to provide an optimum degree of flexibility and rigidity combined with the most predictable resorptive process.

Mechanism of Action :

Diacoll™ comprises of a collagen foam incorporated with Gentamicin sulphate. When applied on the wound the collagen foam acts as a vehicle for the antimicrobial gentamicin. Collagen is absorbed slowly by the tissue in 6 to 10 days after is application. The purpose of the implant is to provide a high concentration of local gentamicin at the site of implantation. The Diacoll™ comes prepacked and sterile and is intended for single use only.

Indications :

- | Diabetic Foot Ulcers.
- | Orthopedic Surgery.
- | Treatment of osteomyelitis and soft tissue infections.
- | Abdominal wound infections.

Directions for use :

In all cases standard established sterile surgical procedure must be observed.

Diacoll™ should be cut to the desired size to ideally extend 2-3mm beyond the edge of the defect(s).

The sheet once wet with blood tends to adapt extremely well to the bone / tissue walls.

Application of Diacoll™ Implant on first Day.

- A) Prepare the wound bed
 - 1) A] Change and dispose of the old dressing in a safe, careful and appropriate manner.
- B] Accomplish appropriate wound debriment.
 - 1) Irrigate the wound gently and carefully with sterile saline water until wound is free of debris, necrotic slough etc.
 - 2) Gently blot wound edges and peri-wound margins dry.
- C] Apply Diacoll™

1) Take the appropriate size of the diacoll™ Cut open t h e sterile pouch.

2) Cut the Diacoll™ according to the shape of the wound and apply it to the wound surface.

3) When applied to the wound surface it tends to adapt extremely well to the bone / tissue walls.

D] Wound care dressing

1) The area may be covered with Gauze dressing if desired.

Precautions & Comments :

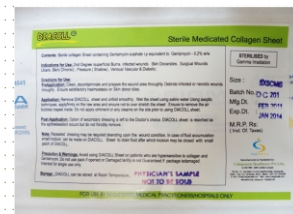
- | Wounds may appear larger during first several days of treatment due to reduction of edema.
- | An increase in drainage may be seen in the first several days of treatment.
- | Treatment of the underlying conditons (Venous or arterial flow, external pressure as well as nutritional support should proceed concurrently with the use of Diacoll™.
- | Avoid patient hypersensitive to Collagen, Gentamicin.
- | A transient burning sensation may be experienced by a small percentage of patients.

How supplied :

Diacoll™ Implant is supplied in the following sizes in a gamma sterilized pouch.

Sizes Available :

5cmx5cm, 10cmx10cm, 15cmx30cm, 15cmx65cm



DIABETIC FOOT ULCER