



**ColoGenesis** HealthCare Pvt. Ltd.  
A Leading Collagen Manufacturer, India.

Presents

# DiaColl

Sterile DRY COLLAGEN Sheet with GENTAMICIN

DiaColl

## Product Description :

Diacoll™ is a Collagen - Gentamicin Sheet in the form of a transparent film containing collagen and gentamicin sulphate. The Diacoll™ is composed of highly purified type - I collagen 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.

## Indications

Diabetic foot ulcers.  
Orthopaedic surgery.  
Treatment of osteomyelitis and soft tissue infections.  
Abdominal wound infections.

## How supplied :

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

## Available Sizes

- | 5 X 5 cms
- | 10 X 10 cms
- | 15 X 30 cms
- | 15 X 65 cms

# Mechanism Of Action

Diacoll™ comprises of a collagen sheet incorporated with gentamicin sulphate. When applied on the wound the collagen acts as a vehicle for the antimicrobial gentamicin. Collagen is absorbed slowly by the tissue in 6 to 10 days after its 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.

## 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 conditions (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.

## Application of Diacoll™ Implant on first Day.

**Prepare the wound bed :** Change and dispose of the old dressing in a safe, careful and appropriate manner. Accomplish appropriate wound debridement.

Irrigate the wound gently and carefully with sterile saline water until wound is free of debris, necrotic slough etc.

**Gently blot wound edges and peri-wound margins dry.**

**Apply Diacoll™** Take the appropriate size of the Diacoll™ cut open the sterile pouch.

Cut the Diacoll™ According to the shape of the wound and apply it to the wound surface.

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

**Wound care dressing :** The area may be covered with gauze dressing if desired.

## 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.

Day 1



Day 3



Day 7



Day 15

