



ColoGenesis Healthcare

# NanoColl-D

Sterile Dry Type-1 Collagen Sheet With Nanocrystalline Silver

NanoColl-D is our advanced wound care product, a completely resorbable Type 1 Collagen sheet combined with NanoCrystalline Silver. This innovative product is designed to provide superior wound healing and infection control, leveraging the natural healing properties of Type 1 collagen and the potent antimicrobial effects of Nanocrystalline Silver. Highlighting our commitment to quality, NanoColl-D features a long chain of triple helix structure, ensuring high tensile strength and durability.



## Why Choose **NanoColl-D** ?

Advanced Nano Crystalline Silver.

Completely resorbs.

Breaks Bio-film Barrier.

Easy Application.

Purest Type 1 Collagen.

## INDICATIONS

- Chronic wounds (e.g., venous ulcers, diabetic foot ulcers, pressure ulcers)
- Acute wounds (e.g., surgical wounds, trauma wounds)
- Partial and full-thickness wounds.
- First and second-degree burns
- Donor sites and skin grafts
- Infected wounds (under medical supervision)

# How It Works

- **Type 1 Collagen:** NanoColl-D uses Type 1 collagen, known for its high tensile strength due to its long chain of triple helix structure. This provides robust support for tissue regeneration.
- **Antimicrobial Action:** Nanocrystalline silver disrupts bacterial cell membranes and inhibits bacterial DNA replication, effectively reducing bioburden and preventing infection.
- **Biocompatibility:** The resorbable nature of NanoColl-D means it is gradually absorbed by the body, reducing the need for frequent dressing changes and lowering the risk of wound disturbance.

Pathogen	Control	Silver Aqusol	Structured Silver
Staphylococcus	0%	92.00%	99.90%
MRSA	0%	92.00%	99.89%
Pseudomonas	0%		99.93%
E-Coli	0%		99.91%
Salmonella	0%		99.99%
Candida albicans	0%		99.97%
Streptococcus	0%		99.99%

(Foundation for Alternative and Integrative Medicine, 2023)

"Structured silver destroys all categories of pathogens within 5 minutes. And thus so at a level of 99.99%, while the acidic silver aqua sol only destroyed 92% in 5 min"

THE MOST ADVANCED SILVER TECHNOLOGY YET...

# Usage Instructions

- Cleanse the wound area thoroughly before application.
- Cut the NanoColl-D sheet to fit the wound size and shape.
- Apply directly to the wound bed, ensuring full contact with the wound surface.
- Secure with an appropriate secondary dressing.
- Replace as needed, typically up to seven days, based on the level of exudate and clinical assessment.

# Precautions & Warning

- Not recommended for patients who are allergic to collagen or silver.
- The product is not indicated for the treatment of third-degree burns.

Developed & Manufactured By

# ColoGenesis Healthcare Pvt. Ltd.

We Promise Accelerated Healing



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