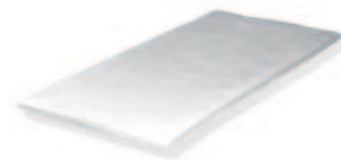


Regeneration

# Sinoss Collagen Fleece

The resorbable native collagen fleece for highly effective soft tissue woundmanagement

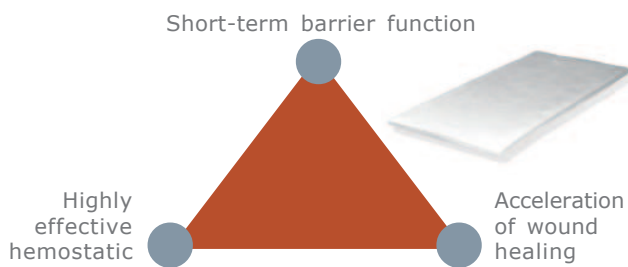


# Sinoss Collagen Fleece

Good barrier function, easy handling and high hemostatic effect for a reliable healing

Sinoss® Collagen Fleece is an absorbable collagen fleece with superior properties. It provides rapid absorption and high biocompatibility, easy handling and excellent hemostasis to reduce conventional treatment problems. Sinoss® Collagen Fleece is the ultimate solution for effective soft tissue treatment: It promotes wound healing in conjunction with a short term barrier function of approximately 2-4 weeks. Sinoss® Collagen Fleece enables the control of bleeding, the stabilization of blood clots and protects the wound to facilitate the healing process.

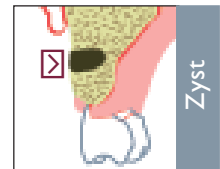
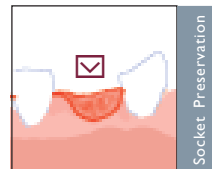
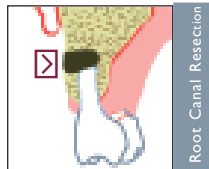
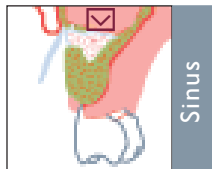
## The Sinoss® Collagen Fleece: triple mechanism of action



Sinoss® Collagen Fleece is a pure, native, absorbable, 99% of type I porcine collagen. It is used for hemostasis of capillary and parenchymatous bleeding in the dental surgery and implantology used especially in situations where conventional approaches are inadequate or difficult to perform.

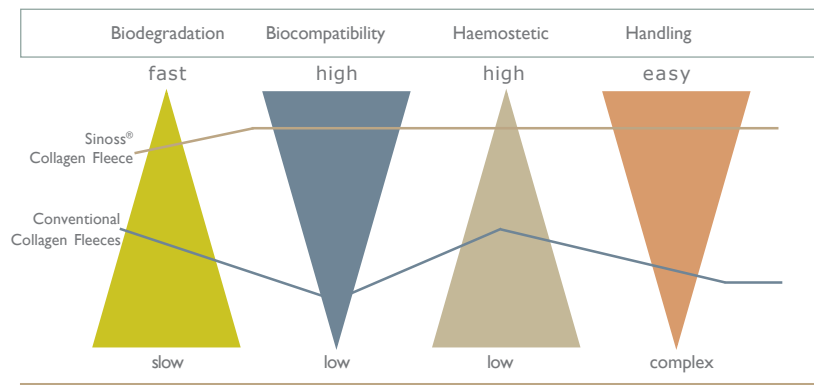
## Indications: Implantology, Periodontology, Maxillo-Facial, Endodontics

1. Minor oral wounds; 2. Closure of grafted sites; 3. Repair of Schneiderian Membrane; 4. Extraction sites; 5. Mucosal flaps; 6. Biopsy sites; 7. Covering the sinus lift window; 8. Periodontal bone defects; 9. Stabilization of the blood clot in osseous defects



## The overview of the properties of Sinoss® Collagen Fleece

### The biological properties of Sinoss® Collagen Fleece



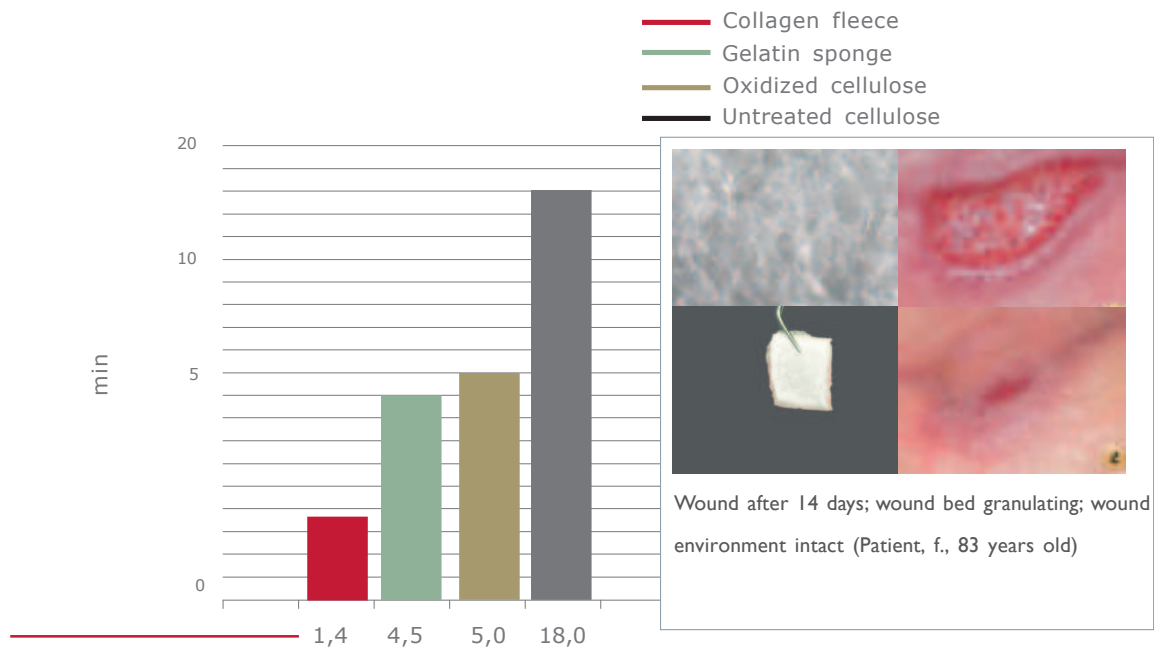
The Sinoss® Collagen Fleece offers superior properties.

1. pH-neutral; 2. Short-term barrier function (resorption time approx. 2-4 weeks); 3. High adhesive properties in a wet environment; 4. Absorbable by rapid degradation due to enzymatic reactions; 5. easy applicability; 6. Stable in contact with blood and during the application; 7. Highly effective local hemostatic

## Effectiveness of dermal regeneration with porcine collagen: epithelialization, vascularization and matrix integration

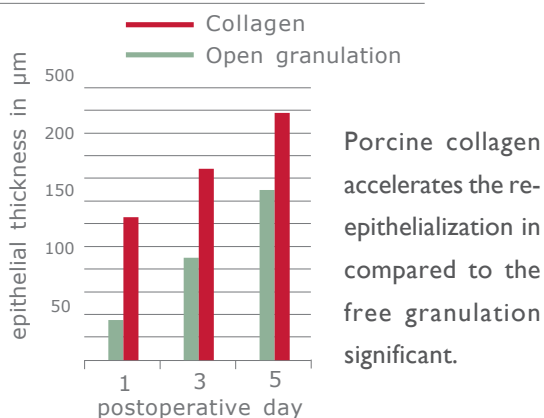
Collagen fleeces demonstrates a significantly higher effectiveness as gelatin or cellulose sponges. In addition, they are rapidly and completely absorbed by the body and promotes granulation and epithelialization of the natural collagen.

Bleeding time in comparison



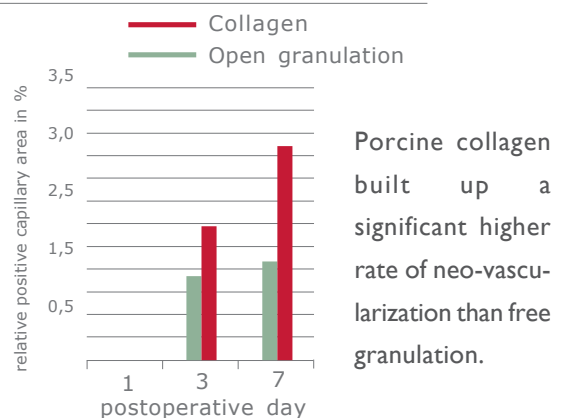
Resorbable collagen are used to dress oral wounds, for closure of graft and extraction sites, and to promote healing. Collagen-based products also have been used in periodontal and implant therapy as barriers to prevent epithelial migration and allow cells with regenerative capacity to repopulate the defect area. Clinical studies showed that epithelial growth and neo-vascularization are very important in order to avoid most critical problems in the healing periods. (Sahota et al., 2003, Sahota et al. In 2004, Schultz et al., 2003).

Epithelial thickness



Dr. med. Falk Wehrhan

Neo-vascularization



Dr. med. Falk Wehrhan

The usage of porcine collagen is able to establish a significant higher rate of new epithelial thickness and neo-vascularization and enables collagen fleeces like Sinoss® Collagen Fleece to become a matrix for tissue-engineering.

## To meet international standards

Sinoss® Collagen Fleece carries the CE mark. The quality of the product meets the expectations of our customers. Sinoss® Collagen Fleece comply with the basic requirements defined in the European laws and directives relating to medical devices with regard to product performances and patient safety. Besides EN/ISO 9001 and I 3485, the product has also been certified according to EC Directive 93/42/EEC Annex II, Article III Full Quality Assurance System Medical Devices for medical products.

### The summary of the benefits of Sinoss® Collagen Fleece

- Fast and sustainable hemostatic effect
- Accelerated wound healing
- Stop of bleeding after 10 - 20 sec.
- Fast decomposition (completed after approx. 30 days)
- The fleece is replaced with granulation tissue
- No removal necessary
- The fleece can be: cutted, rolled or folded
- Should be used in dry status
- The fleece is stable even when wet
- It can be easily placed and replaced, because it becomes not sticky even when bloodily

## Product specifications

Sinoss® Collagen Fleece is a product Class III and supplied in sterile, individual packs in the following configuration.

### Order information

Code	Brand	Dimension/piece	Quantity/unit
1510	Sinoss® Collagen Fleece	22x27mm	5 pieces
1511	Sinoss® C Collagen Fleece	45x55mm	5 pieces

## References

The overview of the literature list is available upon request.

Distributor