

# Case study: Bilateral dorsal foot wounds

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**Smith+Nephew**

Collagenase  
**SANTYL**   
Ointment 250 units/gram

## Patient

68-year-old patient arrived at office with wounds on feet. Primary medical history includes diabetes, peripheral neuropathy, and peripheral artery disease with prior endovascular intervention. Surgical history includes prior right 5th toe amputation for osteomyelitis in past. Presented to office with bilateral pressure injury wounds from wearing new non-diabetic type shoes.

## Wound presentation



- Wound measurements:  
L: 5.0cm, x 3.0cm x 0.1cm  
R: 3.5cm x 2.5cm x 0.1cm
- Mild peri-wound erythema
- Fibrinous dry slough present on both wounds

## Treatment

Wounds sharp debrided, started on silver dressings. SANTYL Ointment debridement daily with instructions to start once delivered (and discontinue silver dressing).

Patient had a follow up 7 days later where her wounds measured 4.0cm x 2.0cm x 0.1cm (left foot) and 2.2cm x 1.8cm x 0.1cm (right foot). The wound was sharp debrided and SANTYL Ointment was continued with non-adherent moist gauze dressings.



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## Treatment



- Wound measurements:  
L: 2.5cm x 1.5cm x 0.1cm  
R: 1.5cm x 1.0cm x 0.1cm
- Sharp debridement
- Continued SANTYL<sup>o</sup> Ointment daily with non-adherent moist gauze dressings



- Wound measurements:  
L: 1.0cm x 0.5cm x 0.1cm  
R: 0.5cm x 0.4cm x 0.1cm
- Sharp debridement
- Continued SANTYL Ointment for one more week then back to silver collagen and gauze dressings



- Wound measurements:  
L: closed  
R: 0.5cm x 0.2cm x 0.1cm
- No sharp debridement needed
- Continued silver collagen and gauze dressings to right foot wound



- Wound measurements:  
L: closed  
R: 0.1cm x 0.1cm x 0.1cm
- Continued silver collagen and gauze dressing to right foot
- Wound on right closed on week 18

### Important Safety Information

**Indications:** Collagenase SANTYL Ointment ("SANTYL") is prescription-only medication indicated for debriding chronic dermal ulcers and severely burned areas. **Contraindications:** SANTYL is contraindicated in patients who have shown local or systemic hypersensitivity to collagenase. **Warning and Precautions:** The optimal pH range of collagenase is 6 to 8. Higher or lower pH conditions will decrease the enzyme's activity and appropriate precautions should be taken. The enzymatic activity is also adversely affected by certain detergents, and heavy metal ions such as mercury and silver which are used in some antiseptics. As such, the wound should be properly cleansed prior to application of SANTYL. Debilitated patients should be closely monitored for systemic bacterial infections because of the theoretical possibility that debriding enzymes may increase the risk of bacteremia. A slight transient erythema has been noted occasionally in the surrounding tissue, particularly when SANTYL was not confined to the wound. SANTYL is not indicated for wound closure. Discontinue use of SANTYL after granulation tissue is well-established.

**Adverse Reactions:** No allergic sensitivity or toxic reactions have been noted in clinical use when used as directed. The risk information provided herein is not comprehensive. For complete prescribing information, please refer to the accompanying PI or visit: <https://santyl.com/sites/default/files/2019-12/SANTYL-PI.pdf>. You are encouraged to report negative side effects of prescription drugs to FDA. Visit MedWatch or call 1-800-FDA-1088.