

Chronic Osteomyelitis Wound Care

By Dr. Charles Cabuquit, Ortho-Wound Care Surgeon

Place: HilomWound Care Center in Manila, Philippines

Study Initiated on: October 2023

Sex: Female

Type of Wound: Chronic Osteomyelitis In The Left Tibia

SilverStream Treatment :

Application: 3ml of Silver Stream Solution is applied twice daily using a dropper.

Dressing: Silverstream solution is used as a primary dressing with a semi-occlusive secondary dressing.

Wound Condition before SilverStream:

The patient presented with chronic osteomyelitis in the left tibia, following open reduction internal fixation for a previous tibia fracture, exhibiting a draining sinus on the medial aspect of the distal leg.



Chronic Osteomyelitis Wound Care

Baseline
Sep 21st, 2023



MEDIAL aspect of distal leg, with draining sinus

AFTER SILVERSTREAM –
Sep 27th, 2023



MEDIAL aspect of distal leg, noted with decrease in swelling and size of draining sinus

AFTER SILVERSTREAM –
Oct 5th, 2023



MEDIAL aspect of distal leg, decreased in size of draining sinus and output

Chronic
Osteomyelitis L
tibia ,s/p open
reduction IM
nailing for
previously open
tibia fracture
P> admission, for
IV antibiotics



ANTERIOR aspect of distal leg

Day 6 of admission and IV antibiotics,
noted improvement in labs and clinical
status
Discharged on oral antibiotics

Wound care at home with SilverStream

2 weeks on antibiotics
(1week IV,1 week oral)

SilverStream on Homecare

Chronic Osteomyelitis Wound Care

**BEFORE SILVERSTREAM –
21 September 2023**



**AFTER SILVERSTREAM –
3rd week
14 October 2023**



3rd week using SilverStream, completed 2 weeks antibiotics



OCTOBER 14, 2023

ANTERIOR and MEDIAL aspects of the left leg, showing decreased size of sinus

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Baseline
Sep 21st, 2023

**AFTER SILVERSTREAM –
3.5 Weeks
21 October 2023**

Completed 3.5 weeks of wound care with SilverStream solution, pre-op picture before planned debridement and removal of implant

OCTOBER 21, 2023



MEDIAL aspect of the left leg (close-up picture), showing decreased size of sinus