

Supplementary Table S1. Overview of the presented cases.

Case No.	Gender/age (years)	Patient characteristics	Wound type and location	Previous treatments	Signs of infection	Bacterial determination	Pain VAS (score 1-10)	Antibiotic treatment
1	Female (57)	Ovarian and breast cancer, DM	Dehiscence of the surgical scar at left breast	Bioceramic sterile dressing applied for three months	Local: Delayed healing, pain	not performed	Daytime - 5 Procedural - 8	No
2	Male (43)	CHVI, DM, obesity (BMI 30), repeated venous lower ulcers	Venous leg ulcer at right lower leg	Iodinated povidone solution	Local: pain, erythema, local warmth, exudate, delayed healing, malodour	Enterococcus faecalis, Escherichia coli	Daytime - 8 Procedural - 9	No
3	Male (72)	CHVI, DM, HT, condition after thrombosis of the right lower leg	Venous leg ulcer at right lower leg	Iodinated povidone solution Antibiotic treatment – Ampicillin (tablets)	Local: pain, delayed healing, malodour	Enterococcus faecalis, Escherichia coli	Daytime - 6 Procedural - 9	No
4	Female (75)	CHVI, DM, HT, condition after varices surgery on the left lower leg	Venous leg ulcer at left lower leg	antiseptic dressing with silver nanoparticles	Local: pain, delayed healing	Staphylococcus aureus	Daytime - 5 Procedural - 7	No
5	Male (59)	Repeated diabetic gangrene, repeated amputation of fingers on the right foot, diabetic neuropathy DM, HT, obesity (BMI 32)	Diabetic foot ulcer at right foot	Iodinated povidone solution Antibiotic treatment – Gentamicin gel (local application)	Local: pain, exudate, delayed healing, malodour	Proteus mirabilis, Staphylococcus aureus, Acinetobacter baumannii	Daytime - 1 Procedural - 1	No
6	Male (54)	CHVI, HT, DM, hyperlipidemia, hyperuricemia	Venous leg ulcer at right lower leg	Iodinated povidone solution	Local: pain, delayed healing	Enterococcus faecalis	Daytime - 6 Procedural - 8	No
7	Male (52)	CHVI, DM, HT hyperlipidemia, hyperuricemia, morbid obesity (BMI 45), repeated venous lower ulcers	Bilateral venous leg ulcer	Iodinated povidone solution	Local: pain, delayed healing	Proteus mirabilis, Staphylococcus aureus	Daytime - 5 Procedural - 8	No
8	Female (51)	DM, HT morbid obesity (BMI 45), repeated wounds on the right foot of diabetic foot syndrome	Diabetic foot ulcer at left foot	Iodinated povidone solution	Local: pain, delayed healing	Proteus mirabilis, Staphylococcus aureus, Enterococcus faecalis	Daytime - 5 Procedural - 8	No
9	Male (49)	DM, HT, hyperlipidemia,	Venous leg ulcer at right lower leg	antiseptic dressing with silver nanoparticles	Local: pain, delayed healing, malodour	Enterococcus faecalis	Daytime - 5 Procedural - 8	No

**condition after
thrombosis of the
right lower leg**

CHVI - Chronic venous insufficiency; DM – diabetes mellitus type 2; HT – hypertension; VAS – visual analogue scale