

Appendix 2: Individual Patient Report 2: patient 2: female, 81 years old

Two ulcers on the medial malleolar region of the right leg. A small ulcer first appeared at end of September 2002, growing to the size slightly larger than first registered on September 21, 2002 (approximately 850 mm²). The patient was receiving standard treatment with optimal compression garment therapy (with compression stockings, worn during daytime) and ointment containing chlorhexidine. The dressing was changed on a daily basis by a visiting nurse. At the start of her wIRA treatment the patient reported minimum discomfort and she was taking analgesic tablets a few times a week (usually before bed time). At the end of the wIRA treatment period the ulcer had completely healed.

This ulcer is classified as a venous ulcer (v) (chronic venous insufficiency stage 3 according to Widmer, which means chronic venous insufficiency with ulcer) without concomitant problems in Table 1 in the results section.

Total number of treatments:	14
First treatment:	2002-12-04
Last treatment:	2003-01-21
Total treatment period:	47 days



2002-12-04

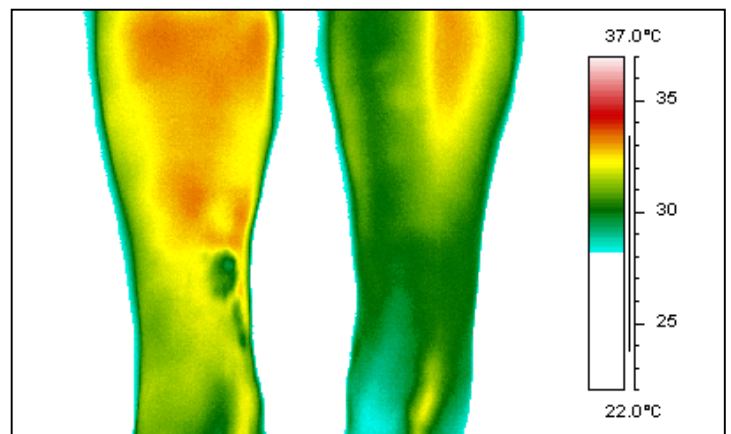
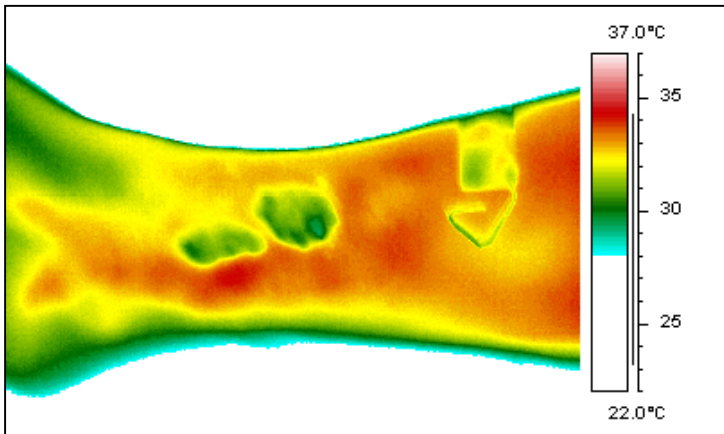


2003-01-21

Treatment set-up with wIRA radiator

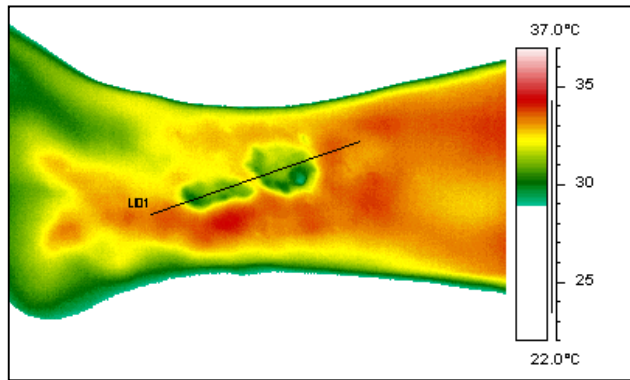


Treatment: 30 minutes per session; radiator distance: 25 cm

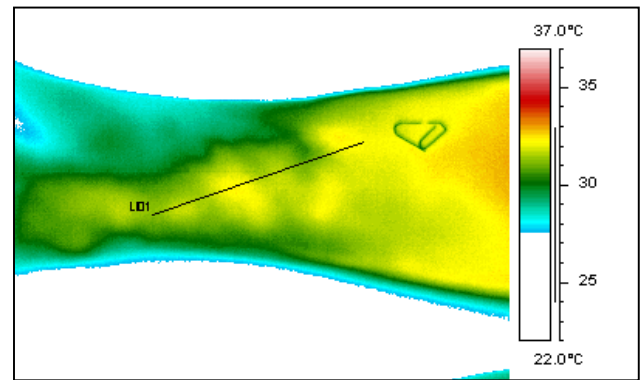


Infrared images of the ulcer

2002-12-04

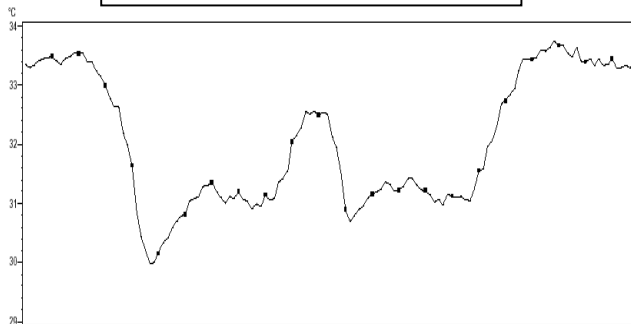


2003-01-21

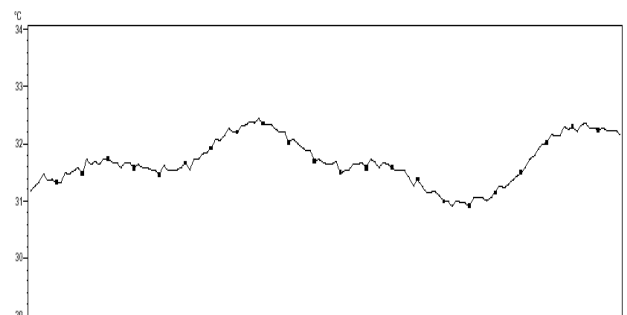


Note the large temperature difference between the ulcer base and the surrounding skin at the beginning (approximately 3.5°C)!

Label	Min	Max	Avg
LI01	30.0	33.8	32.1

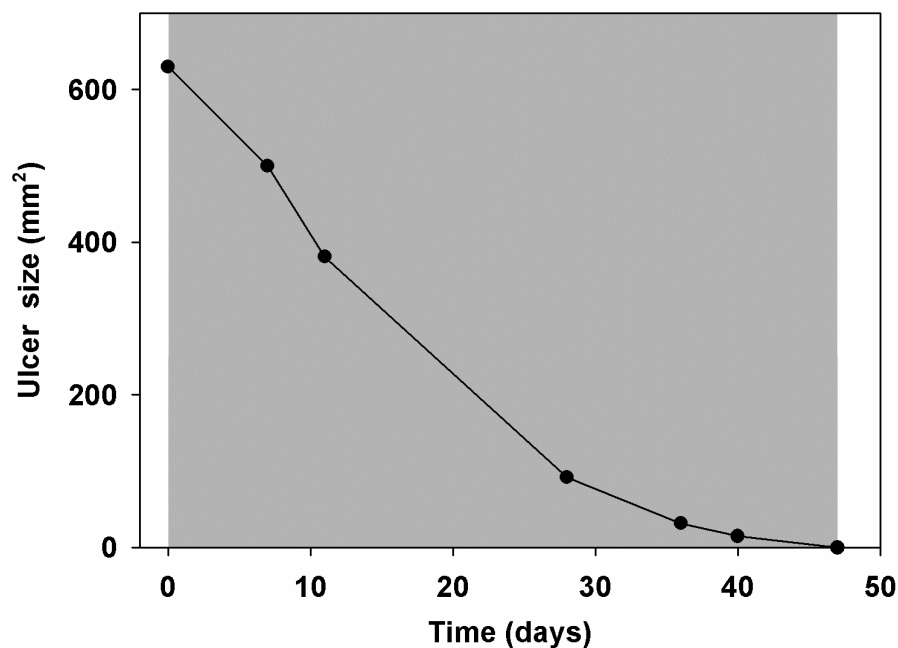


Label	Min	Max	Avg
LI01	30.9	32.4	31.7



Temperature profiles through the infrared images

Ulcer size (patient 2)



Note: In all figures showing results related to time, the grey shaded area represents the entire wIRA treatment period for this patient (i.e., the total time period between the first and the last treatment).

