

VIBRO-PULSE™ CASE STUDY: Venous leg ulceration.



SUMMARY:

- 83 year old
- Venous Leg Ulcer 4 years
- 65% wound healing by week 12.

PATIENT INFORMATION:

Mrs W, 83 year old female. Has a long history of bilateral venous ulceration. Prior to commencing VIBRO-PULSE therapy Mrs W required daily dressing and bandage changes to control significant wound exudate. An alginate and compression bandaging were applied daily to the leg.

The skin around the wound was extremely fragile with Pustular Dermatoses for which Trimovate was prescribed. Patch testing had shown allergies to lanolin, hydrocortisone, colophony and parabens.

On commencing cycloidal vibration therapy (VIBRO-PULSE™) Mrs W had an ulcer on her left medial gaiter, size 28.75 cm sq which had been present for 4 years.

Cycloidal Vibration Therapy (VIBRO-PULSE™): started 3 x a day for 30 minutes per treatment. Mrs W self administered the treatment.

DRESSINGS / BANDAGING: Mrs W continued to receive daily changes of dressing and compression bandaging.

EXUDATE: there was a significant amount of wound exudate

PAIN: scale (0 = no pain to 5 = severe) Pain at night had proved a problem Mrs W recorded a score of 4.

WEEK 3 of VIBRO-PULSE™:

WOUND: The leg ulcer was reducing in size .

EXUDATE: wound exudate had reduced.

PAIN: scale (0 = no pain to 5 = severe) pain had reduced Mrs W recorded a score of 1

DRESSINGS / BANDAGING: dressings were reduced to three times per week with a non-adherent primary dressing pad, Soffban and compression bandaging.

WEEK 4 of VIBRO-PULSE™:

EXUDATE: Exudate was more manageable and the ulcer and oedema were reducing

WEEK 12 of VIBRO-PULSE™:

WOUND: At the end of 12 weeks the ulcer had reduced by 65% to 10cm sq



Left leg before and after 12 weeks VIBRO-PULSE therapy

SATISFACTION: Mrs W commented on her pain reduction but also on her improved mobility as a result of her ulcer healing.