# VIBRO-PULSE™ CASE STUDY: Venous leg ulceration.

# (Vibro-Pulse)®

### **SUMMARY:**

- 84 year old
- Venous Leg Ulcer 6 weeks
- Scab week 4 healed week 6

## PATIENT INFORMATION: Miss D, 84 year old female.

An 84 year old female patient Miss D has a history of recurrent venous ulceration and has impaired mobility due to arthritis in her hips. Miss D had periods of uncompliance to Compression bandaging. Weekly 4 layer compression bandages were applied.

On commencing cycloidal vibration therapy (VIBRO-PULSE™) Miss D had an ulcer on her right lateral gaiter, size 7cmsq.

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

**DRESSINGS / BANDAGING**: Miss D continued to receive weekly compression bandaging.

**EXUDATE:** there was a moderate amount of wound exudate

**PAIN:** scale (0 = no pain to 5 = severe) Miss D recorded a score of 2.

# leg ulcer size 8 8 6 8 1 eg ulcer size leg ulcer size 1 2 3 4 5 6 7 8 Weeks



# WEEK 3 of VIBRO-PULSE™:

**WOUND**: The leg ulcer was 90% healed to form a scab.

**EXUDATE:** there was no wound exudate.

PAIN: scale (0 = no pain to 5 = severe) Miss D recorded a

score of 0.5

# WEEK 4 of VIBRO-PULSE™:

**WOUND**: The leg ulcer had healed and formed a scab.

## WEEK 6 of VIBRO-PULSE™:

**WOUND**: The scab had resolved and the wound had healed.



Right leg before and after 6 weeks VIBRO-PULSE therapy

**SATISFACTION:** Miss D commented that not only had her pain reduced but she had not experienced any pain at night since starting the treatment and that her mobility had also improved.