

# CASE STUDY: Cellulitis / Oedema comparing VIBRO-PULSE™ to standard treatment.



## SUMMARY:

- Mr. B 44 years old and Mr H 63 years old both had lower leg Cellulitis.
- Mr B treatment antibiotics compared to Mr H antibiotics and VIBRO-PULSE.
- Mr B antibiotics alone 50% Cellulitis reduction DAY 7.
- Mr H antibiotics and VIBRO-PULSE 75% reduction DAY 7.

### STANDARD TREATMENT

**PATIENT INFORMATION:** Mr B is 44 years old.

**CELLULITIS:** of the left leg. **OEDEMA:** The leg was swollen circumference of the calf 39cm, thigh 52cm. **PAIN:** Pain was level 3 (1=mild to 5 =excruciating)

**STANDARD TREATMENT:** IV and oral antibiotics IV 500 mg Clarithromycin QDS.

**DAY 7: CELLULITIS:** 50% reduction in erythema / Cellulitis. **OEDEMA:** 2% increase. Circumference calf 39 cm thigh 54 cm. **PAIN:** Pain was level 0 (1=mild to 5 =excruciating).

It was noted that the foot and ankle area remained red and swollen.

### COMPARED TO: VIBRO-PULSE™

**PATIENT INFORMATION:** Mr H is 63 years old with a history of Ischemic Heart disease, angina and severe recurrent Cellulitis.

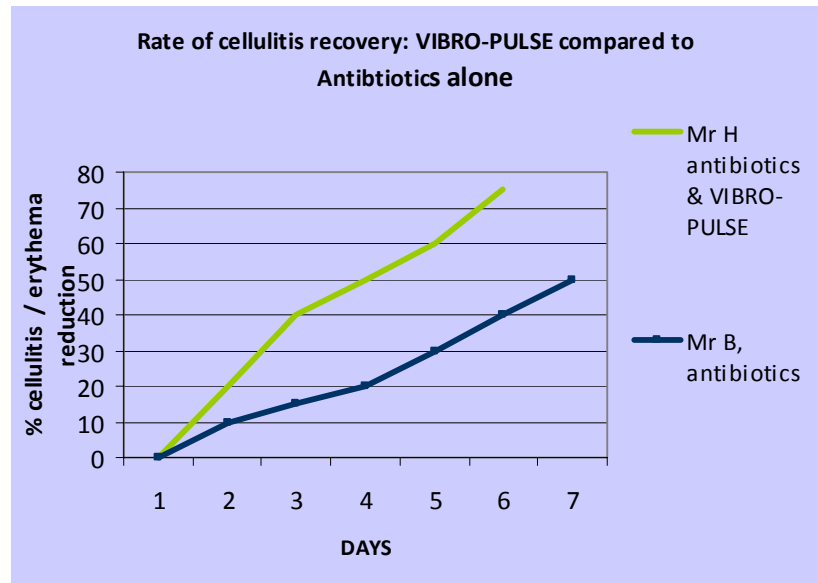
**CELLULITIS:** very severe right leg **OEDEMA:** The leg was swollen circumference of the calf 46cm, thigh 52cm. **PAIN:** Pain was level 2 (1=mild to 5 =excruciating)

**STANDARD TREATMENT:** commenced IV and oral antibiotics IV 1.2gm Benzylpenicillin and 1gm Flucloxacillin. QDS. **PLUS VIBRO-PULSE™: Cycloidal Vibration Therapy:** 3 x a day for 30 minutes per treatment on the lower leg.

**DAY 6 of VIBRO-PULSE™: CELLULITIS:** 75% reduction in erythema / Cellulitis. **OEDEMA:** 16% reduction. Circumference calf 38cm thigh 45cm. **PAIN:** Pain was level 1 (1=mild to 5 =excruciating).

**SUMMARY:** Mr H has suffered with severe reoccurring Cellulitis. Tissue viability nursing staff stated that previously it had taken 2 months of treatment to achieve the same results seen in 6 days using VIBRO-PULSE. VIBRO-PULSE can reduce Cellulitis treatment time by 50% or more when used in conjunction with antibiotic treatment.

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*Mr B: Antibiotics alone only 50% Cellulitis / oedema reduction day 7  
Foot and ankle remained swollen*



*Mr H: Antibiotics and VIBRO-PULSE 75% Cellulitis / oedema reduction day 6.*

