

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



## SUMMARY:

- Mrs. S 85 years old and Mr. B 74 years old both had lower leg Cellulitis.
- Mrs. S treatment antibiotics compared to Mr. B antibiotics and VIBRO-PULSE.
- Mrs. S antibiotics alone 50% Cellulitis reduction DAY 7.
- Mr. B antibiotics and VIBRO-PULSE 100% reduction by DAY 5.

## STANDARD TREATMENT

**PATIENT INFORMATION:** Mrs. S is 85 years old. A history of angina, Ischemic heart disease and hypertension.

**CELLULITIS:** right leg. **OEDEMA:** circumference of the ankle 25cm, calf 39cm, thigh 57cm. **PAIN:** Pain was level 3 (1=mild to 5 =excruciating)

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

**DAY 7: CELLULITIS:** 50% reduction in erythema / Cellulitis. **OEDEMA:** 5% reduction. Circumference ankle 25cm, calf 38 cm, thigh 52 cm. **PAIN:** Pain was level 0 (1=mild to 5 =excruciating).

## COMPARED TO: VIBRO-PULSE™

**PATIENT INFORMATION:** Mr B is 74 years old with a history of angina.

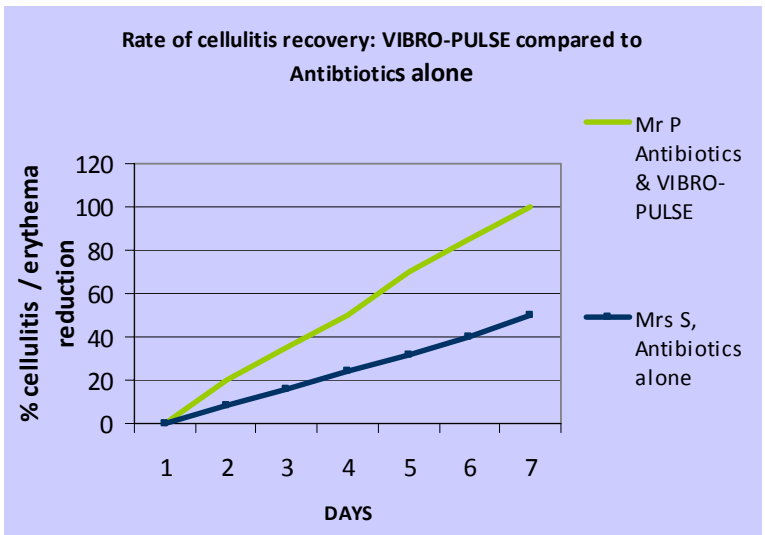
**CELLULITIS:** left leg **OEDEMA:** swollen circumference of the ankle 26cm, calf 41cm, thigh 51 cm. **PAIN:** Pain was level 2 (1=mild to 5 =excruciating)

**STANDARD TREATMENT:** commenced IV and oral antibiotics IV 1.2gm Benzylpenicillin and 500mg Flucloxacillin. QDS. **PLUS VIBRO-PULSE™: Cycloidal Vibration Therapy:** 3 x a day for 30 minutes per treatment on the lower leg.

**DAY 5 of VIBRO-PULSE™: CELLULITIS:** 100% reduction in erythema / Cellulitis. **OEDEMA:** 5% reduction. Circumference ankle 25cm calf 38cm thigh 49cm. **PAIN:** Pain was level 0 (1=mild to 5 =excruciating).

**SUMMARY:** Mrs S having standard treatment had 50% Cellulitis reduction by **DAY 7**. Compared to Mr B with VIBRO-PULSE who had **100% reduction by DAY 5**.

VIBRO-PULSE can reduce Cellulitis treatment time by 50% or more when used in conjunction with antibiotic treatment.



*Mrs S: Antibiotics alone 50% Cellulitis reduction DAY 7*



*Mr B: Antibiotics and VIBRO-PULSE 100% Cellulitis reduction DAY 5.*

