

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



## SUMMARY:

- Mrs. S 65 years old and Mrs. P 80 years old both had lower leg Cellulitis.
- Mrs. S treatment antibiotics compared to Mrs. P antibiotics and VIBRO-PULSE.
- Mrs. S antibiotics alone 75% Cellulitis reduction DAY 7.
- Mrs. P antibiotics and VIBRO-PULSE 75% reduction by DAY 3.

## STANDARD TREATMENT

**PATIENT INFORMATION:** Mrs. S is 65 years old.

**CELLULITIS:** right leg. **OEDEMA:** circumference of the ankle 34cm, calf 40cm, thigh 53cm. **PAIN:** Pain was level 1 (1=mild to 5 =excruciating)

**STANDARD TREATMENT:** IV and oral antibiotics IV 1gm Flucoxacillin and 1.2gm Benzilpenicillin QDS.

**DAY 7: CELLULITIS:** 75% reduction in erythema / Cellulitis. **OEDEMA:** 6% reduction. Circumference ankle 30cm, calf 39 cm, thigh 50 cm. **PAIN:** Pain was level 0 (1=mild to 5 =excruciating).

## COMPARED TO: VIBRO-PULSE™

**PATIENT INFORMATION:** Mr P is 80 years old with a history of DVT and hypertension.

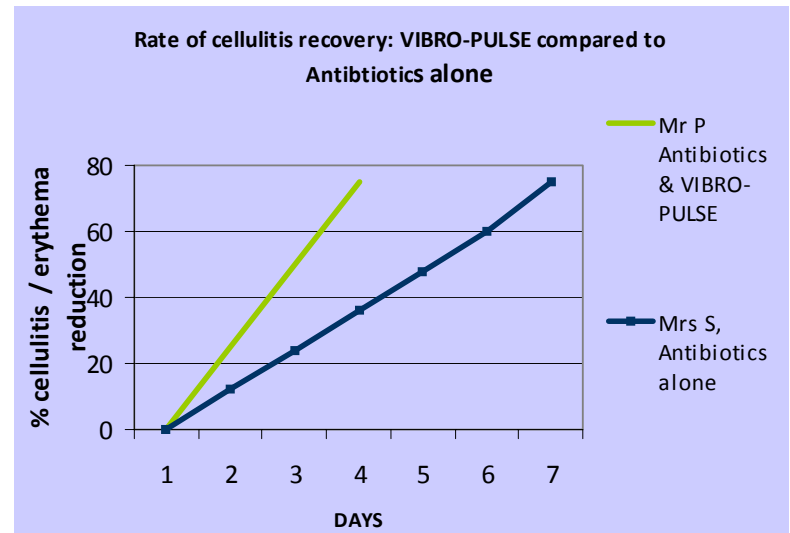
**CELLULITIS:** left leg **OEDEMA:** swollen circumference of the ankle 28cm, calf 43cm, thigh 58 cm. **PAIN:** Pain was level 2 (1=mild to 5 =excruciating)

**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.

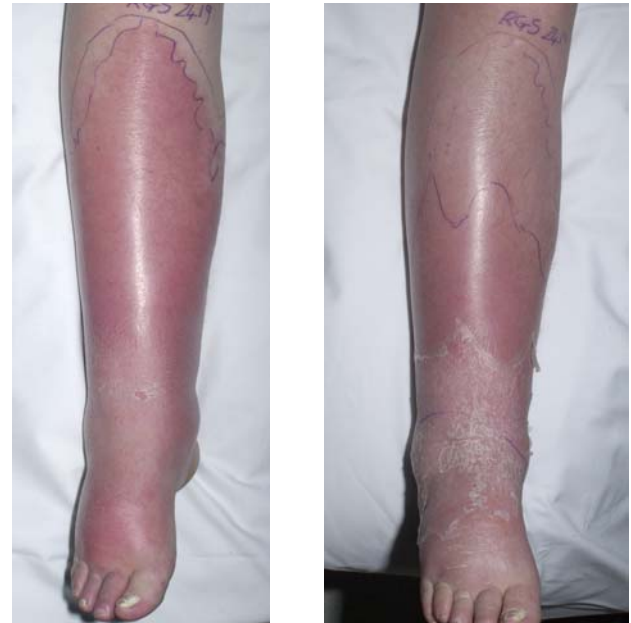
**DAY 3 of VIBRO-PULSE™: CELLULITIS:** 75% reduction in erythema / Cellulitis. **OEDEMA:** 3% reduction. Circumference ankle 27cm calf 41cm thigh 57cm. **PAIN:** Pain was level 0 (1=mild to 5 =excruciating).

**SUMMARY:** Mrs S having standard treatment had 75% Cellulitis reduction by **DAY 7**. Compared to Mr P with VIBRO-PULSE who had **75% reduction in half the time by DAY 3**.

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



**Mrs S: Antibiotics alone 75% Cellulitis reduction DAY 7**



**Mr P: Antibiotics and VIBRO-PULSE 75% Cellulitis reduction DAY 3.**

