

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.

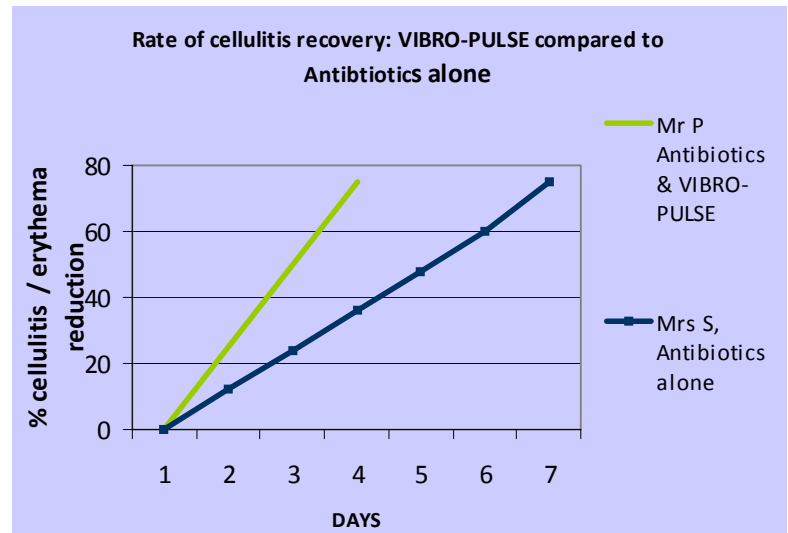
CELLULITIS: left leg **OEDEMA:** swollen circumference of the ankle 28cm, calf 43cm, thigh 58 cm. **PAIN:** Pain was level 2 (1=mild to 5 =excruciating)

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.

