

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



SUMMARY:

- Mr. B 46 years old and Mrs. P 80 years old both had lower leg Cellulitis.
- Mr B treatment antibiotics compared to Mrs. P antibiotics and VIBRO-PULSE.
- Mr. B antibiotics alone 50% Cellulitis reduction DAY 7.
- Mrs. P antibiotics and VIBRO-PULSE 75% reduction DAY 6.

STANDARD TREATMENT

PATIENT INFORMATION: Mr. B is 46 years old, history of angina.

CELLULITIS: right leg. **OEDEMA:** circumference of the ankle 26.5cm calf 38cm, thigh 51cm. **PAIN:** Pain was level 3 (1=mild to 5=excruciating)

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

DAY 7: CELLULITIS: 50% reduction in erythema / Cellulitis. **OEDEMA:** no change. Circumference ankle 26.5cm calf 37.5 cm thigh 51 cm. **PAIN:** Pain was level 1 (1=mild to 5=excruciating).

COMPARED TO: VIBRO-PULSE™

PATIENT INFORMATION: Mrs P is 80 years old with a history of hypertension.

CELLULITIS: left leg **OEDEMA:** swollen circumference of the ankle 28.5cm calf 43cm, thigh 58cm. **PAIN:** Pain was level 2 (1=mild to 5=excruciating)

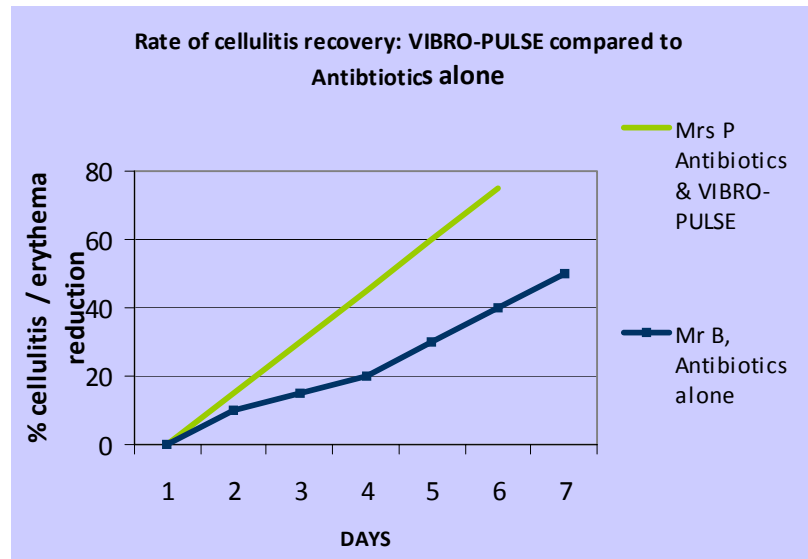
STANDARD TREATMENT: commenced IV and oral antibiotics IV 1.2gm Benzylpenicillin and 500mg Flucloxacillin. QDS. **PLUS VIBRO-PULSE™: Cycloidal Vibration Therapy:** 3 x a day for 30 minutes per treatment on the lower leg.

DAY 6 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: Mr B 46 year's old only 50% Cellulitis reduction by **DAY 7**. Compared to with VIBRO-PULSE Mrs. P 80 years old with 75% reduction by day 6.

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



Mrs P: Antibiotics and VIBRO-PULSE 75% Cellulitis reduction day 6.

