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.

COMPARSED 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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