

# Nexus Optima Air-Float Mattress system

## UK clinical trials, positive outcomes.

### University of Worcester:

Under the guidance of Richard White, Professor of Tissue Viability, extensive successful patient experience clinical trials & pressure reduction mapping completed. Excellent outcomes in reduced interface pressures together with 3 very successful community based clinical user evaluations written up by Geoffrey Thompson, Independent Tissue Viability Nurse Consultant, his Paper being published as a 'Product Review' in the prestigious quarterly Wounds UK September 2008.

### RJAH Orthopaedic Hospital - Midlands Centre for Spinal Injuries - Oswestry:

WS El Masry, Consultant & Director of MCSI, endorses Optima following clinical evaluations of users with spinal section, improved clinical outcomes, quick improvement of pressure ulcers, easy/unfussy to use. No motion sickness as experienced with APAMs, no migration as induced with alternating on APAMs. Suitable for use in ICU environment.

### Warwickshire PCT South:

Practice based trial with female bilateral lower limb amputee resulted in excellent recovery of four & half year unhealed pressure ulcer, greatly improved transfer & improved sleep quality. TVN compiled Case Study submitted as part of Wounds UK article.

### MS Patient - Worcester:

Practitioner supervised practice based clinical trial. For 12 months user only able to sleep either on stair lift seat or on lavatory, experienced problems previously with APAM & no improvement in condition!

100% success in improved quality of life & pain management with Optima, averaging 6 hours sleep per night, no contraindications.

Clinical trial 'Paper' being published in April 2009 - programme of promotion to help other MS sufferers actively in progress with MS Society.

### Warwickshire PCT North:

Very successful Practitioner supervised practice based clinical trial with bilateral lower limb to thigh amputee with sub-pubic catheter. Also suffering pressure ulcer to buttocks/ sacrum, pain to stump ends through alternation on APAM.

Resulted in improvements in all areas of health plus improved ease of transfer.

4 Optima purchased for Bramcote Hospital on strength of trial results.

### South Glous. PCT:

Bariatric patient (estimated 28 stones) with MS successfully trialled with Optima. User was described as 'difficult', spent lengthy periods in wheelchair because experienced pain, pressure ulcers to heels & noise difficulties with APAM mattress.

Found Optima very beneficial, also improved general comfort when lying & seated.

### St Michaels Hospice:

Clinical trials with a number of users with end of life problems which included pressure ulcers, pain & sleep deprivation. All aspects improved for users.

Evaluations fully documented

### Muscular Dystrophy Campaign:

Clinical evaluation in progress under the supervision of Nurse Specialist in Neuro-Muscular Diseases at Leeds General Infirmary who is Clinical Advisor to MDC.

### Scio Healthcare:

Practice based clinical trial with Alzheimer sufferer resulted in the healing of grade 4 pressure ulcer, reduced pain & greatly improved comfort.