

The Benefits of Lateral Rotation in the Prevention and Treatment of Pressure Sores



verto lateral turning mattress

Patient Benefits

- Treats and prevents pressure sores.
- Therapy for post reconstructive surgery and existing pressure sores stages I through IV.
- Eliminates manual turning of patient except for personal hygiene and treatments.
- Turning action assists with pulmonary functions.
- Frequent automatic positioning promotes healing in a short period of time.
- Reduces skin interface pressure.
- Comfortable, continual, gradual turning action.
- Improves whole body circulation and reoxygenation of body tissues.
- The construction of our air chambers is unique providing zero capillary pressure along the central axis (spine).
- Reduces sleep deprivation, improves physical and emotional well being.
- Increases appetite resulting in improved nutrition for the patient.
- Reduces pain as healing is promoted.
- Lightweight and transportable, allowing patient to travel with the equipment.

Nursing Benefits

- No manual turning of patient helps to eliminate injuries to nursing staff or caregiver.
- Lightweight equipment is simple to set up, operate, maintain and clean.
- Completely automatic equipment saves time and energy.
- Multifunctioning electronic control unit.
- Multi patient use.

Financial Benefits

- Nursing time saved helps alleviate some aspects of nursing shortage.
- Reduced absenteeism of nursing staff due to back and/or wrist injuries.
- Equipment can be used with existing beds.
- Economical and cost effective.
- Very low electricity consumption - uses less electricity than a small light bulb.

General Benefits

- Described in government and other clinical testing facilities as being possibly the most efficient and cost effective system available today.
- Efficient patented designs have successful history.
- Lightweight equipment is portable.
- Minimum moving parts for long-term durability.
- Exchangeable modular individual parts.
- Modular design permits construction of different lengths: i.e. pediatric sizes to extra long for very tall patients.
- Low noise level of electronic control unit and air pump.
- Air chambers constructed from high quality, nylon polyurethane..
- Made to last. Some patient's have been using their equipment for over 20 years.
- Compact storage when not in use.

Decubitus Ulcers Yield to New Treatment

The two photographs illustrate the healing effect of the Verto Turning Mattress.

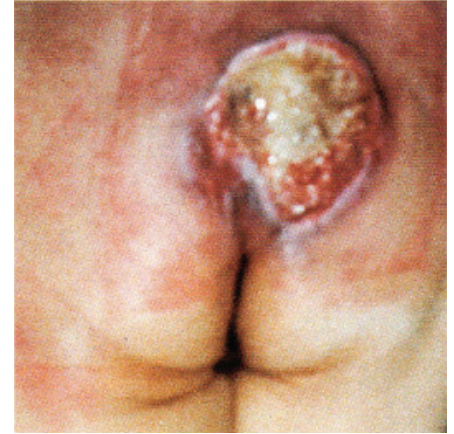
The result using the Turning mattress on patient No.1 is described in the words of the attending physician:

"Patient No.1 is suffering from advanced cerebral sclerosis evidenced by the visible peripheral circulatory impairment and extensive festering decubital abscesses of both glutei."

"The use of all conventional and usual methods of treatments resulted only in moderate and unsatisfactory alleviation; however, during the past month, after using the Verto Turning Mattress System, such a dramatic recovery occurred, with increasingly health granulation, that continuation of this method of treatment is imperative."

"With critical evaluation of the usual and prescribed methods, we were surprised by the associated changes and furtherance of the healing process bought about by the use of the Verto Turning Mattress System."

"The photographs clearly underline the evidence."

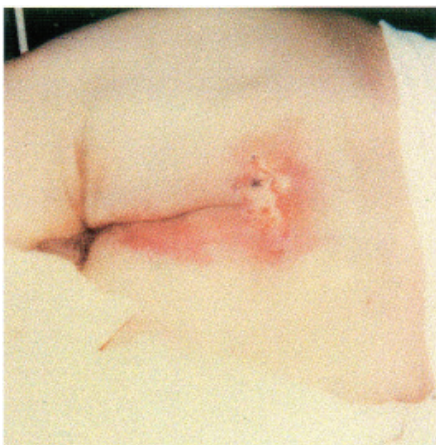


July 27th - 12.5cm



September 5th - 7.5cm
(6 weeks later)

This series of photographs of Patient No.2 shows evidence of dramatic physical improvement achieved with the Verto Turning Mattress System.



September 20th
Impaired Circulation
Tissue Breakdown



October 4th (2 weeks later)
Improved Circulation
Tissue Breakdown Reduced



October 22nd (4 weeks later)
Greatly Improved Circulation
Decubitus Almost Healed