

Pro-Stat®

Real People, Real Results...

Pro-Stat® Shown to Heal Pressure Ulcers 2-to-1 Over Whey Protein Powder Supplement

An observational study conducted to assess the therapeutic benefits of Pro-Stat compared to supplementation with a whey protein on the healing of pressure ulcers, found that residents taking Pro-Stat experienced healing or improvement in 69% of pressure ulcers compared to 35% with the whey protein powder supplement.

STUDY SIGNIFICANCE

This study offered a direct comparison between the therapeutic benefits of Pro-Stat, a novel, fortified collagen protein rich in arginine and glutamine, with those of a whey protein powder supplement in the healing of pressure ulcers among nursing home residents. The study showed a significant difference: 87% of the pressure ulcers treated with Pro-Stat either healed, improved or stayed the same, compared to 45% with the whey protein powder supplement.

(Study Abstract appears on other side.)

THE CHALLENGE OF PRESSURE ULCERS

Pressure ulcers have long been one of the most challenging, costly issues for the long-term care industry. Consider that:

- 24% of all long-term care residents may develop pressure ulcers¹
- 1.8 million Americans are annually afflicted at a treatment cost of \$1.3 billion.²
- 17,000 lawsuits are related annually to pressure ulcers.³
- The government's goal is to reduce the proportion of nursing home residents with pressure ulcers by 50% by the year 2010.⁴

References

1. The Agency for Health Care Policy and Research
2. National Pressure Ulcer Advisory Panel
3. National Pressure Ulcer Advisory Panel
4. Healthy People 2010 Initiative



Medical Nutrition USA™

Positive Clinical Outcomes Through Evidence-Based Research

Call 1-800-221-0308 for sampling and information on Pro-Stat®

Medical Nutrition USA, Inc. Englewood, New Jersey www.pro-stat.info Copyright ©2007 Medical Nutrition USA, Inc.

MNI-04

An Observational Study Assessing the Benefits of Pro-Stat® Supplementation Compared to a Whey Protein Powder Supplement on Pressure Ulcers Healing

STUDY ABSTRACT

OBJECTIVE:

To conduct an observational study that assessed the therapeutic benefits of Pro-Stat supplementation on the healing process of pressure ulcers over a one-month period, compared to supplementation with a whey protein powder supplement.

MATERIALS AND METHODS:

Twelve residents on a specialty unit with ventilator-dependent care at a New York City nursing home, presenting with various degrees and stages of pressure ulcers, were enrolled in the study. All subjects had been administered a whey protein powder supplement for 30 days or longer. After assessment, Pro-Stat, a novel, concentrated liquid protein supplement, was substituted for the whey powder.

Each resident received 45 ml of Pro-Stat 121 twice daily (BID) for a total of 30 grams of protein and 202 Kcal per day. Monthly Wound Stats were used to record pressure ulcer condition at each 30 day period including: ulcer site, stage and dimensions (length, width, depth and undermining/tunneling, if present).

RESULTS:

Of the 23 pressure ulcer sites existing at the onset of Pro-Stat supplementation, the study found that 6 pressure ulcers healed (26%), 10 pressure ulcers improved (43%), 4 pressure ulcers remained unchanged (17%) and 3 pressure ulcers slightly increased in size (13%). A total of 16 pressure ulcers either healed or improved (69%) and 20 pressure ulcers either healed, improved or remained the same (87%).

Of the 20 pressure ulcer sites existing at the onset of whey protein powder supplement, one pressure ulcer healed (5%), 6 pressure ulcers improved (30%), 2 pressure ulcers remained unchanged (10%), and **11 pressure ulcers worsened (55%)**. A total of 7 pressure ulcers healed or improved (35%), and a total of 9 pressure ulcers either healed, improved or remained the same (45%).

CONCLUSIONS

The study reached the following conclusions:

- The Pro-Stat therapy was nearly twice as effective in healing or improving pressure ulcers as the whey protein powder supplement.
- Pro-Stat offers significant benefits to residents of long-term care facilities who suffer from pressure ulcers.

Figure 1. Progress Observed With Pressure Ulcers Stats on Whey Protein Powder Treatment

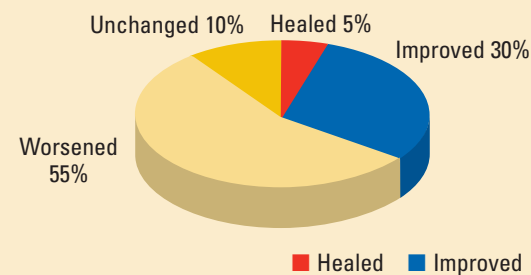
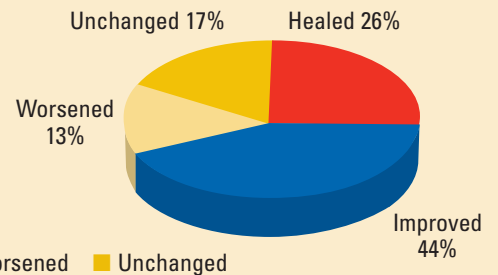


Figure 2. Progress Observed With Pressure Ulcers Stats in Response to Pro-Stat Therapy



Sponsored by:



MEDICAL NUTRITION USA, Inc.

For a copy of the complete study, call 201-569-1188 or write to Medical Nutrition USA Inc., 10 West Forest Avenue, Englewood, NJ 07631

MNI-04