

Cubitan results in faster healing of pressure ulcers



Cubitan results in **faster healing** of pressure ulcers in nourished patients*

Cubitan results in **significantly fewer dressings** and **less nursing time** spent on wound dressings*

Recommend **Cubitan** for your patients with wounds to see **faster healing**



*See reverse side for details

NUTRICIA
Cubitan

Results of CUBE-study. Supplementation with Cubitan® improves pressure ulcer healing and reduces wound care intensity

J.M.G.A. Schols, R. van Anholt, M. van Leen, H. Groen, H. Heyman, E. Topinková, L. Sobotka

ABSTRACT

INTRODUCTION:

Pressure ulcers are a common problem in all health care sectors, affecting quality of life and increasing health care costs. Providing sufficient amounts of protein and energy is a logical way to reduce the risk of developing pressure ulcers and improve the healing of ulcers. In addition, specific nutrients can help to strengthen tissue resistance, preserve tissue viability, and promote tissue repair.

METHODS:

Cubitan® (Nutricia) is a specific nutritional supplement that is enriched with arginine, trace elements and vitamins (i.e. Zn, Cu, vit E, vit C, folic acid). Its effect on pressure ulcer healing in non-malnourished patients was assessed in a multi-country, double-blind, randomized controlled trial.

Subjects with BMI ≥ 18.5 or ≥ 21 (if >70 years) and grade III/IV pressure ulcers were served 3 x 200ml of either Cubitan® or a non-caloric control product per day for a period of 8 weeks (Cubitan® 22 patients, Control 21 patients; intention-to-treat).

RESULTS:

BMI nor nutritional markers in blood changed significantly, with the exception of blood levels of vitamin C, which increased significantly in the Cubitan® group compared to the control group. Supplementation with Cubitan® improved pressure ulcer healing, as indicated by a significant difference in ulcer surface area and severity (Pressure Ulcer Scale for Healing, PUSH-tool) compared to the control group over the period of 8 weeks.

Supplementation with Cubitan® is also likely to reduce the overall cost of pressure ulcer care: significantly fewer dressings were required per week in the Cubitan® group and in addition, less time was spent on changing the dressings compared to the control group.

CONCLUSION:

This study proves that non-malnourished patients with pressure ulcers can benefit directly from a specific nutritional supplement (Cubitan®) and that the benefit of this supplement might reach beyond restoring caloric and protein deficiencies, as often is the case in malnourished patients.

Date of Preparation: September 2009