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Effect of the application of clinical pathway of enteral nutrition on nutritional status in patients with severe head injury

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Objective: To investigate the effect the clinical pathway of enteral nutrition on nutritional status in patients with severe head injury.

Methods: 120 cases of patients with severe head injury were randomly divided into control and experimental groups, each group had 60 people. The control group accepted enteral nutrition with traditional model, the experimental group accepted clinical pathway of enteral nutrition. The differences of albumin, hemoglobin, transferrin and Glasgow coma score in two groups were compared.

Results: 116 patients completed the study. On day 21, the albumin and transferrin in study group were significantly higher than control group ($P=0.006, 0.026$); the Glasgow coma score in two groups were no difference ($P>0.05$).

Conclusion: The application of clinical pathway of enteral nutrition in patients with severe head injury standardized the method and nursing technology of enteral nutrition. The clinical pathway of enteral nutrition is better than the traditional mode of enteral nutrition and it is worth learning and promotion.

Biography

Xie Caixia has completed her Master's degree from the Third Military Medicine College of China and has done her PhD from West China School of Medicine, Sichuan University. She is a Head Nurse of Sichuan Provincial People's Hospital, has 6 years' experience in Nursing Management and 7 years' experience in Clinical Nursing. She has published more than 20 papers in reputed journals.

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