

Thesis Title Development of Nursing Standards for Hemodialysis Patient

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Abstract

The main objective of the study was to develop the nursing standard for patient receiving hemodialysis. Nursing process was being used in the development, and the content validity was conducted by utilizing Delphi technique. The comments and suggestions of questionnaire from nineteen specialists with knowledge, experiences, and background in nursing service, nursing education, and medical care of hemodialysis patient were obtained and analyzed which resulted in development of nursing standards for hemodialysis patient. Each standard consisted of nursing activity or process standard and the expected accomplishment on the patient after receiving such care as outlined in the developed standards or outcome standard. The twelve standards are as follows :

Standard 1 The patient is ready for hemodialysis.

Standard 2 The patient is saved from danger of having vascular access prepared for extracorporeal system.

- Standard 3 The patient maintains balance of body fluid level while receiving hemodialysis.
- Standard 4 The patient will not become septicemia from receiving hemodialysis.
- Standard 5 The patient is absent from air embolism, cerebral thrombosis, pulmonary embolism and extremity embolism.
- Standard 6 The patient is saved from changing of minute volume cardiac output during hemodialysis.
- Standard 7 The patient is saved from disequilibrium syndrome.
- Standard 8 The patient will be saved from incorrect dialysate solution or temperature.
- Standard 9 The patient is comfortable and be able to adjust himself to movement limitation during hemodialysis.
- Standard 10 The patient is satisfied mentally and emotionally while receiving hemodialysis.
- Standard 11 The patient is nutritional balanced.
- Standard 12 The patient and his family have correct knowledge and understanding in regard to the treatment and self-care when maintaining hemodialysis.

The researcher submitted the developed nursing standards in a questionnaire format to thirty nurse specialists of hemodialysis units in several hospitals for their feedback and comments of the feasibility and practicability in applying these standards into real situation. The results indicated that most of nursing activities were usually performed by the nurse specialists working in hospital under the ministry of university affairs, the ministry of public health, the ministry of interior, the ministry of defense, and private section. Only small numbers of nursing activities that the nurse specialists did not practice. The expecting outcomes for the patient after receiving the developed process standards were satisfactory.