



The aim of this study was to develop nursing-sensitive quality indicators consistent with current medical practices in Chinese neonatal intensive care units (NICUs)” Chen et al (2016).

Abstract:

AIMS AND OBJECTIVES: The aim of this study was to develop nursing-sensitive quality indicators consistent with current medical practices in Chinese neonatal intensive care units (NICUs).

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BACKGROUND: The development of nursing-sensitive quality indicators has become a top priority in nursing management. To the best of our knowledge, there has been no objective, scientific and sensitive evaluation of the quality of NICU nursing in China.

DESIGN: A modified Delphi technique was used to seek opinions from experts about what should be used and prioritized as indicators of quality care in NICU nursing.

METHODS: Based on a literature review, we identified 21 indicators of nursing-sensitive quality in the NICU. Our group of 11 consultants chose 13 indicators to be discussed using the

Delphi method. In October and November 2014, 39 NICU experts in 18 tertiary hospitals spread across six provinces participated in two rounds of Delphi panels.

RESULTS: Of the 13 indicators discussed, 11 were identified as indicators of nursing-sensitive quality in the NICU: rate of nosocomial infections, rate of accidental endotracheal extubation, rate of errors in medication administration, rate of treatment for pain, rate of peripheral venous extravasation, rate of compliance with handwashing techniques, incidence of pressure ulcers, incidence of noise, the bed-to-care ratio, the proportion of nurses with >5 years NICU experience, and incidence of retinopathy.

CONCLUSIONS: The 11 NICU nursing-sensitive indicators identified by the Delphi method integrated with basic Chinese practices provide a basis for nursing management and the monitoring of nursing quality.

RELEVANCE TO CLINICAL PRACTICE: This study identified nursing-sensitive quality indicators for NICU care that are suitable for current clinical practice in China.

Reference:

Chen, L., Huang, L.H., Xing, M.Y., Feng, Z.X., Shao, L.W., Zhang, M.Y. and Shao, R.Y. (2016) Using the Delphi Method to develop nursing-sensitive quality indicators for the NICU. Journal of Clinical Nursing. July 12th. .

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