Nursing-2013
OMICS Group Conferences
Accelerating Scientific Discovery
International Conference on
Nursing & Emergency Medicine
December 2-4, 2013 Las Vegas, USA

Content validation of the nursing diagnosis ineffective breathing in adults

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Abstract

The aim of this study was to perform a diagnostic content validation of the defining characteristics and related factors of nursing diagnosis ineffective breathing in the Czech nursing context. On the basis of expression of expert nurses, caring for adult patients in intensive care or inpatient anesthesia workplace was performed. To assess the significance of diagnostic characteristics Fehring model of validation-DCV was used. Validated diagnostic characteristics were divided into three categories: A) major (weighted score significance≥0.80), B) minor (WS of 0.80 to 0.50) and C) insignificant (WS≤0.50). The dependency rate between the diagnostic elements was determined by calculating Spearman correlation analysis. On the basis of the weighted score of 0.84 was into the category of major defining characteristics classified as dyspnoe, 13 characteristics on the basis of the weighted score from 0.52 to 0.74 were identified as the minor and 4 have already been identified as insignificant. The category of major related factor validated diagnosis was not included in any of the 18 observed; 14 related factors were on the basis of the weighted score from 0.55 to 0.78 included into the minor and 4 were identified as insignificant. A strong positive correlation was found between the defining characteristics "decreased expiratory pressure" and "decreased inspiratory pressure" (r=0.831) and between related factors "musculoskeletal impairment" and "neuromuscular dysfunction" (r=0.710), between "neurological immaturity" and "neuromuscular dysfunction" (r=0.732).

Biography

Jana Marečková has completed her Ph.D. at the age of 38 years from Palacky University Olomouc, Czech Republic. She is the former dean of Faculty of Health Sciences at the same university. This time, she is associated Professor at Nursing Department, the head of scientific centre and doctoral study program at the faculty.

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