

عنوان مقاله:

Patient Compliance to Non-Invasive Ventilation in Sub-Intensive Care Unit: An Observational Study

محل انتشار:

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خلاصه مقاله:

Background: The success of

factors and effective delivery require teamwork. Information on the therapeutic program must be sustained by health care staff and family.

Objectives: Investigate the clinical and care factors that affect the level of patient compliance to non-invasive ventilation.

Methods: A prospective, observational and multicentre study was conducted between November 1, 2015 and February

15, 2016 in three sub-intensive wards. A data collection tool was created with the working definition of "Patient intolerant

to non-invasive ventilation" and a structured interview was conducted to investigate patient experience of NIV.

Statistical analysis was conducted with the STATAMP 13 software. Results: Coordination of patient-ventilator interaction

prevents intolerance (OR = 0.68, 95% IC 0.46 - 0.98; P = 0.04). Overweight

and obese patients showed a higher probability of intolerance to non-invasive ventilation with respect to underweight and normal

weight patients (OR = 0.53, 95% IC 0.34 - 0.82; P = 0.005). Patients with a higher probability of intolerance experienced

a NRS level of 4/5 (OR=1.76, 95% IC 1.30-2.41; P<0.001) while receiving continuous treatment (OR=1.26, 95% IC 1.04-1.53;

P=0.019). Patients in open-space settings experienced less intolerance (4.7 SD±1.2) with respect to patients in single

rooms (2.5 SD±0.9). Anxious patients developed more intolerance than calm and informed patients (OR=7.39, 95%

IC 3.19-17.13; P<0.001) Conclusions: Compliance to non-invasive ventilation depends on multiple factors, including

relational aspects that affect treatment success. Attention to patient comfort, pain control, and collaboration with the

caregiver appear to have the most influence on patient compliance. Keywords:

Nurses, Patients, Non-invasive Ventilation, Intensive Care Units, Compliance, Masks

کلمات کلیدی:

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