

Abstract

This thesis deals with the incidence of ventilator pneumonia (VAP) in the Czech Republic and is part of the national research – the impact of implemented preventive package or its individual components in adult artificially ventilated patients on ventilator associated pneumony incidence – Czech national research, which is under the auspices of the Czech Association of Nurses, section ARIP. Two goals were set for our research. Find out what is the incidence of ventilator pneumonia in hospital facilities in the Czech Republic for 2022 and 2023. The second goal was to determine how many hospitals keep records of VAP incidence. The objectives were achieved through quantitative research, which was conducted online by sending a questionnaire to a specific workplace.

The theoretical part of the thesis deals with VAP, in addition to the described etiology, treatment, diagnosis etc., the topics related to the incidence of VAP have also been developed. The results of our research show that the incidence of VAP in the Czech Republic is not significantly higher than 30 %. VAP records are not kept in more than 50 % of departments. Furthermore, we found that keeping records of the occurrence of VAP is influenced by the type of hospital.

Keywords: incidence; ventilator-associated pneumonia, prevention, interventions, nursing role, complications, mortality