

# Infezioni correlate all'assistenza ospedaliera: un caso studio di costo efficacia

*[Hospital Acquired Infection (HAI): a cost-efficacy case study]*

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**ABSTRACT:** This study proposes a cost-effectiveness analysis concerning the implementation of a tool to check for ventilator-associated pneumonia (VAP) in Intensive Care. VAP is a sub-type of hospital-acquired pneumonia which occurs in people receiving mechanical ventilation. An empirical analysis is performed to estimate the effectiveness of a specific procedure to prevent VAP (i.e. Ventilator Bundle), as well as to evaluate cost savings related to not developing the infection. The relevance of the results thus obtained is not only clinical but also managerial and economic, since a reduction in costs improves the economic performance of hospitals and a lower incidence of VAP improves their reputation on the national market of healthcare services.

**KEYWORDS:** Ventilator-associated pneumonia; Ventilator Bundle; Analysis of cost-effectiveness; Intensive-Care Unit

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