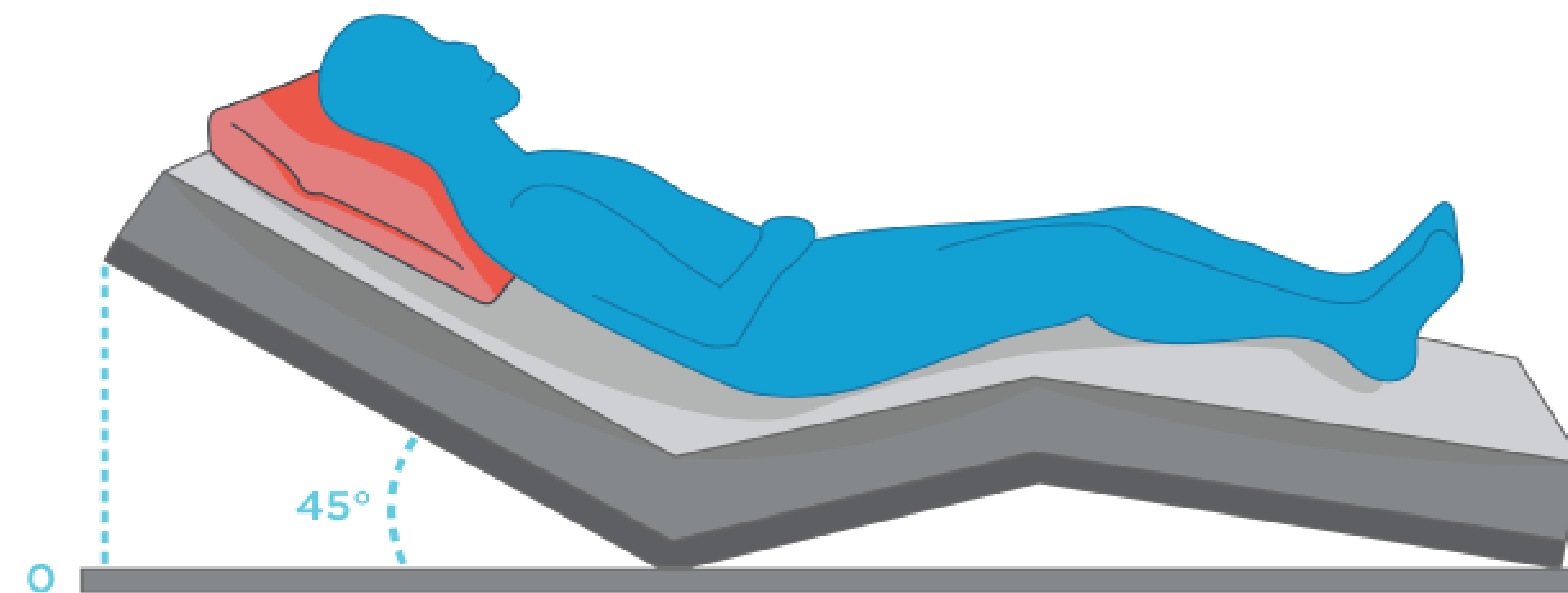


Impact of a 30-45° head of bed elevation on incidence of VAP

Victoria Thurley, Nursing
thurleyv@mailsacredheart.edu

Ventilator-associated pneumonia (VAP) is a serious infection that can occur in patients who require mechanical ventilation. VAP can lead to increased hospital stays, costs, and mortality rates.



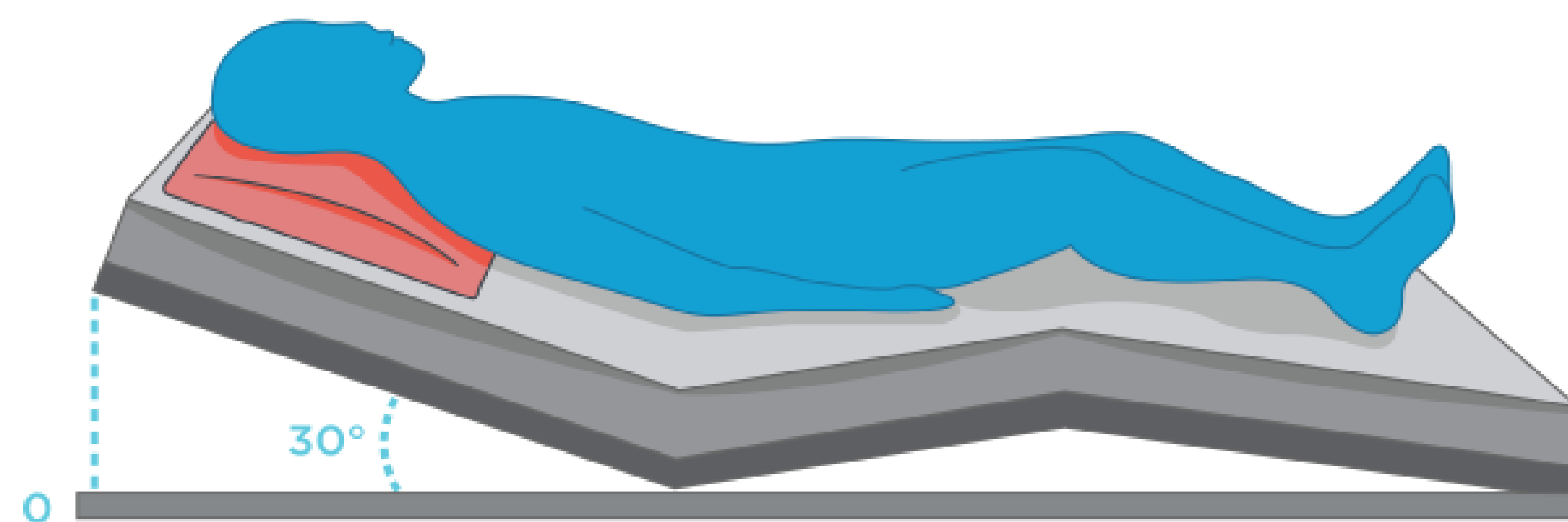
CINAHL Ultimate and MEDLINE were utilized to identify one randomized control trial, Güner et. al 2022, and one systematic review, Gaspar et al. 2023.

Maintaining a 30-45° HOB elevation of 30-45 degrees is **recommended** for adult patients on mechanical ventilation to help prevent VAP.

• • •

A HOB elevation of 45° was associated with a **35% lower incidence of VAP** compared to a <30° HOB elevation (Güner et. al, 2022).

This poster explores the research question, In adult hospitalized patients, how does elevating the bed to 30-45°, compared to the standard of care of an elevation less than 30°, reduce the incidence of VAP?



References

