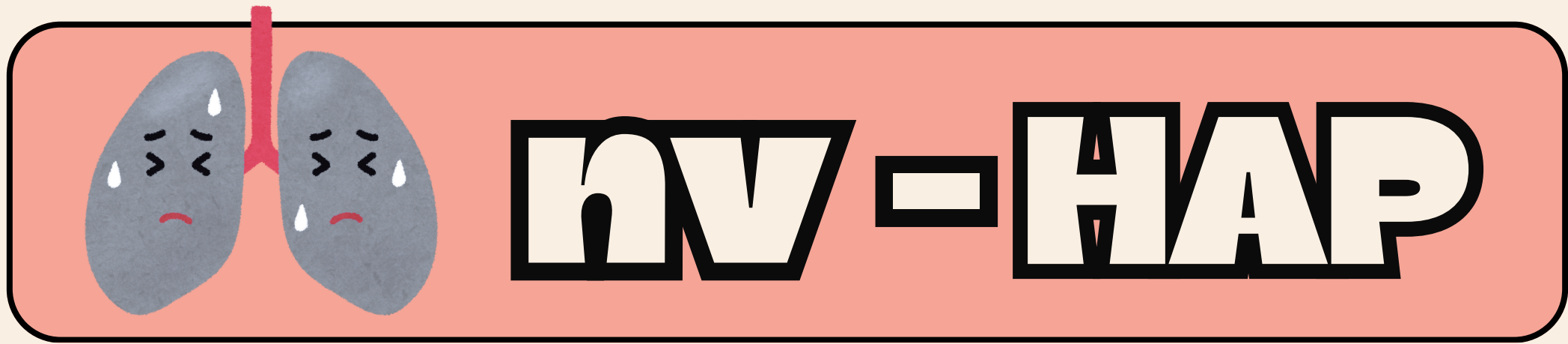




BUNDLE CARE

WHAT IS nv-HAP?



Non-ventilator hospital-acquired pneumonia (nv-HAP) is pneumonia that develops ≥ 48 hours after hospital admission in patients not on invasive mechanical ventilation. It is characterized by new lung infiltrates with clinical signs such as fever, purulent sputum, or worsening oxygenation, and is associated with significant morbidity and mortality.

01 ORAL CARE



Tooth brushing daily with
TOOTHPASTE

02 DIAGNOSE AND MANAGE DYSPHAGIA

A swallowing assessment is conducted to **IDENTIFY DYSPHAGIA**, with adjustments in consistencies of liquids and solids as indicated.



03 EARLY MOBILIZATION

Early mobilization to
PREVENT STASIS



04 STOP NON-INDICATED PROTON PUMP INHIBITOR (PPI)



PPIs may increase nv-HAP risk by **REDUCING GASTRIC ACID**, allowing bacterial overgrowth and aspiration into the lungs.

05 CHEST PHYSIO



- Coughing and deep breathing exercise to **STRENGTHEN RESPIRATORY** muscles and clear secretions.
- May use incentive spirometry.


18/1/2026
DR SITI ROHANI BINTI ABDUL HADI
NO MPM: 43109, NO NSR: 133124
Ketua Unit Kawalan Infeksi
& Pakar Perunding Patologi UD15
(Mikrobiologi Perubatan)
Hospital Sultanah Bahiyah
Alor Setar, Kedah