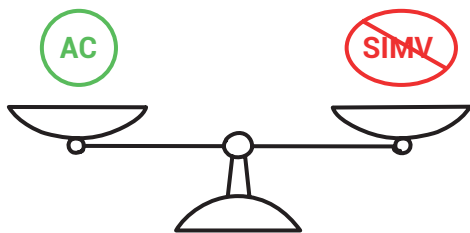




Which initial mode of ventilation should I use?

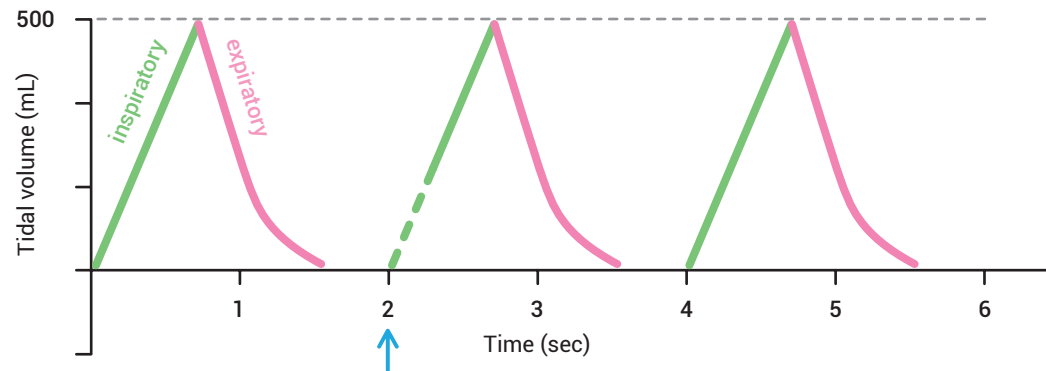
Reduce the work of breathing



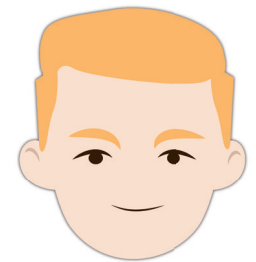
Reference:
Esteban A, Ferguson ND, Meade MO, et al. Evolution of mechanical ventilation in response to clinical research. *Am J Respir Crit Care Med*. 2008. **177**: 170–177.

AC versus SIMV

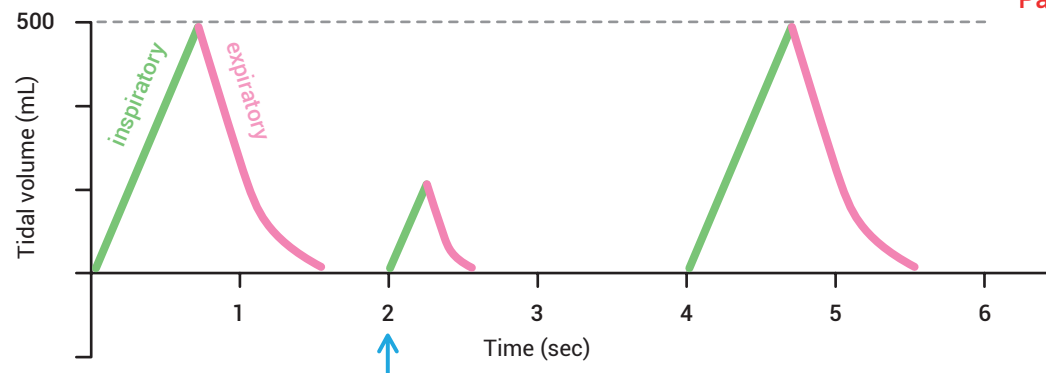
AC mode



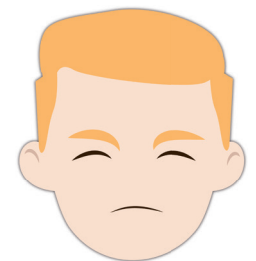
Ideal for muscle recovery
Ventilator does work



SIMV mode



Patient responsible for breath
Hypoventilation



Respiratory rate (RR) = 15 breaths/min
Tidal volume (V_T) = 500 mL