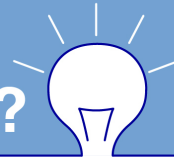


DID YOU KNOW?



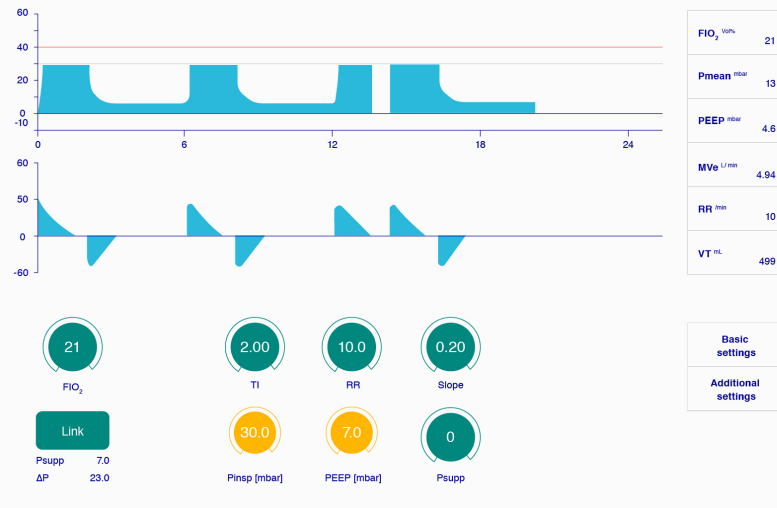
Pressure Link

What is it?

PressureLink is an optional coupling of P_{insp} and PEEP, when PressureLink is active P_{insp} and PEEP are connected and if you set one of them, also the other one is modified.

How to use it?

- Select one parameter (P_{insp} or PEEP)
- Touch the "Link" Button
- The corresponding parameter is also selected
- Both pressures become adjustable simultaneously
- "Driving pressure" ΔP is kept constant

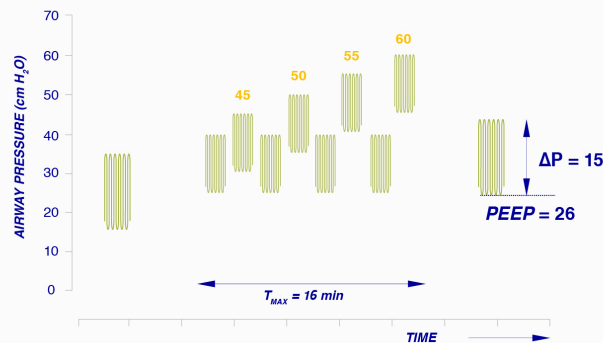


Why is it relevant?

Driving pressure is one of the most important settings in order to perform recruitment maneuvers and to avoid lung damage induced by the ventilator. Having a constant driving pressure is also allowing to have less interactions with the user interface of the ventilator, resulting in less potential errors.

Why is it helpful to improve outcomes?

With PressureLink you can perform recruitment maneuvers, reducing the interaction with the device, while keeping the driving pressure constant.



References:
 1. Guttnie SO, et al. A crossover analysis of mandatory minute ventilation compared to synchronized intermittent mandatory ventilation in neonates. J Perinatol. 2005;25(10):643-6.
 2. Burns KE, et al. Automating the weaning process with advanced closed-loop systems. Intensive Care Med. 2008;34(10):1757-65.
 3. Davis S, et al. Mandatory minute volume weaning in patients with pulmonary pathology. Anaesth Intensive Care. 1989;17(2):170-4.
 4. Subzer CF, et al. Adaptive support ventilation for fast tracheal extubation after cardiac surgery: a randomized controlled study. Anesthesiology. 2001;95(6):1339-45.