

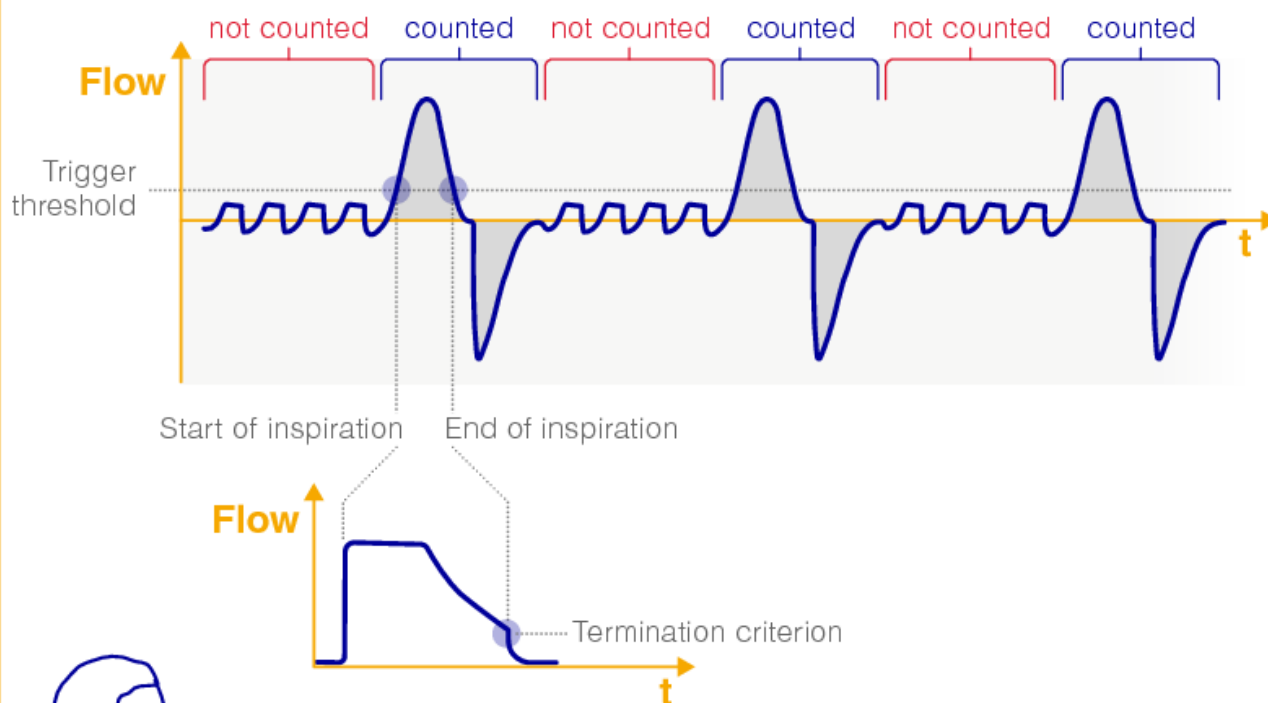
# DID YOU KNOW?



## THE INSPIRATORY AND EXPIRATORY TRIGGER

### What is it?

The **inspiratory flow trigger** counts spontaneous breaths that reach a certain **flow trigger threshold**. This criterion can be adjusted and is used to **measure the respiratory rate, synchronize mandatory with spontaneous breathing** and as **a trigger for ventilation modes with breathing support**.



The **expiratory trigger** determines the **length of inspiration and the start of expiration** based on the inspiratory termination criterion. This criterion stands for the percentage of peak inspiratory flow at which inspiration ends and expiration is to start.

### Why is it helpful to improve the outcome?

- Prevents asynchronies in supported ventilation breathing
- Adapts breathing support to the patient's lung properties and breathing pattern