

# DID YOU KNOW?



## THE NEGATIVE INSPIRATORY FORCE INDEX (NIF)

### What is it?

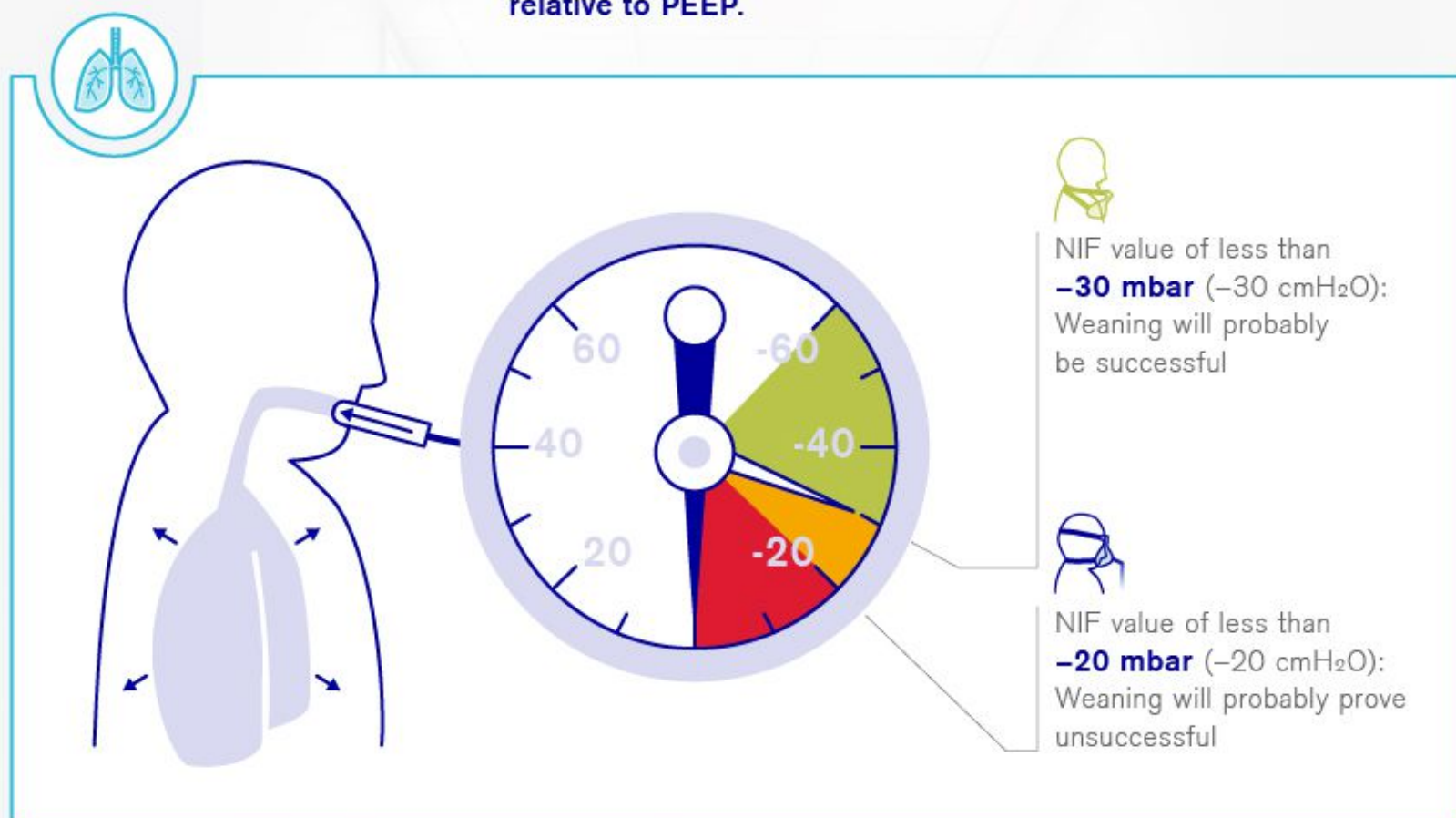
The Negative Inspiratory Force Index (NIF) measures **a patient's maximum inspiratory effort after exhaling**. It is also known as the Maximum Inspiratory Pressure (MIP).

### How is it measured?

The breathing circuit is closed following a manually extended expiration by the patient. The ventilator then measures the maximum inspiratory effort made by the patient. **The NIF value is measured as a pressure relative to PEEP.**

### Why is it relevant?

The NIF Indicates the **probability that the patient can be weaned successfully**.



### Why is it helpful in improving the outcome?

Having a tool predicting the success of the weaning can **decrease the risk of: weaning failure** ► unsuccessful weaning may prolong the length of stay in the ICU and **extubation failure** ► extubation failure may increase mortality rate and could lead to prolonged patient care and increased costs.