**DID YOU KNOW?**

**P0.1**

**What is it?**

P0.1 stands for the negative pressure at the start (first 100 ms) of spontaneous inspiration.

**How is it measured?**

The inspiratory valve is closed after one expiration and measures the airway pressure produced by the patient’s inspiratory effort during 100 ms.

**Why is it relevant?**

Within the first 100 ms, pressure is not influenced by physiological reactions that would try to compensate for the occlusion. Therefore **P0.1 is a direct measure of neuromuscular respiratory drive.**[1][2]

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

P0.1 has been shown to be a good predictor for successful weaning from mechanical ventilation.[1]

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**Sources:**
