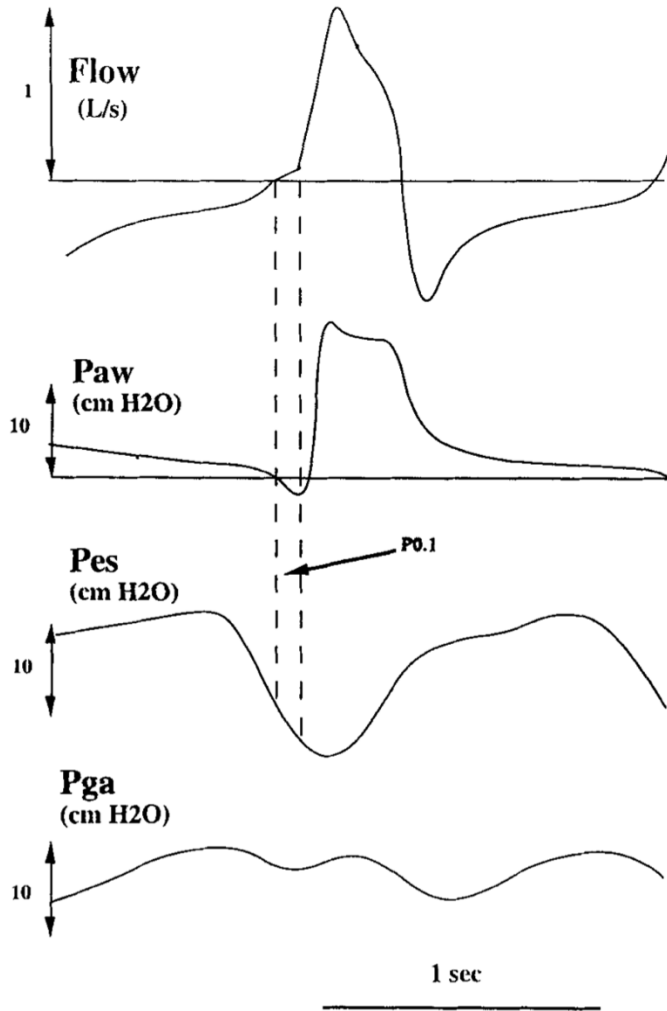


Pression d'occlusion à 100 ms ou P0.1



- Pression développée pendant les 100 premières ms d'un effort contre une occlusion
- ⇒ **reflet de la commande centrale et du travail respiratoire**
- Mesure automatisée sur les ventilateurs modernes
 - $< 1,5 \text{ cmH}_2\text{O}$: probable sur-assistance
 - $> 3,5 - 4 \text{ cmH}_2\text{O}$: probable sous-assistance

Bibliographie

- Airway Occlusion Pressure As an Estimate of Respiratory Drive and Inspiratory Effort during Assisted Ventilation. Telias I, Junhasavasdikul D, Rittayamai N, Piquilloud L, Chen L, Ferguson ND, Goligher EC, Brochard L. *Am J Respir Crit Care Med.* 2020 May 1;201(9):1086-1098. doi: 10.1164/rccm.201907-1425OC.PMID: 32097569
- Accuracy of P0.1 measurements performed by ICU ventilators: a bench study. Beloncle F, Piquilloud L, Olivier PY, Vuillermoz A, Yvin E, Mercat A, Richard JC. *Ann Intensive Care.* 2019 Sep 13;9(1):104. doi: 10.1186/s13613-019-0576-x.PMID: 31520230
- High Airway Occlusion Pressure Is Associated with Dyspnea and Increased Mortality in Critically Ill Mechanically Ventilated Patients. Le Marec J, Hajage D, Decavèle M, Schmidt M, Laurent I, Ricard JD, Jaber S, Azoulay E, Fartoukh M, Hraiech S, Mercat A, Similowski T, Demoule A. *Am J Respir Crit Care Med.* 2024 Jul 15;210(2):201-210. doi: 10.1164/rccm.202308-1358OC.PMID: 38319128