

NAVA provides both PIP and Vt in neonates that are within or lower than recommended target levels¹

Evaluating Peak Inspiratory Pressure and Tidal Volume in Premature Neonates on NAVA Ventilation – A Retrospective Study and Exploratory Analysis



The Protain Study¹ showed the clinical effectiveness of the patented Neurally Adjusted Ventilatory Assist (NAVA[®]) technology

and found that with the use of NAVA, nearly 80% of breaths delivered to neonates were well below the 20 cmH₂O (PIP), and less than the 5 ml/kg (Vt) target levels currently recommended in the neonatal literature.¹

Advantages of NAVA:

- Helps to achieve recommended PIP and Vt target levels.
- NAVA facilitates optimal synchronization between the patient and the ventilator.

1. Protain AP, Firestone KS, McNinch NL, Stein HM. Evaluating peak inspiratory pressures and tidal volume in premature neonates on NAVA ventilation. Eur J Pediatr. 2021 Jan;180(1):167-175. doi: 10.1007/s00431-020-03728-y. Epub 2020 Jul 6. PMID: 32627057; PMCID: PMC7335731.



Read the whole article about the Protain study and the neurally adjusted ventilation mode NAVA.

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