Three New Platforms For Ventilators

Puritan Bennett 840 Neonatal ventilator

Covidien announces that three new platforms for its Puritan Bennett™ 840 ventilator — the Puritan Bennett 840 Neonatal ventilator, the Puritan Bennett 840 Universal ventilator and the Puritan Bennett 840 Pediatric-Adult ventilator — are now available in the United States.

The Puritan Bennett 840 Neonatal ventilator helps clinicians safely deliver, manage and monitor a ventilation regimen tailored for even the smallest and most critically ill neonatal patients. It offers the ability to set a tidal volume as small as 2 mL for neonates weighing as little as 300 grams without having to change to another ventilator.

Puritan Bennett 840 Universal ventilator

The Puritan Bennett 840 Universal ventilator for every patient type, from neonatal to adult, includes a neonatal CPAP mode that enables clinicians to flexibly deploy noninvasive ventilation in neonates. It supports patient-ventilator synchrony, which has been shown to facilitate spontaneous breathing. The ventilator includes features that effectively match the patient’s respiratory demand and adapt to changes in patient condition.

Puritan Bennett 840 Pediatric-
Adult ventilator

The Puritan Bennett 840 Pediatric-Adult ventilator for pediatric to adult patients helps clinicians provide improved levels of ventilatory support by offering multiple therapies of ventilation, including invasive and noninvasive methods, as well as more advanced modes of ventilation.1, 2

References

1. Xirouchaki N, Kondili E, Vaporidi K, et al. Proportional assist ventilation with load-adjustable gain factors in critically ill patients: comparison with pressure support. *Intensive Care Med*. 2008; 34(11):2026-2034.
2. Alotaibi G, Kacmarek R, Scanlan C. Comparison of dual mode ventilation among selected adult critical care ventilators using a programmable lung simulator. *Respir Care*. 2004. [Abstract]

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