NeoFlow[®] Supporting Every Breath in Neonatal Care

Designed for tiny patients and the caring hands of neonatal healthcare professionals our NeoFlow[®] range of respiratory care products provide support for each step of their respiratory journey. It's the little things...

We understand that your time is precious, and your aim is to provide the best possible care for your patients and their families. Our aim with NeoFlow® is to supply everything you need to provide the best respiratory care for your patients. The entire range has been designed for ease of use for healthcare professionals and focused on baby to help improve comfort and outcomes. The NeoFlow® range includes BioCote® antimicrobial protection as standard.



NeoFlow[®] offers a complete range of respiratory solutions for:

STABILISATION

Stabilising a newborn using T-piece resuscitation establishes or assists with effective ventilation in the crucial first few minutes of life for around 10% of babies who require assistance to start breathing ^[1]. Using heated gas during delivery-room stabilisation has also been observed to reduce the rate of moderate hypothermia on admission to the NICU, with no increased risk of hypothermia ^[2].

NEONATAL TRANSPORT

Neonatal transport involves the transfer of newborns, often premature or critically ill, who require specialised support. Therefore, maintaining their respiratory stability during transport is paramount. Using respiratory circuits that support transfer teams to safely move an infant can help to ensure they achieve the best outcomes^[3].

INVASIVE VENTILATION

Invasive ventilation provides advanced respiratory management for babies requiring high level care in the NICU. Facilitating kangaroo care for invasively ventilated babies can reduce stress for infants and their mothers, promote greater weight gain and could contribute to shorter hospital average stays ^[4].

CPAP

Using continuous positive airway pressure (CPAP) to treat babies experiencing Respiratory Distress Syndrome (RDS) is common to help support the lungs to remain ventilated and reduce the work of breathing ^[5]. Interchanging between nasal cannula and mask interfaces in a simple staging system can prevent nasal trauma ^[6].

BUBBLE CPAP

Bubble CPAP provides gentle, effective CPAP to help support babies in respiratory distress. The "bubbling" occurs in a water chamber, creating small, regular oscillations that improve lung recruitment and enhance gas exchange. These oscillations reduce the work of breathing and supporting the development of the baby's respiratory muscles^[7].

HFOT

Delivering High Flow Oxygen Therapy (HFOT) to neonates provides them with humidified gases, using ultra soft nasal prongs that facilitate an open system. It provides support for babies coming off ventilation^[8] and for those requiring additional oxygenation^[9].

NeoFlow[®] SUPPORTING EVERY BREATH

From the very start of life NeoFlow® can help you make a difference for your patients. NeoFlow® resuscitation circuits help you stabilise newborns, supporting those crucial first breaths. Our humidified option helps maintain the baby's body temperature, giving them the best possible start^[2]. We support the ability to deliver CPAP in the delivery room with an enhanced interface designed for improved functionality and ease of use.

Ultra soft bonnets that grow with baby - NeoFlow[®] nCPAP bonnet's unique wraparound design allows for improved skin-to-skin contact and easy access for procedures. Available in six sizes.

We design systems that allow you to devote your time and expertise to the patient, not the circuit. NeoFlow[®] VT ventilation circuit has a breathable expiratory limb, helping to prevent moisture build up. Our circuits connect to standard 15mmM tracheal tubes to deliver invasive ventilation, helping you to provide all the care you need without interrupting the therapy, even while facilitating kangaroo care. INVASIVE

NeoFlow[®] transport circuits will help you manage the baby's breathing and provide respiratory support for babies requiring specialised support during transport. We focus on safety, helping healthcare professionals deliver the highest level of care to the most vulnerable patients during transit.

NEON

RENSO

STABILIS

If your preference is Bubble CPAP, again we have everything you need to deliver this quickly and efficiently without interruption. You can use the AquaVENT® FD140i in combination with NeoFlow[®] circuits for accurate and easy delivery of Bubble CPAP.

BUBBLE

CPAP

You can provide CPAP simply and efficiently with NeoFlow[®]. Everything you need to provide CPAP to your patients, quickly and continuously without interruption. Our ultra-soft silicone prong and mask interfaces are designed for easy interchangeability because we understand your commitment to improved patient comfort.

HFOT

The NeoFlow[®] HFOT system enables quick and simple delivery of humidified oxygen. Its ability to transition easily from CPAP therapy improves patients' comfort and tolerance while baby still requires respiratory support.

... ON THEIR JOURNEY

Curious to know how NeoFlow[®] can enhance your respiratory care solutions?

Scan the QR code to fill out our web form on our website, and our dedicated customer service team will reach out to assist you. You can find more details on NeoFlow® on our website



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