



A COMPLETE RANGE OF **NICU SETUP**

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Jaundice Care

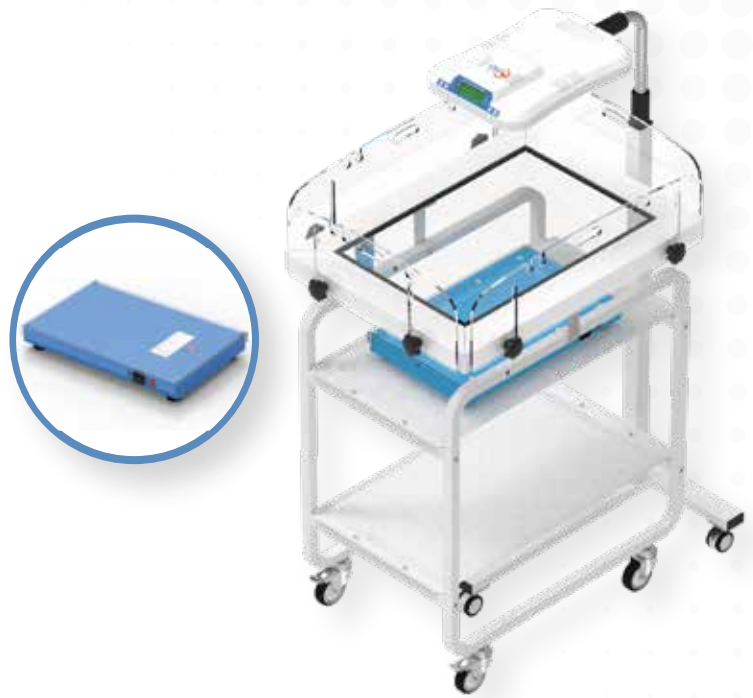
Jaundice is a common condition in newborns caused by high levels of bilirubin in the blood. It can lead to complications if left untreated. Jaundice management in neonates typically involves phototherapy using special lights to break down bilirubin. In severe cases, an exchange transfusion may be necessary.

VNG Medical offers phototherapy devices and monitoring equipment to manage neonatal jaundice. Their devices emit blue light to reduce bilirubin levels, and their monitoring equipment tracks progress. VNG Medical also provides training and support for healthcare professionals to ensure safe and effective use of their products.

Bilismart + Under Surface Phototherapy

VNG Medical's Bilismart + is a neonatal phototherapy unit designed to treat jaundice in newborns. It features advanced LED technology that emits blue light to break down bilirubin in the baby's bloodstream, helping to prevent brain damage and other serious complications. Bilismart + is lightweight, portable, and easy to use, making it an ideal choice for busy hospitals and clinics. It also includes a user-friendly control panel and a built-in timer, ensuring accurate and effective treatment for every patient. This design features ABS plastic body and no use of cooling fan which makes it one of a kind.

Undersurface phototherapy is a treatment for neonatal jaundice that utilises blue LED lights mounted underneath the bassinet, bed or incubator to irradiate the infant's back, minimising the need to expose the eyes to bright lights. This treatment is gentle and non-invasive, allowing newborns to rest and recover while receiving treatment for jaundice.



MBJ20

The VNG Medical Transcutaneous MBJ20 Jaundice Detector is a non-invasive medical device used to diagnose jaundice in newborns. The device is designed to measure the level of bilirubin in a baby's skin without the need for a blood sample. Its ergonomic design and lightweight make it easy to use, and it provides quick and accurate results, allowing healthcare professionals to diagnose and treat jaundice promptly. The Transcutaneous MBJ20 Jaundice Detector is a valuable tool for neonatal care, contributing to the overall health and well-being of newborns.



Bilistick®

The VNG Medical Bilistick system is an innovative medical device used for instant invasive bilirubin measurement in newborns. The device is designed to provide quick and accurate results by analysing the bilirubin level in a small blood sample taken from the infant's heel. Its compact and portable design makes it easy to use in different clinical settings, while its user-friendly interface and easy-to-read display provide clear and concise results. The Bilistick system is a valuable tool for neonatal care, contributing to the early detection and treatment of jaundice in newborns, improving their overall health and well-being.



Eye Mask

VNG Medical's eye mask is a specially designed device that offers protection to the eyes of newborns undergoing phototherapy treatment. Exposure to bright light during phototherapy can cause damage to the eyes, including retinal damage and blindness. The eye mask is made of a soft and comfortable material that gently covers the baby's eyes and shields them from the light. It also provides a comfortable fit and is easily adjustable to ensure a secure and snug fit on the baby's face. The eye mask is an essential accessory for neonatal phototherapy, providing a safe and effective way to protect newborns' eyes from the harmful effects of phototherapy light.



Warming and Temperature Management

Newborns are highly susceptible to hypothermia, which can cause a range of complications. Proper warming and temperature management are crucial in the care of newborns to maintain their body temperature within a safe range.

VNG Medical offers a range of solutions for warming and temperature management of newborns, including incubators, radiant warmers, and warming blankets. These devices are designed to provide a comfortable and stable environment for the newborn while monitoring and maintaining their body temperature.

Radiant Warmer-800

A neonatal baby warmer is a medical device that provides warmth to newborns who are at risk of hypothermia or have difficulty regulating their body temperature. The VNG Warmer-800 is designed to offer three modes of operation and comes in two variants, making it a flexible and versatile solution for healthcare professionals in different settings.



Radiant Warmer-1000

The VNG Baby Warmer-1000 is a premium offering from VNG Medical that provides warmth to newborns in need. The device offers two modes of operation, including skin and manual, and comes equipped with drawers for convenient storage. The Baby Warmer-1000 is designed to provide precise and consistent heating to support newborns' delicate skin and help them maintain a stable body temperature. With its advanced features and storage options, the VNG Baby Warmer-1000 is an excellent choice for hospitals and clinics seeking a reliable and high-quality baby warmer.

Smart Warmer SW-1000

VNG Smart Warmer SW-1000 includes a touch screen interface, integrated suction, adjustable height, and weight measurement, along with multiple feedback mechanisms. These features make it easy for healthcare professionals to control temperature and humidity levels and clear airways during resuscitation. The adjustable height provides easy access to the newborn, and the built-in weight measurement and feedback mechanisms ensure accurate care.



Baby Infant Incubator

The VNG Medical Bilistick system is an innovative medical device used for instant invasive bilirubin measurement in newborns. The device is designed to provide quick and accurate results by analysing the bilirubin level in a small blood sample taken from the infant's heel. Its compact and portable design makes it easy to use in different clinical settings, while its user-friendly interface and easy-to-read display provide clear and concise results. The Bilistick system is a valuable tool for neonatal care, contributing to the early detection and treatment of jaundice in newborns, improving their overall health and well-being.



Truescan T-2000 Transilluminator

The VNG Warming System TC-200 is a high-quality medical device that offers a safe and comfortable warming solution for patients. This user-friendly warming system features an interface and utilises patented technology to provide precise and consistent temperature control. With its versatile design, the TC-200 is suitable for use in various healthcare settings, including labour and delivery rooms and operating rooms.

Dream Warmer

The Dream Warmer by VNG Medical is an innovative and portable device designed to prevent hypothermia in newborns. The device consists of a mattress that can be heated by immersing it in boiling water and placed under the baby to help maintain a stable body temperature. It is lightweight, easy to use, and ideal for various healthcare settings, including neonatal intensive care units, labour and delivery rooms, and during transport. The Dream Warmer is an essential tool that ensures the baby's comfort and safety while reducing the risk of hypothermia.



Ready heat

The VNG Infant Cocoon is a self-heating and portable medical device designed to maintain the body temperature of newborns. It uses innovative technology to generate heat upon exposure to air, without requiring any external power source. This lightweight and compact cocoon is made of soft and breathable materials, providing a warm and comfortable environment for the baby during procedures or transport. The VNG Infant Cocoon is an essential tool in neonatal care, especially in low-resource settings or emergency situations where external heating sources may not be available.



Birth Asphyxia/ Brain Monitoring

Birth asphyxia is a serious condition that can lead to brain damage and even death in newborns. Monitoring brain function and managing body temperature are critical in the care of infants with birth asphyxia.

VNG Medical offers a range of solutions for birth asphyxia and brain monitoring, including cooling systems to reduce the risk of brain damage. Their products are designed to provide precise and continuous monitoring of brain function and oxygen levels to detect any abnormalities and allow for timely intervention.

Neotherm

Neotherm™ is a whole body cooling device designed specifically for neonatal care. It is a state-of-the-art medical device that provides a controlled and regulated cooling therapy for newborns with conditions such as hypoxic-ischemic encephalopathy (HIE) or other conditions that may cause brain injury. The device uses advanced technology to monitor and regulate the infant's body temperature, allowing for precise and controlled cooling. Its compact and portable design makes it easy to use in various clinical settings, and its user-friendly interface allows for easy adjustment of settings as needed. The VNG Neotherm™ is used with accessories such as mattress and temperature probe which are reusable in nature.



Cerebral Function Monitor

Encephalan CFM is an aEEG device marketed by VNG Medical that works in conjunction with cooling systems to monitor EEG and aEEG activity in neonates. The device uses advanced technology to measure the electrical activity of the brain, allowing healthcare professionals to assess the neurological status of the infant and detect or mark seizures. Encephalan CFM is a valuable tool for neonatal care, aiding in the diagnosis and management of conditions that affect brain function in newborns. By providing reliable and accurate information about brain activity, Encephalan CFM helps healthcare professionals make informed decisions about treatment options, improving outcomes for infants in need of critical care.



Respiratory care

Neonates are at a higher risk of respiratory complications due to their underdeveloped lungs and respiratory system. Proper respiratory care is crucial in the care of neonates to prevent complications and promote healthy development.

VNG Medical offers a range of respiratory care solutions for neonates, including Bubble CPAP devices, Resuscitation and Blender/Humidifiers. These devices are designed to provide gentle and effective respiratory support, improve oxygenation, and reduce the risk of complications.

Air Oxygen Blender

Air Oxygen blender is a medical device used in NICUs to deliver a controlled mixture of air and oxygen to infants. It allows healthcare professionals to adjust the oxygen concentration, aiding in the respiratory support of premature or critically ill newborns, improving outcomes and reducing complications.



Infant Resuscitator

The VNG Infant Resuscitator is a portable manual device used for breathing assistance in newborns experiencing respiratory distress. It's easy to use, lightweight, and durable, making it ideal for low-resource settings



VNG HD-200 Humidifier

The VNG Humidifier is a compact device used in respiratory care to add moisture to inhaled air. It's adjustable, easy to operate, and is used with oxygen therapy equipment to prevent dryness and irritation in the respiratory tract.

Bubble Cpap

Bubble CPAP (Continuous Positive Airway Pressure) is a non-invasive respiratory support system that delivers pressurised air and oxygen to the airways of neonates with breathing difficulties. It is designed to help keep the airways open, improve oxygenation, and reduce the need for mechanical ventilation. VNG Medical offers a range of Bubble CPAP devices for neonates that are designed to provide gentle and effective respiratory support. Their devices are easy to use, provide accurate pressure control, and offer a range of safety features to prevent overpressure or disconnection.



Preterm Simulator

Simulators are an essential tool in the training of healthcare professionals in the care of newborn patients. They allow doctors to practice procedures and interventions in a safe and controlled environment, without putting real patients at risk.

Using simulators in training can improve the confidence and competency of healthcare professionals, leading to better outcomes for patients. It also allows for standardised training and evaluation, ensuring that healthcare professionals are prepared for various clinical scenarios.

Hello Paul

Hello Paul is a preterm simulator marketed by VNG Medical for neonatal training purposes. It replicates the appearance, weight, and clinical presentation of a premature infant, allowing healthcare professionals to practise a range of clinical scenarios and conditions in a safe and controlled environment. Featuring realistic respiratory and cardiac sounds, the simulator helps improve outcomes for premature infants by developing the skills and knowledge of healthcare professionals.

[Hello paul even responds to basic stimuli like touch !](#)



Newborn hearing / Diagnostic Solution

Newborn hearing screening is a test performed on infants to detect hearing loss early, allowing for timely intervention and management.

VNG Medical offers a range of solutions for newborn hearing screening, including portable and desktop hearing screening equipment. Their devices are designed to provide fast and accurate results, with features such as automated testing protocols and a variety of transducer options.

EP Lite Pro

EP Lite Pro is an ABR/ASSR device marketed by VNG Medical. It provides reliable auditory brainstem and steady-state response measurements in neonates and infants, aiding in the early detection and diagnosis of hearing impairments. Its compact and user-friendly design makes it suitable for use in various clinical settings, improving outcomes for infants with hearing loss.

