

NEONATOLOGY

The Golden Hour



The Golden Hour

Research shows that what happens in the first hour of life of a premature infant can make the difference between a good outcome, a poor outcome, and death. By focusing on the key areas of thermoregulation, resuscitation, administration of antibiotics and parenteral nutrition, hypoglycemia management and admission into the NICU, the risks of morbidity and mortality decrease.¹

We understand how the procedures carried out during the first 60 minutes last a lifetime. We invite you to partner with us for all of your Golden Hour needs and achieve best outcomes.



THERMOREGULATION

Intervention: neohelp™

for heat loss prevention

Neonatal resuscitation guidelines recommend placing premature infants < 32 weeks gestation in a polyethylene wrap or bag without drying to prevent hypothermia.²



Adjustable Hood

With 50% of heat loss coming from the head, plastic covering may make a significant difference in heat loss and improve thermoregulation in VLBW infants.³



Central Velcro Opening

Designed to conserve heat while the key areas of care are carried out, such as placement of monitoring equipment and umbilical catheters.¹



Double layer of transparent polyethylene

The transparency of bags make it easier for caregivers to observe and manage the infant with minimal disruption of the wrap.⁴



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SURFACTANT ADMINISTRATION

Intervention: surf**cath**™

LISA method: Less Invasive Surfactant Administration

For babies needing treatment for respiratory distress syndrome (RDS), our new surf**cath**™ uses the LISA (Less Invasive Surfactant Administration) technique to place the catheter. It was specifically designed to improve manoeuvrability during placement whilst also eliminating the need for the commonly used Magill forceps.



Adjustable Hood

- 2cm mark shows when surf**cath**™ is in place
- Soft tip minimises risk of tracheal lesions and prevents kinking
- Pre-curved to follow the airway anatomy and eases the passage between the vocal cords



20cm length with cm markings

- Longer length eases manipulation of the surfactant syringe away from the patient's head.
- Centimetre markings indicate the inserted length and check that surf**cath**™ stays in place

Transparent bendable thermoplastic material

- Transparent material allows visual check on the delivery of surfactant
- Thermosensitive material allows you to curve surf**cath**™ prior to use meaning no need for Magill forceps
- Semi-rigid material also allows high manoeuvrability, helping to follow the airway anatomy

Less invasive 6Fr gauge

- Less invasive 6Fr gauge
- Low dead space (0.2mL)



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VENOUS OR ARTERIAL ACCESS

Intervention: umbilical **catheters**

Umbilical venous catheters are used for:

- Parenteral nutrition & fluid administration
- Drugs administration
- Venous blood sampling
- Transfusion of blood or blood products
- Exchange transfusion

Umbilical arterial catheters are used for:

- Arterial blood sampling
- Arterial pressure measurement
- Blood pH and blood gas analysis
- Fluids and drugs administration



Three-way tap

Colour-coded caps for venous / arterial identification



Luer-lock Connector

For efficient connection



Numerical markings every cm

Make it easy to check the length of catheter inserted



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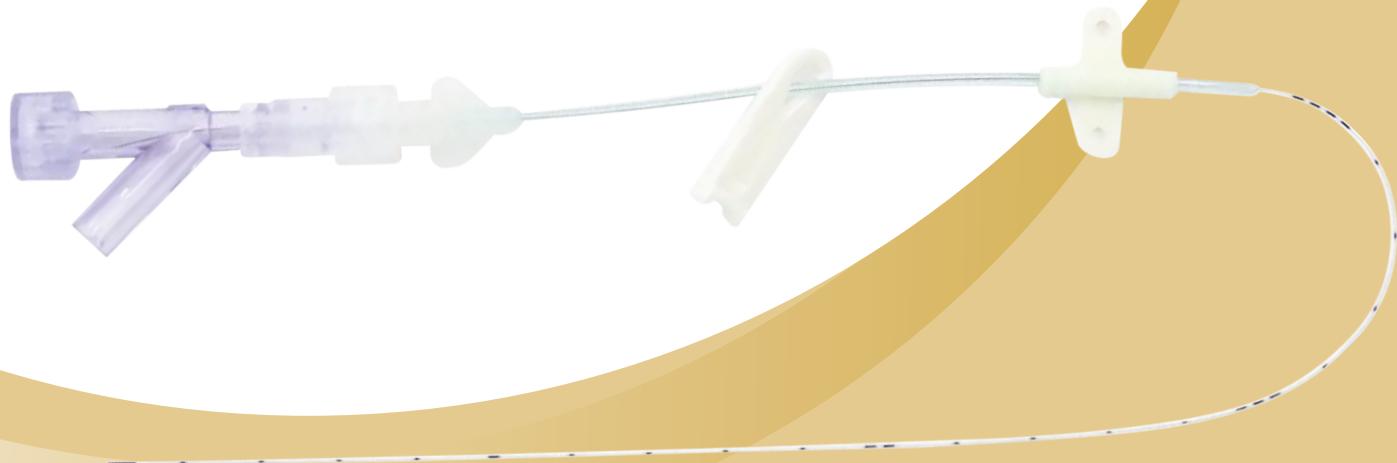


SHORT & MEDIUM-TERM INFUSION

Intervention: Premicath®

A 1Fr PICC line designed specially for newborns under 1kg

Infants born prematurely weighing under 1kg often need the nutritional and therapeutic support that can only be delivered into their tiny vessels via venous access. At just 1Fr, premicath® has been specially designed for the smallest and most fragile babies to deliver optimum accuracy during placement as well as minimizing trauma for patients.



Flushable styletted line

- For checking the line patency
- Stylet allows for clear visual confirmation and easier catheter advancing

Extension line

Integrated extension with small fixation wings give better catheter stabilisation

Small round clamp

Small line clamp for line management

Black markings

Markings every centimetre with bigger black marking at the tip for accurate catheter placement and confirmation of full catheter removal

X-ray opaque

X-ray opaque for accurate tip location without additional contrast medium

Small 1Fr gauge

Minimises vessel trauma and suits the veins of very low weight premature babies (<1kg)

Fixation wings

Designed to be used with Grip-lok™

PUR material

PUR material is firm during insertion but softens with body temperature, which minimises vessel trauma and enhances dwell time



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