neohelp™

A sterile heat loss prevention suit to deliver life-saving thermal care

Immediately after a premature baby is delivered by c-section, the priority is to place them in a warm and sterile environment. neohelp™ provides this essential protection so other essential Golden Hour care and treatment, including delayed cord clamping, can take place.[2,3]

Integrated adjustable hood

Decreases heat loss through radiation:

- More efficient than a stockinette cap allowing air to pass through the material
- The toggle allows you to adjust to the baby's head

Double layer of soft clear polyethylene

Decreases heat loss through convection and evaporation:

- Creates a warm and humid environment, mimicking the incubator effect
- The thin inner allows for excellent skin contact
- Creates a barrier against drafts
- Allows passage of radiant heat from an additional warming device (if used)[4]
- Transparent material allows vital observations[5]

Pre-shaped foam support

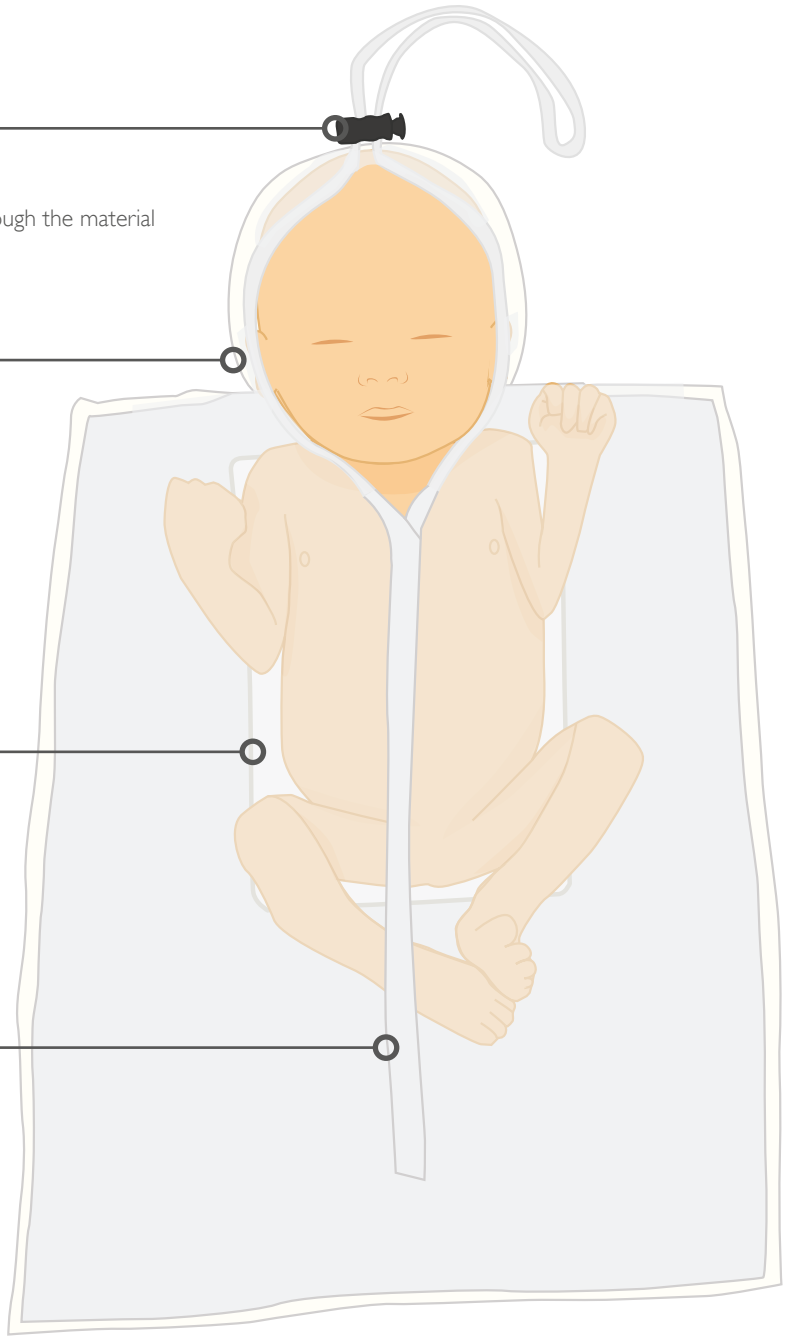
Decreases heat loss through conduction:

- Helps to maintain an open airway by raising the shoulders
- Stabilises the baby's position
- Provides thermal care during transportation
- Provides comfort

Central VELCRO® opening

Provides optimum seal to ensure heat conservation:

- Quick and easy to place around the baby
- Allows full access to the baby's body
- Designed for easy placement of monitoring equipment, IV, umbilical catheters and carrying out Golden Hour care



Why is thermal care important?

Thermal care is vital for a preterm infant because they may have unbalanced skin-surface to weight ratio, very little or no capacity to generate heat (brown adipose tissue), inadequate stores of subcutaneous (insulating) fat and immature epidermal barrier. [5,6]

At this vital time, neohelp prevents heat loss through its double layer of soft, clear polyethylene, integrated adjustable hood and VELCRO® seal.

For every 1°C decrease:
Risk of sepsis increases **by 11%**
Risk of death increases **by 28%**[4]

In the first 10-20 minutes,
without any protection,
temperature can fall **by 2-4°C**[7]

Why is delayed cord clamping important?

Provided the baby can be kept warm and does not need immediate resuscitation, the Resuscitation Council UK (RCUK) recommends delayed cord clamping (DCC) for at least 60 seconds whilst breathing is established.[8]
Delayed cord clamping has been shown to reduce the relative risk of:

- Intraventricular haemorrhage by 41% (RR 0.59, 95% CI 0.41 to 0.85)[9]
- Necrotising enterocolitis by 38% (RR 0.62, 95% CI 0.43 to 0.90)[9]

In addition, this procedure increases circulation of blood volume after birth and an improvement in cardiovascular stability, reducing the need for a blood transfusion.

Ordering codes

Item #	Baby weight	Description	Dimensions	Units/Box
37.09.14	< 1kg	neo**help**™ Small	L. 38 cm x W. 30 cm	10
37.09.15	1-2.5 kg	neo**help**™ Medium	L. 44 cm x W. 38 cm	10
37.09.16	> 2.5 kg	neo**help**™ Large	L. 50 cm x W. 38 cm	10