

Neonatal Catalogue



HMS Medical⁺

Specialising in Patient Care

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Sonic Muffs have been designed specifically for premature babies to protect their sensitive ears and provide a quieter environment for healthy and safe development. Sonic Muffs reduce the level of noxious environmental stimuli within the nursery and this “quiet time” has been shown to positively impact on the baby through:

- potentially longer periods of sleep and more stable sleep patterns
- improved physiological stability
- optimal oxygenation

- Tested and found to reduce sound levels by 9.6 decibels (dB)



Sonic Muffs

Neonatal Developmental Care

- Ergonomically designed to fit comfortably around the baby's ears
- Soft foam oval shape with silicone base adhesive which is
 - easy to apply
 - gentle to babies skin
 - repositioning friendly

- 360° protection leaving no angle unattended

- Single Patient Use to meet infection control standards

Dimensions

Inner Width	2.856cm
Inner Length	3.493cm
Inner Height	0.787cm



- Protects the sensitive ears of ventilated babies
- Reduces disruptive noise associated with transfer of infants to different hospital units and provides a quieter environment during transport in emergency vehicles
 - Effectively protects the baby's ears when undergoing MRI

Code: SM001 39 Pairs / box

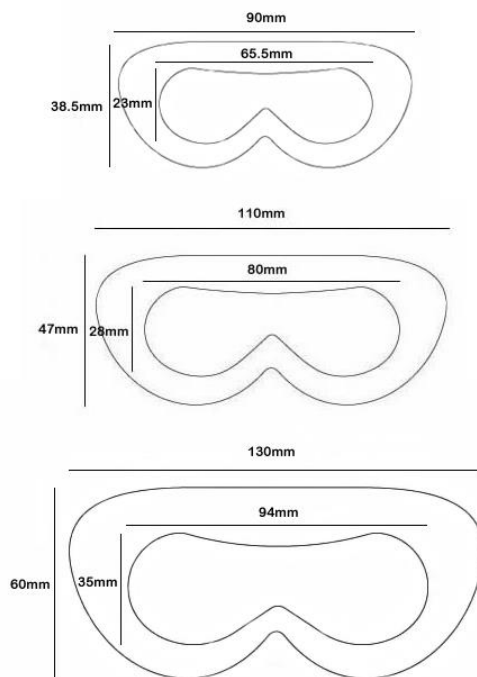
References:

1. Developmental care for neonates-Health.Vic Victoriastate government
2. American Academy of Pediatrics.Noise:A Hazard for the Fetus and Newborns.
3. Premature infant responses to noise reduction by earmuffs: effects on behavioral and physiological measures. J Perinatol. 1995 Nov-Dec;15(6):448-55.



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The Neo-Photoshades have been created to provide a protective and secure eye shield for the infant when they require phototherapy treatment. The ergonomic shape and soft cushioned structure ensures that the Neo-Photoshades will block any harmful light to the infant's eyes.

- Consists of a very soft conformable PU backing film coated on one surface with a soft silicone adhesive; ideal for use on sensitive and fragile skin.
 - The gentle adhering capability of the silicone gel backing will ensure that the eye shield is in place during the whole process
 - The measurements of the fabric and whole eye shields are provided to enable the right size to be selected
 - Provides complete blockage of external light due to the high density black fabric backing.
- The fabric in contact with the eye is pure cotton with no dye

SIZES AVAILABLE

When ordering please quote the following (minimum quantity 1 box):

SHAPE	DIMENSIONS	ORDER#	QTY/BOX
Petite	Outer – 90mm x 38.5mm	NSPS000	50
Small	Outer – 110mm x 47mm	NSPS001	50
Medium	Outer – 130mm x 60mm	NSPS002	50

Quik Vac Neonatal Immobiliser



**The Quik Vac Neonatal Immobiliser system
is for Newborns up to 12 months.**

Having total motionlessness of a baby, so as to be able to perform a scan / MRI is impossible unless sedated.

The Quik Vac Neonatal bean bag positioner safely and securely fastens around the baby to restrict any movement, and reduces the need for any sedation and possible repeat scanning. Use in conjunction with Sonic Ear Muffs to reduce the noise disturbance from the MRI.



Sonic Muffs - reduces sound levels by 9.6dB

- Place the infant on the Quik Vac beanbag, with head at the narrower end.
- Fold the Quik Vac up and around the infant and secure with the Velcro adjustable straps.
- Connect the tubing using a linket to wall suction or a hand pump.
- Apply suction and mold around the infant until bean bag is firm and infant is immobile.



The Quik Vac Neonatal is quick and easy to use.
No movement of the baby - better imaging results.
Conforms comfortably around the infant and keeps them warm.
Suction stabilises the bean bag and the shape is retained until the valve is released.
By opening the valve, the bag's shape softens.
Wipe over with a PH neutral detergent or wipe.

CODE	Description	Qty
QV-NI	Quik Vac Neonatal Immobiliser	Each
SM001	Sonic Muffs	30 pairs per box

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Quik Vac Neonatal Immobiliser

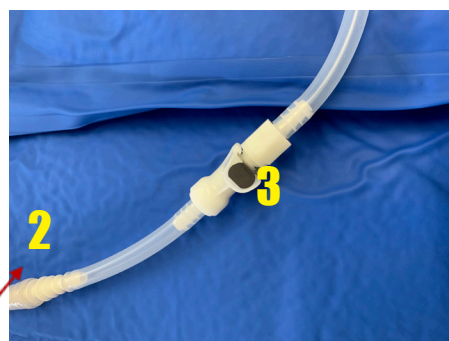
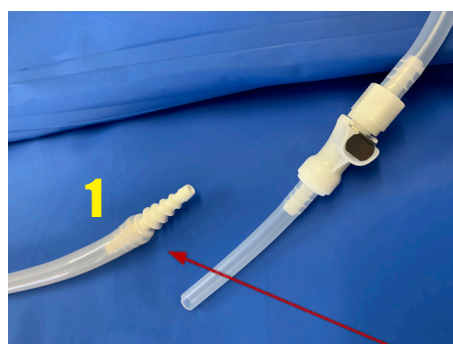
Instruction for Use

Before Use:

1. Ensure that the Quik Vak Bean bag is clean and ready for use.
2. Inspect for firmness. You should always test the Bean bag prior to use by connecting the suction. Check the firmness of the Quick Vak Bean Bag, listen for audible leaks and test that the Beanbag remains firm.
3. Soften the Bean Bag. Simply "Click/Push" the tip of the valve down. This will bring the Bean Bag backed to a relaxed soft state. If necessary, you can shake the Bean Bag gently to distribute the beads evenly.
4. Smoothing the beads. Place the soft Bean Bag on the operating table and smooth the beads to an even and uniform thickness. Be sure to taper the beads at the edges of the BeanBag to avoid thick areas that can cause bumps under the patient.
5. Ensure that the velcro straps are in place and threaded through the Red Loops.

Applying Suction:

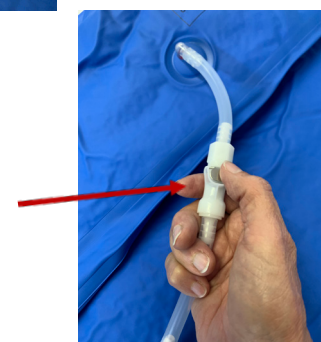
Suction can be applied by simply connecting to the wall suction line or to a hand pump – may require a linket to connect the suction tubing. Adequate suction is required to mold the Bean Bag to the patient.



Linket

To apply suction

1. To connect the suction tubing to the valve may require a linket.
2. Apply suction until the desired firmness, position and access is achieved.
3. Before disconnecting the suction - click the silver button to seal off the bean bag.
4. Suction can now be disconnected
5. Remove the section of tubing from the Quik Vac with the silver button - bean bag will remain vacced and in position.



Molding the Quik Vac Bean Bag:

1. Place the patient on the Bean Bag in its relaxed 'soft' state.
2. Positioning the patient on the Bean Bag, with their head at the narrowest end.
3. Mold the soft Bean Bag (may require multiple people to achieve depending on size of Beanbag) around the patient's body or extremities to support the patient in the desired position.
4. Secure the Velcro Straps
5. Simply attach the suction line and apply suction.
6. To soften - reattach the segment of tubing and click together. The Quik Vac can now be repositioned.
7. Thoroughly clean and dry the Bean Bag after each use and then store flat. Never place sharp or heavy objects on it.
8. Do not immerse or autoclave.
9. Replace the velcro straps if required.



Checking the Patient's Position:

Always remember to check the patient's position and stability periodically during the procedure.

Ensure that the valve is accessible. Always place the valve in an easily accessible location. It may be necessary to re-attach the suction line to firm-up the Bean Bag during a procedure.



Neo-Shield

- Latest technology against heat radiation and conduction

- silver reflective surface
- insulation foam layer

Providing accurate temperature monitoring.

- Silicone based adhesive: the most gentle adhesive in modern medicine, especially for neonatal skin.
- Maintains skin integrity; does not cause pain or damage when removed.
- Will not leave residue on the skin.
- Able to be repositioned without losing adhesiveness:
Extends product life; cost effective.
- Now available in 2 sizes

When ordering please quote the following

Description	Order #	QTY
Neo-Shield 2.5cm x 2.5cm	REF-001	50 pieces / Box
Neo-Shield 3.5cm x 3.5cm	REF-002	50 pieces / Box



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The Neo-Guard Family has been designed to protect the sensitive nasal and facial skin of the neonate undergoing oxygen treatment. They guard the neonatal septum from trauma and irritation which is often caused by pressure & motion from the oxygen prongs and masks.

- Hydrocolloid material is very skin friendly even to the sensitive skin of neonates.
- Repositioning of the Neo-Guard on neonates is easy and does not cause any discomfort.
- The special hook & loop design at the bottom of every piece of Neo-Guard provides an extra method of securing multiple types and sizes of nasal device.
- Easy observation of the condition of the nasal nares.
- Multiple sizes & designs available for the best match of therapies to baby weight.

Optimization

Three unique designs to best suit the type of oxygenation therapy.

Neo-Guard

- Specially designed for nasal CPAP
- It adopts a partially cut-through star around the holes to generate retention on the prongs, effectively securing them in position and providing a better seal for stable alveola pressure.

Neo-Guard Plus

- Intergrates a layer of foam with a silicone base.
- Will give better protection against potential pressure necrosis to the columella.

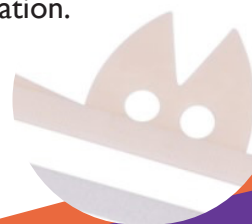


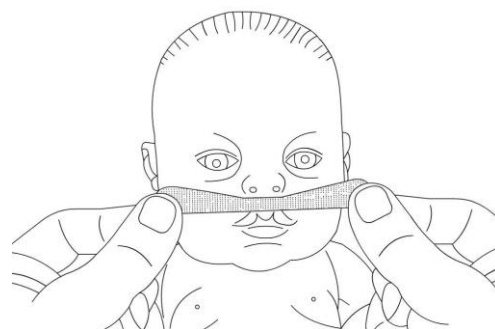
Code	Dimensions
NG000	CPAP Neo-Guard <700g
NG001	CPAP Neo-Guard 700g - 1250g
NG002	CPAP Neo-Guard 1250g - 2000g
NG003	CPAP Neo-Guard 2000g - 3000g
NG004	CPAP Neo-Guard >3000g
NGP-S-M	CPAP Neo-Guard w/foam <2000g
NGP-M-L	CPAP Neo-Guard w/foam >2000g

HFNG-S	High flow Neo-Guard <1250g
HFNG-M	High Flow Neo-Guard 1250 - 2000g
HFNG-L	High Flow Neo-Guard >2000g

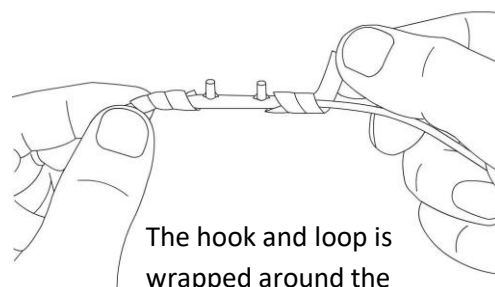
High Flow Neo-Guard

- The holes are significantly larger than the cannula, providing a clear flow path.
- Contact between the nasal nares and the cannula is minimal therefore reducing any potential trauma or irritation.





A hook and loop strip is supplied with each Neo-Strip enables attachment of the cannula



The hook and loop is wrapped around the cannula in order to secure to Neo-Strip



The Neo-Strip is made from Hydrocolloid material with an adhesive backing for gently attaching to the baby's delicate skin, without causing damage, but of sufficient retention to allow insertion of cannula or feeding tubes

- Developed to replace adhesives that can be harmful to the babies delicate skin
- The Neo-Strip system offers repositioning through the hook and loop strip
- The hook and loop strip can be wrapped around the tube and attached to the Neo-Strip to secure the cannula
- Hydrocolloid material gentle to skin

SIZES AVAILABLE

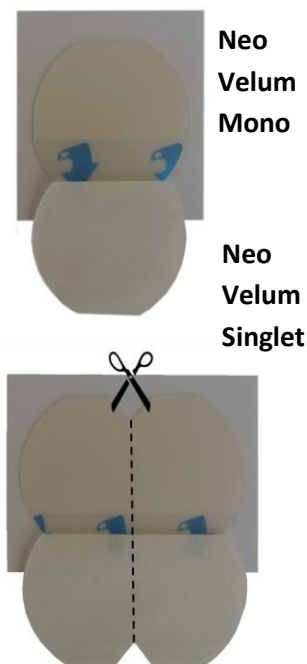
When ordering please quote the following (minimum qty 1 box):

DESCRIPTION	ORDER#	QTY/BOX
Neo-Strip	NS001	50

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Neo Velum Doublet

The Neo-Velum is a disk of Hydrocolloid backing with a transparent dressing covering.

The cannula/tubing is held between the hydrocolloid and the transparent dressing to form a secure attachment.

- The hydrocolloid material bonds gently with the skin, retaining adhesiveness on sweaty skin
- Catheter condition can be easily detected through the transparent dressing
- Perfect for all types of tubing:
 - Mono – Neonates to 2 yrs old for feeding tubes
 - Doublet – Neonates to 2 yrs old for oxygen tubes and CPAP tubing
 - Doublet Mini– Neonates for oxygen tubes and CPAP tubing
 - Singlet – Paediatric (2 to 8 yrs) for feeding tubes
 - Mono – cut into two pieces along the dividing line: can be used for oxygen tubes, CPAP tubing for preterm and light-for-date babies
- Simple yet effective
- Sterile and latex free

SIZES AVAILABLE

When ordering please quote the following (minimum quantity 1 box):

DESCRIPTION	ORDER#	QTY/BOX
Neo-Velum Singlet - 1pc/pack (5x3.5cm)	NV-SINGLET	50
Neo-Velum Doublet - 2pcs/pack (3x3cm)	NV-DOUBLET	50
Neo-Velum Doublet - 2pcs/pack (2.5x2.5cm)	NV-DOUBLET MINI	50
Neo-Velum Mono - 1pc/pack (3x3cm)	NV-MONO	50

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FEATURES

- 2 sizes available – disposable single use
- Neonate can be positioned on the side, prone or supine
- Material using the latest non-woven technology
- Providing optimum boundaries
- 2 fixed straps for fixing/security and detachable strap for positioning baby
- Every Neo Snug includes two clip on Velcro tube holders



Neo Snug –

Size 01

- Adjustable for the smaller neonates and babies



Neo Snug –

Size 02

- For larger babies

Ideal Supported Positioning

The Neo Snug mimics the position of the baby in-utero so providing security for the new born:

- Flexed
- The head is in the midline, neutral neck
- Shoulder protraction
- Hands to midline/mouth
- Neutral hips and feet
- Boundaries with some freedom of movement
- Tactile input

Benefits of Supportive Positioning

- Promotes physiologic stability (joint stability, muscular development, tone and alignment)
- Increase O2 Sats and decreases RR and HR
- Promotes deep sleep
- Facilitates different levels of consciousness/arousal
- Promotes neurobehavioral development/stability
- Promotes self-regulation
- Reduces stress
- Frees the hands of the caregiver
- Provides graded input of proprioceptive, tactile and visual stimuli
- May decrease the need of any analgesic and/or sedative

SIZES AVAILABLE

When ordering please quote the following (minimum quantity 1 box):

DESCRIPTION	ORDER#	QTY/BOX
Disposable Neo-Snug – size 01	NSG001C	50
Disposable Neo-Snug – size 02	NSG002C	50

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PROPERTIES

- Non-toxic gel in a strong TPU covered bag, difficult to puncture
- Soft and gentle on the baby's skin, ergonomic to use
- Reusable and easy to clean



ADVANTAGES/USES

- Alleviate pressure caused by prolonged immobility
- To protect fragile preterm skin
- Absorption of vibrations

WHAT IS NEO-TENEO?

The Neo- Teneo is a non- toxic, gel filled positioning range of gel cushions that helps to alleviate pressure caused by prolong immobilization due to other medical conditions, such as assisted ventilation, where the requirement for frequent turning or repositioning of the babies isn't possible.

In preterm babies, bilateral head moulding (plagiocephaly) is common. Less moulding over time will be seen if the babies are using the soft Neo-Teneo. Plagiocephaly does affect the physical appearance sometimes causing uneven growth of the face or head.

Neo-Teneo uses a TPU covering which is strong yet pliable, unlike PVC which cracks and causes fast evaporation of fluid, both of which are of major concern. TPU is also a more durable covering and as such used more nowadays for medical devices.

SIZES AVAILABLE

When ordering please quote the following (minimum quantity 1 box):

SHAPE	DIMENSIONS (CM)	ORDER#	QTY/BOX
Rectangular	13 x 19 x 2.0	NT-001	15
Round Shape	23 x 23 x 2.0	NT-004	15

* Disposable covers also available for Neo-Teneo

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PROPERTIES

- Non-toxic gel in a strong TPU covered bag, difficult to puncture
- Soft and gentle on the baby's skin, ergonomic to use
- Reusable and easy to clean



ADVANTAGES/USES

- Optional temperature indicator on the mattress
- Alleviate pressure caused by prolonged immobility
- To protect fragile preterm skin
- Absorption of vibrations

WHAT IS NEO-TENEO MATTRESS?

The non-toxic, gel-filled Neo-Teneo Mattress provides a soft surface that helps to relieve pressure points, protect fragile preterm skin and encourage proper positioning.

The Neo-Teneo is constructed from TPU which is strong, yet soft and pliable, by far a better quality than PVC and as such minimizes any potential cracks and evaporation.

Recent research has shown that infant incubators produce noise and vibrations that may be an issue with the cardiovascular, pituitary-adrenal axis and auditory systems of the neonate during transportation.

The Neo-Teneo mattress reduces pressure areas or vibration for infants who are immobile. Research has shown that the mattress is especially effective in reducing vibration during transport.

SIZES AVAILABLE

When ordering please quote the following (minimum quantity 1 box):

SHAPE	DIMENSIONS (CM)	ORDER#	QTY/BOX
Mattress (with temp ind)	30 x 57 x 2.5	NT-006	2

* Disposable covers also available for Neo-Teneo

Distributor:



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Sil-Fixx Tape

Silicone Tape



Sil-fixx is Conlett's New Generation Silicone Adhesive Tape.

The new technology incorporates the silicone into the PU base tape. It is highly permeable and conforming to the skin.

Suggested Applications:

Very sensitive skin: Neonates and Geriatric patients. Suitable on damaged skin such as Dialysis, Chemotherapy and Radiography patients, thanks to its gentle and non-stripping properties

All types of fixation e.g. IV, Cannula, tubes, electrodes etc

Can also be used to protect the skin from irritation or sores from another cause.

Features:

- Is soft and pliable. Will not damage sensitive skin nor will it cause pain when removing. Because the tape has "non-stripping" properties, it will not damage or disrupt any skin layers with continual use.
- The patent design allows tearing at the required length without stretching and compromising the tapes strength.
- Has excellent adhesive properties - waterproof, higher skin adhesive power, corners won't peel back when wet.
- Conforms well to applied areas because of the PU backing on the tape.
- Sil-fixx can be lifted / removed without losing the adhesive effectiveness.
- No hair removal
- No residue left behind.



Code	Dimensions	Qty / Box
SF1915	1.9cm x 1.5m	6 Rolls
SF2515	2.5cm x 1.5m	6 Rolls
SF2550	2.5cm x 5m	6 Rolls
SF5050	5cm x 5m	4 Rolls



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Neo-Vista

For easy identification of veins in the Newborn



The Neo Vista is a portable vein illumination device for neonates and babies.

When activated it displays a map of the vasculature on the surface of the skin, allowing clinicians to verify patency and avoid valves or bifurcations.

It is a more effective venepuncture procedure, with less patient discomfort, resulting in higher patient satisfaction and ensuring shorter procedure time.

- Easy to use, economical and hands free
- Increases the success rate with first attempt of venepuncture
- Splash proof, so that the user can clean it with disinfectant
- Minimum maintenance required

SIZES AVAILABLE

When ordering please quote the following (minimum order qty 1 box):

ORDER#	DIMENSIONS	QTY/box
TRANS1	108mm x 32mm (max) x 38mm (max)	20

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Also available in a Plus size.

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Protective Glasses



Red / White Frames



Black / Black Frames



Orange / Black Frames



Large Over Glasses



Small Over Glasses

Code	Dimensions
JY7AP05	Black / Black Frames
JY7AP16	Red / White Frames
JY7AP17	Orange / Black Frames
BP3017	Small over glasses
BP3187	Large Over Glasses

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