

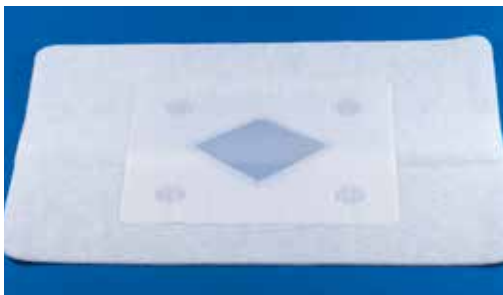


**PROMETHEUS  
MEDICAL LTD**

**AIRWAY**



**[www.prometheusmed.com](http://www.prometheusmed.com)**



## Russell Chest Seal®

Emergency chest seal with integrated valve for open chest wounds.

The Russell Chest Seal® is a new and innovative dressing that addresses all the issues posed by existing Chest Seals. It is Latex free, highly adhesive yet easily removed, and functions extremely well even in the presence of blood or fluids. By providing 4 separate apertures, the need to orientate the dressing to deliberately position a valve in a gravitational downward direction is eliminated. The Russell Chest Seal® is very flexible and will conform easily to all skin surfaces. It is packed ready folded thus taking up very little space once packed in the medical kit.

The Russell Chest Seal® uses the same hydrogel technology as the Nightingale Dressing™. It is capable of excellent adherence despite the presence of blood, sweat, hair or water.

The Russell Chest Seal® is one of the largest chest seals currently available at 20cm x 15cm.

### Key Features:

- Fast, easy and intuitive to apply
- Patented hydrogel base – ‘Sticks and Stays Stuck!’
- 4 large peripheral apertures allow drainage of air and blood
- Large central hole in base material allows quick accurate placement with reduced risk of obstructing the wound opening
- Low profile and highly flexible
- Compact: easy to pack into medical kit

### Specification:

- Dimensions: 20cm x 15cm
- Pack dimensions: 14cm x 13cm
- Weight: 20.5 grams

Product Code: IN0680

NSN: 6510-99-490-5137



THE QUEEN'S AWARDS  
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2015



## **Russell PneumoFix®**

The Russell PnuemoFix® is a sterile chest decompression device designed for the management of tension pneumothorax, simple pneumothorax and pleural effusion.

Designed by practising clinicians who understand the limitations of conventional equipment.

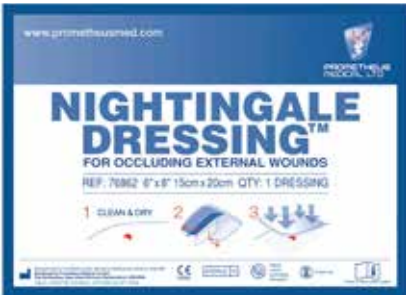
### **Key Features:**

- For medical professionals, use of the Russell PneumoFix® is quick, simple and intuitive
- Unlike the intravenous cannula, used historically in an improvised way for the management of tension pneumothorax, the Russell PneumoFix® is designed specifically for this purpose
- The Russell PneumoFix® has been designed to be inserted without the need for a scalpel or skin incision
- The device incorporates a Veress-tipped needle to minimise risk of injury to lung tissue
- 11cm long catheter – long enough to reach the pleural cavity of the vast majority of patients
- Low pressure one-way valve – to allow air and fluid out but nothing in
- Graduated markings and X-ray detectable catheter – for depth recording and accurate localisation at hospital
- 12-Gauge catheter – allows for rapid venting of air in tension pneumothorax
- Material chosen which minimises the risk of kinking of the catheter

### **Specification:**

- Dimensions: 28cm x 8.5cm (packed)

Product Code: PDF102



## Nightingale Dressing™

The development of the highly adherent Nightingale Dressing™ was in response to our customers who struggled to make traditional dressings stick adequately and who wanted something simple, quick and reliable to use in emergency situations. The Nightingale Dressing™ has great fixing properties (even with a heavily perspiring casualty) thanks to its innovative structure and composition. Its breathable design helps protect the adherence of the gel when the skin is damp and allows the dressing to remain securely in place, often for many hours.

This occlusive wound dressing is much larger than most others, helping to improve adherence and provide the ability to cover larger wounds.

### Key Features:

- Latex free
- Excellent adherent properties

### Specification:

- Dimensions: 15cm x 20cm

Product Code: PR0200

NSN: 6510-99-551-8826





## **NAR Tracheal Hook**

The NAR Tracheal Hook is designed to meet the specific and unique needs of the tactical health care professional when performing surgical cricothyroidotomy. Unlike other tracheal hooks, the NAR Tracheal Hook has a patented finger grip that allows you to stabilize and anteriorly displace the cricoid cartilage while providing maximum access and visualization.

### **Specification:**

- Dimensions: 10.5cm x 1.25cm x 2cm
- Weight: 14.18g

Product Code: NA10-0020

NSN: 6515-01-562-9734





## **Pneupac® VR1™**

The VR1™ is a simple, safe, portable ventilator configured as a lightweight palm sized unit – ideal for managing airway respiratory emergencies in any location. Quick to set up and easy to use, it can be taken into extreme environments such as an MRI scanner and extremely low temperatures. The Pneupac® VR1™ has been designed as a first response ventilator for emergency personnel in the ambulance, fire and police services and is also applicable in industrial and commercial markets.

The nature of the environment in which first responders have to operate requires the product to perform reliably in demanding conditions and circumstances.

### **Key Features:**

- Single knob tidal volume/frequency control
- Auto/manual control
- Air mix switch
- Patient demand system
- MRI compatible to 3 Tesla
- Relief valve – 40cmH<sub>2</sub>O
- Patient valve
- Linked manual controls
- Ergonomically designed
- IP rating 56

### **Specification:**

- Dimensions: 17cm x 10cm x 9.5cm
- Weight: 465g

Product Codes:

VR1™ unit with patient valve inc auto & manual modes with demand breathing: DI0321

VR1™ unit with patient valve inc auto & manual modes with demand breathing & air mix: DI0326



## paraPAC™ plus 300 & 310

The paraPAC™ plus gives you the versatility to deliver oxygen therapy, CPAP, demand oxygen and mechanical ventilation all from one compact, lightweight unit.

### Key Features:

- Use in MRI scanner to 3 Tesla
- Built in oxygen therapy facility
- CPAP
- DEMAND system, allowing the patient to breathe with the ventilator
- Lighter weight
- Ruggedness
- Manual breath with Pneupac® patented volume limiter
- Luminescent manometer
- Display of inspiratory and expiratory pressure
- Integrated PEEP function
- Airworthiness certification
- Hyperinflation accessory for neonatal ventilation

### Specification:

- Dimensions: 23.5cm x 16.5cm x 9.3cm
- Weight: 2.3kg

Product Codes:

ParaPAC Plus 300: DI0322

ParaPAC Plus 310: DI0323



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