



Airway Management & Pleural / Ascites drainage Product Catalogue

What We Do

Established in 2009, Veritas Bioventions Pvt Ltd is a Medical Devices Company, specialized in development of innovative products aimed at improving the quality of human life. We have state of art manufacturing facilities designed with scientific diligence to manufacture a variety of superior quality implantable devices. We are a fully integrated company in India offering world class quality Interventional Cardiology devices, Dental Implant systems, Prefillable syringes, Precision components, Speciality Equipment's and Weight loss therapies. The technologically advanced precision products that we offer have proven track record and are well accepted by the medical fraternity.

Cardiology

Gastroenterology

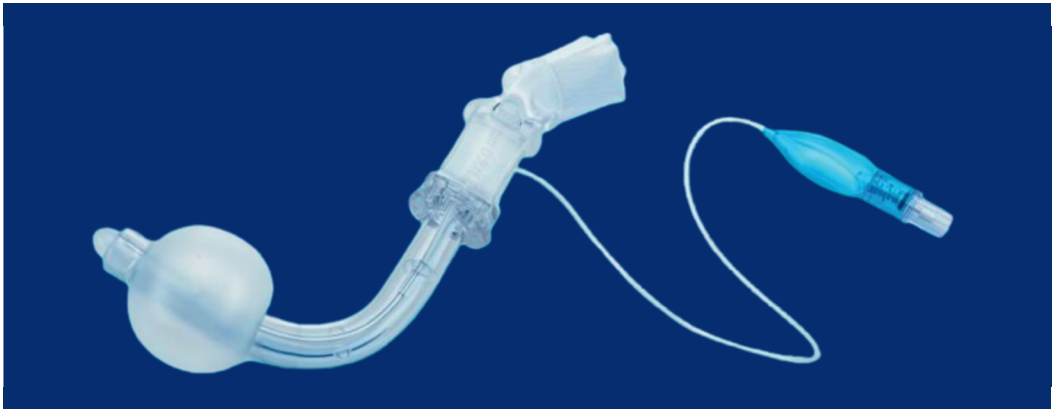
Dentistry

Weightloss & Aesthetics



Tracheostomy Tube

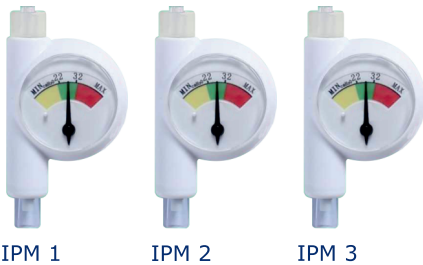
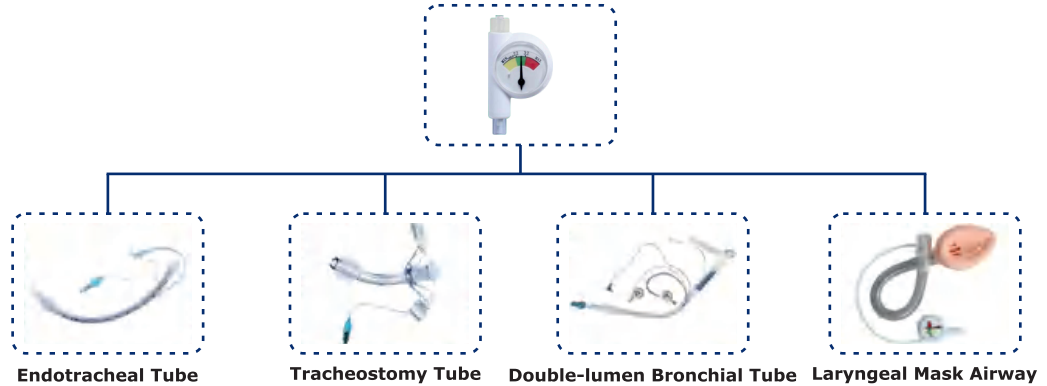
- Made of medical grade PVC, transparent, soft and smooth
- Cuffed & uncuffed optional
- Packed in sterilization bag (ETO sterilization).
- Size from 3.0mm-10mm optional.
- with head band
- Shelf life : 5 Years.



Model (Item No.)	Name	Size	Length (mm)	Package
CT-TT01	Tracheostomy Tube	3.0mm	56.5±1.5	
CT-TT02	Tracheostomy Tube	3.5mm	56.5±1.5	
CT-TT03	Tracheostomy Tube	4.0mm	56.5±1.5	
CT-TT04	Tracheostomy Tube	4.5mm	56.5±2	
CT-TT05	Tracheostomy Tube	5.0mm	62±2	
CT-TT06	Tracheostomy Tube	5.5mm	67±2	
CT-TT07	Tracheostomy Tube	6.0mm	67±2	
CT-TT08	Tracheostomy Tube	6.5mm	77±2	-----
CT-TT09	Tracheostomy Tube	7.0mm	80±2	
CT-TT010	Tracheostomy Tube	7.5mm	84±2	
CT-TT011	Tracheostomy Tube	8.0mm	90±2	
CT-TT012	Tracheostomy Tube	8.5mm	92±2	
CT-TT013	Tracheostomy Tube	9.0mm	97±2	
CT-TT014	Tracheostomy Tube	9.5mm	97±2	
CT-TT015	Tracheostomy Tube	10.0mm	97±2	

Intracuff Pressure Monitor

The Intracuff Pressure Monitor is a disposable single patient use cuff pressure manometer for all the kinds of cuffed intubations, like: ETT, LMA DLT and etc. The Intracuff Pressure Monitor provides continuously real time visual indication of the pressure into an inflatable cuff of intubations during the inflation as well as the whole anesthesia or mechanical ventilation after the inflation.



The Intracuff Pressure Monitor

- Original independent patent innovation
- Provides real-time intracuff pressure indication
- Dial manometer with numerical reading
- Make the Safety & Sealing in sight

- Dial manometer offer real accurate cuff pressure value, no more estimating
- Save the bother of constant hand-touch checking, make an easier intubation.
- Guide with the visual SAFE & reliable range of cuff pressure, make a safe airway for patient.
- Optimize clinical airway management and patient tracheal wall protection.
- Continuously Monitoring the cuff pressures during anesthesia & mechanical ventilation, eliminate and reduce risk of silent aspiration and VAP.
- Precise dial numerical pressure value range offers the evidence to follow, to achieve the EBM (Evidence-Based Medicine) and make records for the clinical research.
- Latex Free.
- Reusable (reference to IFU).

Revolutionary Innovation Device for Airway Safety

The practitioner or institutional guidelines suggest the exact inflation pressure is required to make a safe airway management. Literature suggest that cuff pressure between 22 cmH₂O to 32 cmH₂O is seal and safe for ETT intubation. And intracuff pressure range of 42-60 cmH₂O is good to achieve a reliable oropharyngeal seal for LMA, and no airwaytrauma happened as well.



Green Zone : Seal & Safe

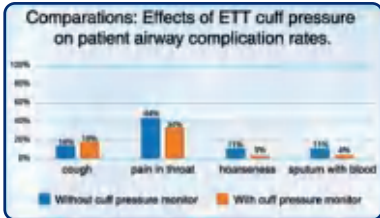
Red Zone : Over inflation / Exceed Safe

Yellow Zone : Lack Seal / Low Inflation

Benefits

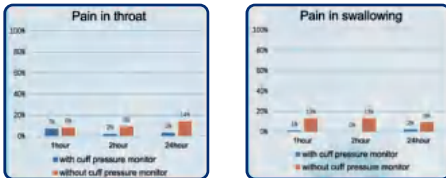
- Avoid the palpation errors, Precise dial value range offers the evidence to follow, to achieve the FBM (Evidence-Based Medicine) and make records for the clinical research.
- Optimize clinical airway management and patient tracheal wall protection.
- Protecting patient safety from VAP and tracheal injuries.
- Avoiding prolonged ICU stay, Increasing hospital efficiency.
- Considerable cost savings.

Comparations : Effects of ETT cuff pressure on patient airway complication rates



According to a multi-center clinical study:the average cuff pressure inflated under the handtouch checking is 58.48+31.68cmH2O(up to 285.6cmH2O)

Comparations : Effects of LMA cuff pressure on patient airway complication rates over time



According to the data of Chinese Journal of Anesthesiology, using pressure control to manage the patient's airway can reduce postoperative throat complications by about 70%

---Adapted from Anesthesiology 2010;112:652-7

"The endotracheal tube cuff pressure must be maintained within an optimal range of 20-30 cmH₂O, which ensures ventilation, prevents aspiration of secretions and guarantees a good tracheal perfusion."

---Clinical Practice Guidelines for Hospital acquired Pneumonia and Ventilator associated Pneumonia in Adults (USA)

Endotracheal tube

Applicable departments: anesthesiology, respiratory, emergency department, ICU

Endotracheal tube (Cuffed)



Optional PU material



Model : ETT-P11

Product Characteristics

- Made of medical grade PVC
- A guide wire was configured to facilitate rapid introduction of the cannula
- International standard universal joint, which fits closely with the ventilator connector.
- Mainly used for eye and other head surgery.
- Oral/Nasal, Murphy Eye, Radio Opaque

Product Parameters

Specifications / Inner Diameter				
2.0	3.0	4.0	5.0	6.0
2.5	3.5	4.5	5.5	6.5
7.0	8.0	9.0	10.0	
7.5	8.5	9.5		

Reinforced Suction Endotracheal Tube

With Intracuff pressure monitor



Suction Portit

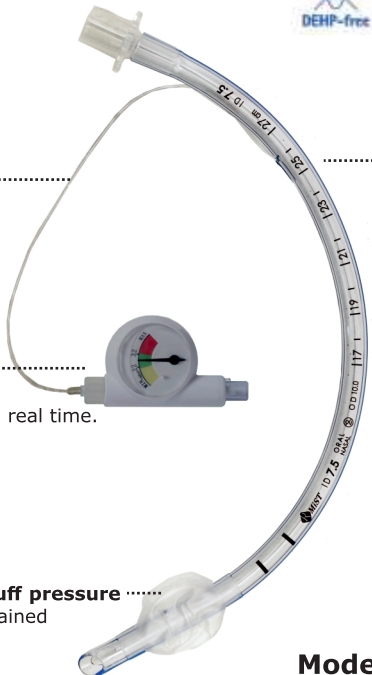
Works for the pre-suction flush and drain of oropharyngeal secretions and gastric reflux.

Intracuff pressure monitor (22-32cmH₂O)

Continuously monitor the cuff pressure in real time. Make the Seal & Safe in sight.

Reinforcing wire

High-strength steel wire is embedded to improve the anti-twist and anti-bending performance of the tube.



Inflated intracuff pressure

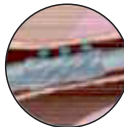
Should be maintained at 22-32cmH₂O

with pilot balloon

Model : ETT-P12



Exceed Safe Intracuff Pressure (>32cmH₂O)
Ischemic injury and even necrosis of airway mucosa Tracheoesophageal fistula may occur in severe cases



Low Inflation (intracuff pressure is <22cmH₂O)
Easily cause to aspiration
Airway leakage, reducing the quality of mechanical ventilation and affecting the clinical treatment effect

- **Product Characteristics**
- **Stylet is Optional as required.**
- **It makes the subglottic suction well-performed during the continuous ventilation.**

• Product Parameters

Specifications / Inner Diameter				
6.0	7.0	8.0	9.0	10.0
6.5	7.5	8.5	9.5	

Double Lumen Endobronchial Tube

Applicable departments: anaesthesiology, respiratory, emergency department, ICU

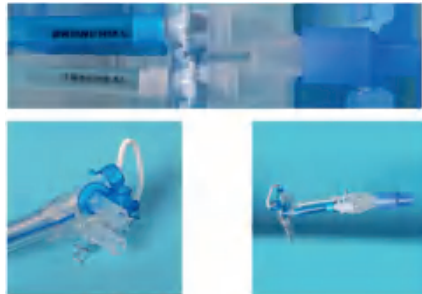
Double Lumen Endobronchial Tube with Pilot Balloon

Product Characteristics

- It can be established to realize single and double lung ventilation alternately.
- The extension tube and capsule are the same color, and the functional guidance is clear.
- The cross-section of the bronchial segment is circular and the inner diameter is enlarged to facilitate the passage of the bronchoscope.
- There are two types of left cavity and right cavity



Model: DLT-PL1



Double Lumen Endobronchial Tube With Intracuff pressure monitor

Product Characteristics

- The pressure of cuff can be monitor real-time.
- It can be established to realize single and double lung ventilation alternately.
- The extension tube and capsule are the same color, and the functional guidance is clear.
- The cross-section of the bronchial segment is circular and the inner diameter is enlarged to facilitate the passage of the bronchoscope.
- There are two types of left cavity and right cavity

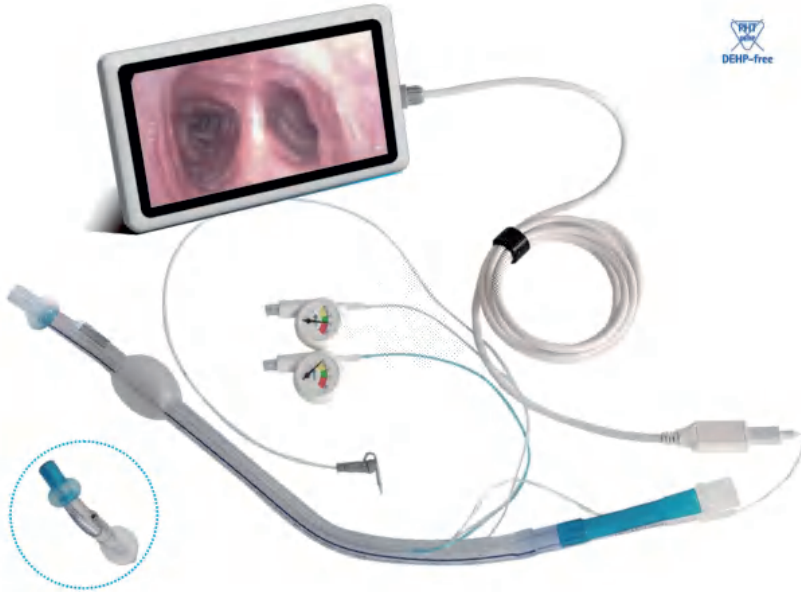
Product Parameters

Specifications					
28Fr	32Fr	35Fr	37Fr	39Fr	41Fr



Model: DLT-PL2

Video Double Lumen Endobronchial Tube with Pilot Balloon



Model: DLT-SL2

Product Characteristics

- Exclusive dual visual design, real-time monitoring of reflux, reduce aspiration
- Balloon design high volume low pressure, effectively reduce airway wall pressure, reduce airway damage
- Instant alignment, less damage, reduce the damage caused by visual field defect or blind probe
- The far end arc structure has the guiding effect, easy to locate, Double air bag structure fixed well, not easy to shift, high safety
- Establish unilateral or bilateral lung artificial airway, which can alternately achieve single and double lung ventilation. The extension tube and capsule are the same color, and the functional guidance is clear
- Reduce the use of fiberoptic, reduce the risk of hospital exposure, reduce the cost of disinfection and equipment loss

Product Parameters

Specifications	Size
Left side video DLE with cuff	28Fr, 32Fr
Left side Video DLE with IPM	35Fr, 37Fr
Right side Video DLE with cuff	39Fr, 41Fr
Right Side Video DLE with IPM	

Rocket® IPC™ Indwelling Drainage Catheters

Pleural Effusions and Ascites

Rocket® IPC™ Indwelling Pleural & Peritoneal Catheter is indicated for intermittent, long term drainage of symptomatic, recurrent, pleural effusion and peritoneal ascites including malignant pleural effusions that do not respond to medical management of underlying disease.

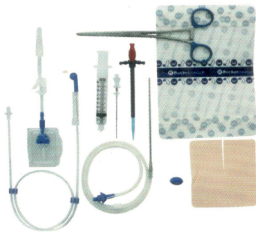
It is also indicated for intermittent, long-term drainage of symptomatic, recurrent, ascites, including malignant ascites and other ascites that do not respond to medical management of underlying disease. Also the palliation of symptoms related to recurrent malignant ascites.

IPC™ Catheter and Mini Insertion Kit

R54400-MINI

Contents:

- 1 X 16Fg X 40cm silicone indwelling catheter
- 1 X drainage line
- 1 X valve cap
- 1 X tunnelling forceps
- 1 X foam catheter pad
- 1 X clear-film dressing
- 1 X 18G guidewire insertion needle
- 1 X J-Tip guidewire
- 1 X 16Fr tearaway sheath/dilator



IPC™ Drainage Equipment

R54411-00-00

IPC 100ml Pre-evacuated Bottle & Cap only

R54410

IPC 500ml Pre-evacuated Bottle & Cap only

Each pack contains a sterile pre-evacuated Drainage Bottle and replacement IPC Cap. All items are single use only.



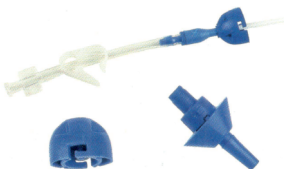
IPC™ Accessories

R54410-00-DL IPC Drainage Connection Line

R54410-00-CP IPC Replacement Cap

R54410-00-VV Replacement IPC Valve

All items are single use only.



Rocket® Chest Drainage Catheters & Kits



Rocket 8Fg Thoracentesis Set with 8Fg safety needle mounted catheter

R51551-08-00

Provides the best combination of drainage with superior insertion characteristics plus increased protection from the risk of needle stick injury.

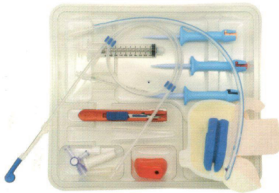
Pack Contents: 8Fg catheter with 6 fenestrations, 1cm markings that start 1 cm from last fenestration, one way valve, stitch plate, tubing extension, 3-way tap. Verres needle, easy aspiration syringe, 60ml syringe, protection sheath and scalpel.



Rocket 6Fg Thoracentesis Set

R51551

Pack contents: 6Fg catheter with 6 fenestrations, stitch plate, tubing extension, 3-way tap and cap. 18G needle, small scalpel easy aspiration syringe, 60ml syringe, protection sheath and 2L collection bag.



Rocket Seldinger Chest Drainage Kit with Safety Guard and fixation set

Size 12Fg: **R54544-12-SG** / Size 18Fg: **R54544-18-SG**

Pack contents: Skin knife, echogenic tipped insertion needle, guidewire, 10cm dilators with Safety Guards, 30cm catheter with radiopaque stripe and tip, syringe, stopcock, fir-tree & wide-bore luer connectors, skin fixation set.

Rocket Seldinger Chest Drainage Safety Guard & Ward Procedure Packs

Size 12Fg: **R54544-12-PK** / Size 16Fg: **R54549-16-PK**

Size 18Fg: **R54544-18-PK** / Size 20Fg: **R54549-20-PK**

Pack contents: Skin knife, echogenic tipped insertion needle, guidewire, 10cm dilators with Safety Guards, 30cm catheter with radiopaque stripe and tip, syringe, stopcock, fir-tree & wide-bore luer connectors, skin fixation set, ward procedure pack including drapes, swabs, sponges, 10ml syringes, gallipot., orange & green needles.



The Rocket Seldinger Chest Drainage Safety Guard & Ward Procedure Packs combines the benefits of small bore catheterisation with the ease and reliability of the Seldinger approach whether under direct vision, X-ray screening or ultrasound guidance. The sets contain the new shorter 10cm dilators with removable 'Safety Guard' to provide either 5cm or 10cm accessible dilator length.



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