

AIRWAY MANAGEMENT



Laryngeal Tubes / Cuff Pressure Gauges / Introducer, Stylet and Tube Exchanger
Cricothyrotomy / Airway Devices for Endoscopy / Resuscitators / Face Masks
Manual Suction Pump / Pelvic Sling / Simulators



Find our full range of products on www.vbm-medical.de

Here you will find our media centre with additional information such as application videos, brochures, flyers etc.

Disclaimer:

This advertising material includes information of the complete VBM medical device portfolio. Whether a medical device is available/approved in your region must be inquired. Please contact your VBM customer service.

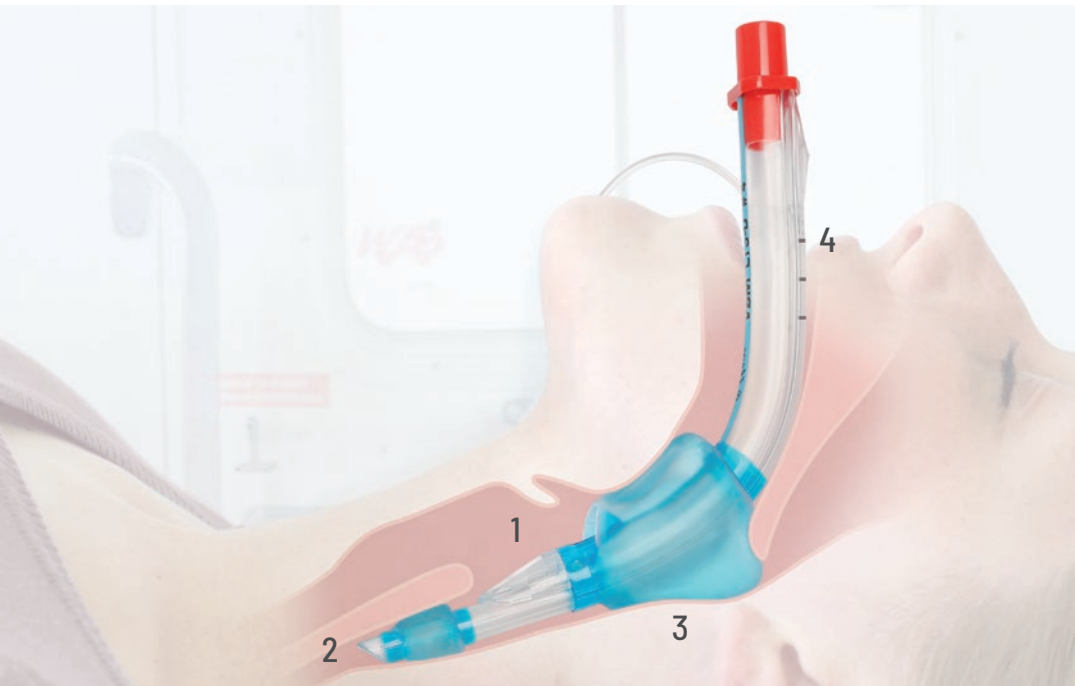
The medical devices in this catalogue are manufactured without the use of natural rubber latex, unless otherwise specified.

The medical devices in this catalogue do not contain phthalates which require labelling according to CLP Regulation (EC) 1272/2008.

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Laryngeal Tube LTS-D

The 2nd generation supraglottic airway device



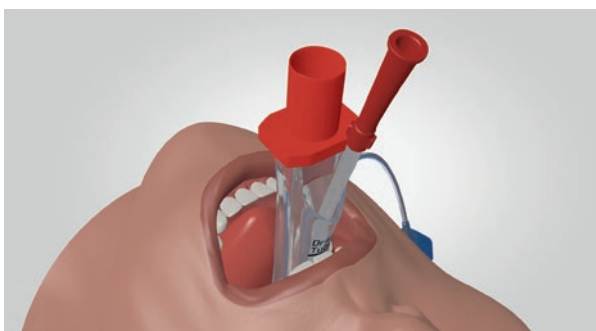
The Laryngeal Tube LTS-D is a 2nd generation supraglottic airway (with drain tube) and an alternative adjunct to temporarily secure the airway during emergency situations, e.g. cardiopulmonary resuscitation, in hospital as well as prehospital environments.

It is easy to insert and use, even with minimal training. In situations with limited space or in patients with minimal mouth opening the slim design of the laryngeal tube facilitates insertion.

The teeth mark is an indicator regarding the correct depth of insertion and for orientation and repositioning purposes. The colour coded system has proven invaluable in emergencies as the syringe and connectors indicate the recommended maximum inflation volume.

Features

- 1 Multiple ventilation outlets for efficient ventilation
- 2 Drain tube to prevent the risk of aspiration
- 3 Thin walled cuffs allow maximum airway leak pressure and reduce the spread of aerosol thanks to efficient pharyngeal sealing. The seal is achieved even at low cuff pressure (< 60 cm H₂O) making the LTS-D atraumatic to the mucosa.
- 4 Teeth mark as indicator for correct depth of insertion

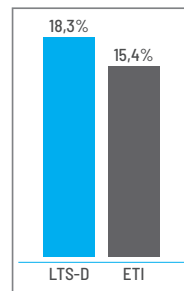


Drain Tube with inserted 18 Fr Gastric Tube

Clinical Features



A RANDOMIZED CLINICAL TRIAL
3004 PATIENTS
SUPERIOR OUTCOME
72-HOUR SURVIVAL



Exchange of LTS-D for Tracheal Tube using Video laryngoscopy and a Bougie

- Reduction of Aerosol Spread
- Reduction in "No-flow-time"
- Uninterrupted Chest Compressions

Higher 72-hour survival in adults with OHCA (LTS-D compared to ETI)

Order information

Laryngeal Tube LTS-D / For single use, sterile

Size	Patient	Weight / Height	Drain tube	Fiberscope	Colour	Single-Set With colour coded syringe	Set of 10	Emergency-Set With colour coded syringe
0	Newborn	< 5 kg	10 Fr	< 3.0 mm		REF 32-06-100-1	REF 32-06-000-1	Children (# 0, 1, 2, 2.5) REF 32-06-309-1
1	Infant	5 - 12 kg	10 Fr	< 3.0 mm		REF 32-06-101-1	REF 32-06-001-1	
2	Child	12 - 25 kg	16 Fr	< 4.0 mm		REF 32-06-102-1	REF 32-06-002-1	
2.5	Child	125 - 150 cm	16 Fr	< 4.0 mm		REF 32-06-125-1	REF 32-06-025-1	
3	Adult	< 155 cm	18 Fr	< 6.0 mm		REF 32-06-103-1	REF 32-06-003-1	Adults (# 3, 4, 5) REF 32-06-209-1
4	Adult	155 - 180 cm	18 Fr	< 6.0 mm		REF 32-06-104-1	REF 32-06-004-1	
5	Adult	> 180 cm	18 Fr	< 6.0 mm		REF 32-06-105-1	REF 32-06-005-1	

Syringe for Laryngeal Tube / Colour coded, with Luer attachment, for single use

Size	REF	Box
20 ml	54-04-111	10
60 ml	54-04-444	10
100 ml	54-04-555	10



Biteblock with elastic necktape / For single use, sterile

Size	For Tracheal Tube	Size Laryngeal Tube	Size Laryngeal Mask	REF	Box
4	6.5 - 8.0 mm I.D.	-	2, 2.5	40-66-040-1	20
5	8.5 - 11.0 mm I.D.	2, 2.5	-	40-66-050-1	20
6	-	3, 4, 5	3, 4, 5	40-66-060-1	20



Additional information



Application Video



Brochure

- S-Guide and i-Bougie see page 10 and 11
- Cuff Pressure Gauge Universal see page 8
- References see page 28

Intubating Laryngeal Tube iLTS-D

VBM's 3rd generation supraglottic airway device



Features



Intubation



Ventilation



Drain Tube

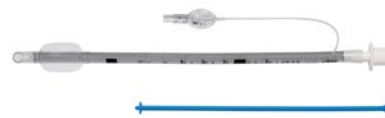
Order information

Intubating Laryngeal Tube iLTS-D / For single use, sterile

Size	Patient	Single-Set 1x iLTS-D 1x Syringe	Set of 10 10x iLTS-D	Intubation Set 1x iLTS-D 1x ET Tubus with Stabilizer 1x Syringe
2.5/3	125 - 155 cm	REF 32-08-123-1	REF 32-08-023-1	REF 32-08-309-1
4/5	≥ 155 cm	REF 32-08-145-1	REF 32-08-045-1	REF 32-08-209-1

ET Tube with Stabilizer / Armored, for single use, sterile

Size	For iLTS-D Size	REF	Box
5.5 mm I.D.	2.5/3	31-40-055-1	10
7.5 mm I.D.	4/5	31-40-075-1	10



/ Cuff Pressure Gauges

Cuff pressure gauges have been established as a standard device in many clinical institutions. More and more societies of anaesthesiology and intensive care throughout the world are endorsing the systematic control of cuff pressure in the recommendation of their guidelines. Ventilator-associated pneumonia (VAP) is the leading nosocomial cause of mortality in the Intensive Care Unit and has significant impact on hospital costs and length of stay. A leading cause of VAP is micro-aspiration of potentially infectious secretions through microchannels formed from infolding of redundant cuff material after inflation. Cuff pressure management can contribute to reduce tracheal ischemia and subsequent complications. Availability of the device and precision of the measurement are fundamental to the success of treatments.

/ Cuff Controller

Automatic Cuff Pressure Gauge

Features

The Cuff Controller is an electronic device that has been developed for the continuous control and monitoring of cuff pressure.

It has proven showing effectiveness in maintaining the cuff pressure in the recommended range in ICU patients.



Front Side

- Large LCD display
- Intuitive cuff pressure adjustment
- Adjustable range: 0 – 60 cmH₂O
- Integrated alarms for over-pressure or leakage



Back Side

Universal clamp for fixation to 25 mm standard rail

Additional information

- References see page 28

Order information

Cuff Controller / With battery, universal clamp and Connecting Tube (200 cm)

REF	Box
55-13-500	1

Connecting Tube for Cuff Pressure Gauge / For single use, material: PVC

Length	REF	Box
200 cm	54-05-113	10



Cuff Manometer

Analogue Cuff Pressure Gauges



Universal



Monitor



Pocket

Features



Hook for fixation

On the back side of the device



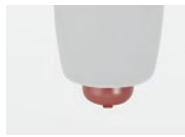
Luer Connection for inflation

On the right side of the device



Release Valve for pressure adjustment

On the left side of the device to activate with the thumb



Vacuum Valve for deflation

On the bottom side of the inflation bulb

Order information

Cuff Manometer / Analogue Cuff Pressure Gauge with Connecting Tube (100 cm)

	Universal	Monitor	Pocket	Box
	REF 54-07-000	REF 54-05-000	REF 54-04-000	1
Pressure range	0 - 120 cmH ₂ O	0 - 120 cmH ₂ O	0 - 120 cmH ₂ O	
Scale	∅ 68 mm	∅ 68 mm	∅ 50 mm	

Additional information

- References see page 28

Accessories

Connecting Tube for Cuff Pressure Gauge /
For single use, material: PVC

Length	REF	Box
100 cm	54-05-112	10
200 cm	54-05-113	10





Sensitive

Pediatric

Features

**Hook for fixation**

On the top side of the device

**Luer Connection for inflation**

On the top side of the device

**Release Valve for pressure adjustment**

On the back side of the device to activate with the index finger

**Vacuum Valve for deflation**

On the bottom side of the inflation bulb



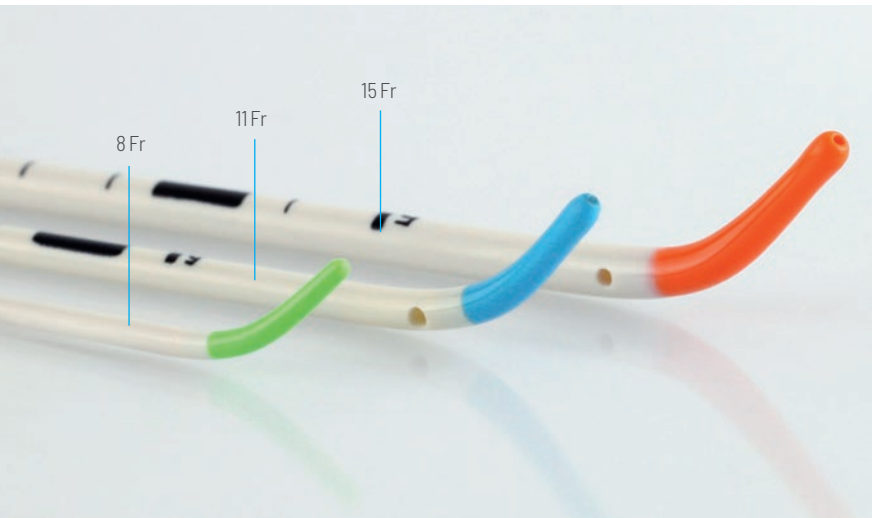
Order information

Cuff Manometer / Analogue Cuff Pressure Gauge with Connecting Tube (100 cm)

	Sensitive	Pediatric	Box
	REF 54-03-001	REF 54-02-001	1
Pressure range	0 – 120 cmH ₂ O	0 – 60 cmH ₂ O	
Scale	∅ 50 mm	∅ 50 mm	

S-Guide

Malleable Intubating Guide



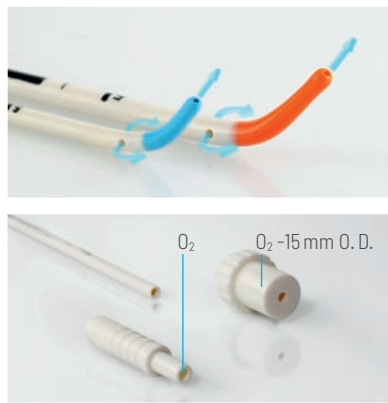
The S-Guide is an intubation aid for difficult airway management and facilitates orotracheal intubation, especially in patients where visualisation of the glottis is inadequate.

Due to its **malleability**, it is suitable for direct and indirect laryngoscopy, in particular for video laryngoscopes with non channelled blades.

Supplied with two types of O₂ Connectors, **oxygenation*** is possible throughout the whole intubating process, not impairing oxygenation even when the S-Guide is bent. For patient safety the S-Guide is provided with a coloured, pre-formed and atraumatic **soft tip**.

*Oxygenation is possible with the sizes 11Fr and 15Fr. Oxygenation is not possible with the size 8Fr.

Features



Malleability

Oxygenation*

Soft tip



Order information

S-Guide / For single use, sterile
 Centimetre marking from 5 to 40 cm with the sizes 11Fr and 15Fr,
 two types of O₂ Connectors included
 Centimetre marking from 5 to 30 cm with the size 8Fr

Size	Length	For Tracheal Tube	REF	Box
8Fr	40 cm	≥ 3.0 mm I.D.	33-92-400-1	5
11Fr	65 cm	≥ 4.5 mm I.D.	33-91-650-1	5
15Fr	65 cm	≥ 6.0 mm I.D.	33-90-650-1	5

Additional information



Application Video



Brochure



Recommendation of use

References see page 28

/ i-Bougie

The versatile Introducer

The i-Bougie is an effective device to facilitate orotracheal intubation, especially in patients where visualization of the glottis is inadequate.

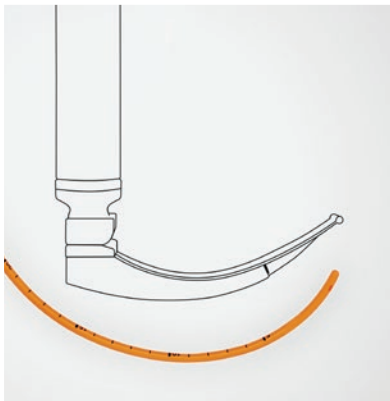
Made of HDPE* material (non-PVC) with specific mechanical properties, the i-Bougie is shapeable according to the laryngoscope blade and the low friction surface facilitates easy railroading of the tracheal tube. The design of the distal tip is atraumatic and rounded and provides additional confidence to the user.

The i-Bougie is hollow and supplied with two types of O₂ Connectors allowing oxygen flow through the lateral openings at the distal tip.

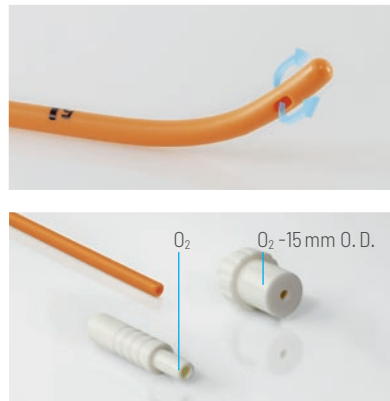
* HDPE = High Density Polyethylene



Features



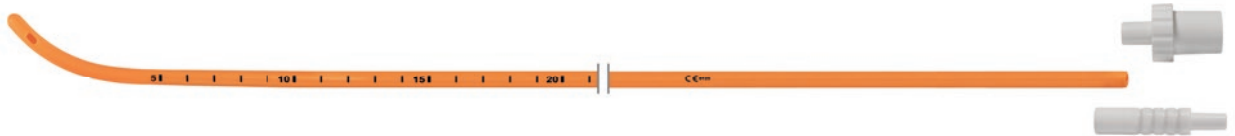
Shapeability



Oxygenation



Rounded tip



Order information

i-Bougie / For single use, sterile
Centimetre marking from 5 to 40 cm, two types of O₂ Connectors included

Size	Length	For Tracheal Tube	REF	Box
14 Fr	70 cm	≥ 6.0 mm I.D.	33-70-700-1	5

Additional information



Application Video



Brochure



Flyer

/ Pocket Introducer

Order information

Pocket Introducer / For single use, sterile

Size	Length	For Tracheal Tube	REF	Box
15 Fr	65 cm	≥ 6.0 mm I.D.	33-80-650-1	5

Pocket Introducer / For single use, sterile
In robust plastic cartridge

Size	Length	For Tracheal Tube	REF	Box
15 Fr	65 cm	≥ 6.0 mm I.D.	33-81-650-1	1

Ideal space solution for emergency bags and vehicles, helicopters, doctors' gown, crash carts, etc.

- Folded to 20 cm, unfolds to 65 cm with only 3 clicks
- Ready for use within seconds
- Preformed tip
- The smallest packaged Introducer
- Centimetre marking from 10 to 40 cm



Plastic cartridge



Additional information



Application Video

/ Stylet

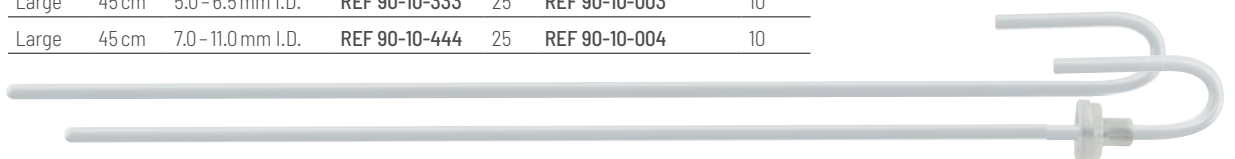
Order information

Stylet / Reusable

Size	Length	For Tracheal Tube	Without silicone connector	Box	With moveable silicone connector (15 mm I.D.)	Box
Small	34 cm	2.5 - 3.5 mm I.D.	REF 90-10-111	25	REF 90-10-001	10
Medium	38 cm	4.0 - 4.5 mm I.D.	REF 90-10-222	25	REF 90-10-002	10
Large	45 cm	5.0 - 6.5 mm I.D.	REF 90-10-333	25	REF 90-10-003	10
Large	45 cm	7.0 - 11.0 mm I.D.	REF 90-10-444	25	REF 90-10-004	10

To preform the Tracheal Tube

- Soft, atraumatic tip
- With and without moveable silicone connector



/ Tube Exchanger

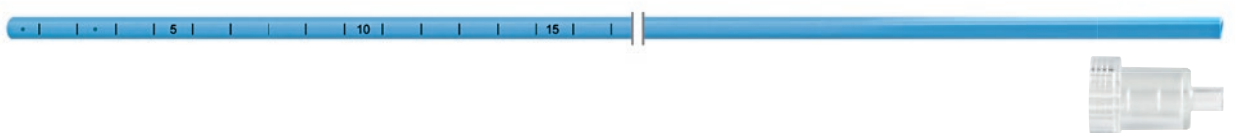
Order information

Tube Exchanger / For single use, sterile

Size	Length	For Tracheal Tube	REF	Box
11 Fr	80 cm	≥ 4.0 mm I.D.	33-45-800-1	5
14 Fr	80 cm	≥ 5.0 mm I.D.	33-46-800-1	5
19 Fr	80 cm	≥ 7.0 mm I.D.	33-47-800-1	5

For extubation and exchange of Tracheal Tubes

- Oxygenation, O₂ Connector included
- Centimetre marking from 5 to 50 cm



Manujet III

The Manujet III is a manually controlled oxygen delivery system used for transtracheal ventilation. It is recommended for emergency rooms, crash carts, ambulances and operating rooms as it offers a quick and efficient oxygenation of a patient.



Order information

Manujet III / In a case with 4 m pressure hose, Jet-Ventilation Catheters acc. to Ravussin (13 G, 14 G, 16 G) and 100 cm Connecting Tube

REF	Box
30-01-003	1

Manujet III / Ditto but with NIST plug and without pressure hose

REF	Box
30-01-003NIST	1

Connecting Tube for Manujet III / Non sterile, Length 100 cm

REF	Box
54-05-111	10



Jet-Ventilation Catheters

Percutaneous Cricothyrotomy

Order information

Jet-Ventilation Catheters acc. to Ravussin / For single use, sterile

Size	Emergency Set With syringe	Box	Anaesthesia Set Without syringe	Box
16 G	REF 30-02-918-1	1	REF 30-02-018-1	5
14 G	REF 30-02-914-1	1	REF 30-02-014-1	5
13 G	REF 30-02-913-1	1	REF 30-02-013-1	5



Quicktrach I + II

Percutaneous Cricothyrotomy

Quicktrach I and Quicktrach II (with cuff) are two percutaneous cricothyrotomy sets according to the catheter-over-needle technique. A quick airway access is made possible via a one-step procedure. The sterile sets are pre-assembled and immediately ready for use.

Order
information

Quicktrach I in blister packaging / For single use, sterile

Patient	Cannula	Quicktrach I	Box
Child	2.0 mm I.D.	REF 30-04-002-1	1
Adult	4.0 mm I.D.	REF 30-04-004-1	1



Blister packaging

Quicktrach I in plastic tube / Ideal for emergency bags (compact and robust), for single use, sterile

Patient	Cannula	Quicktrach I	Box
Child	2.0 mm I.D.	REF 30-04-902-1	1
Adult	4.0 mm I.D.	REF 30-04-904-1	1



Plastic tube

Quicktrach II with cuff in blister packaging / For single use, sterile

Patient	Cannula	Quicktrach II with cuff	Box
Adult	4.0 mm I.D.	REF 30-10-004-1	1



Blister packaging

Quicktrach II with cuff in plastic tube / Ideal for emergency bags (compact and robust), for single use, sterile

Patient	Cannula	Quicktrach II with cuff	Box
Adult	4.0 mm I.D.	REF 30-10-904-1	1



Plastic tube



Additional
information



Application Video
Quicktrach II

ScalpelCric

Surgical Cricothyrotomy – Scalpel technique



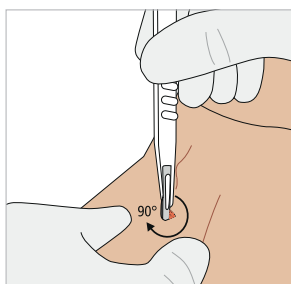
The ScalpelCric from VBM is a surgical set for cricothyrotomy according to the scalpel technique. The set has been developed to match the latest recommendations from the DAS (Difficult Airway Society) 2015 Guidelines.

Based on the simple description of “stab, twist, bougie, tube”, the ScalpelCric is meant to facilitate the execution of the scalpel technique. Each component is designed to enhance the safety and efficacy of the technique.

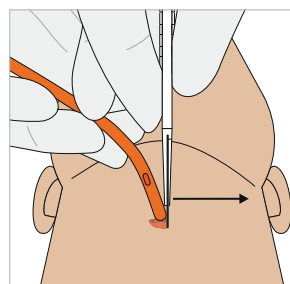
The set is packed in a specific sterile pouch with each component organised in the order of use. This reduces the risk of confusion at the critical time of the procedure.



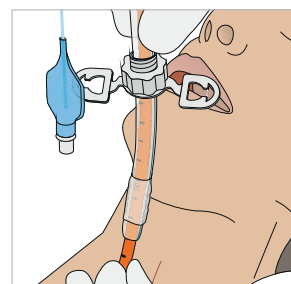
1. Stab



2. Twist



3. Bougie



4. Tube

Order information

ScalpelCric / For single use, sterile

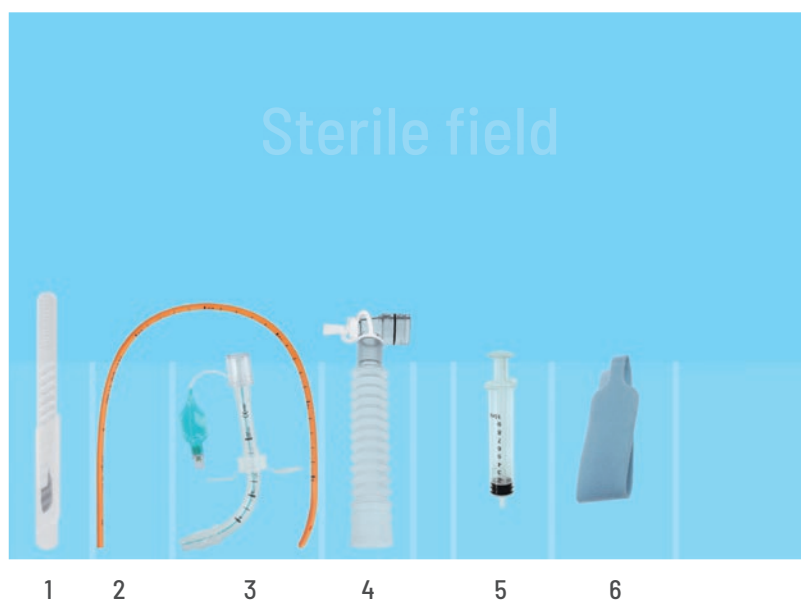
REF	Box
30-08-447-1	1

Content

- 1 Scalpel # 10
- 2 14 Fr bougie (40 cm)
- 3 6.0 mm I.D. cuffed tube
- 4 Extension tubing
- 5 Syringe 10 ml
- 6 Necktape



Pack size: 24 cm (L) x 13 cm (W) x 4 cm (H)
Unfolded size / sterile area: 56 cm (L) x 39 cm (W)



Additional information



Application Video



Brochure



Flyer

/ Surgicric II + III



The Surgicric is a cricothyrotomy set to maintain ventilation in case of obstruction of the upper airway.

Surgicric II is applied to the classical surgical technique.

Surgicric III allows a cricothyrotomy according to the Seldinger technique.

The unique instrument packing system provides the following advantages to the user:

- Clear overview of all components
- Sterile application in any environment
- Small pack size, making it ideal for emergency bags

The main feature of Surgicric is the special combination of tube and dilator. The locking mechanism and the soft tip maximise patient safety and reduce the risk of injury.

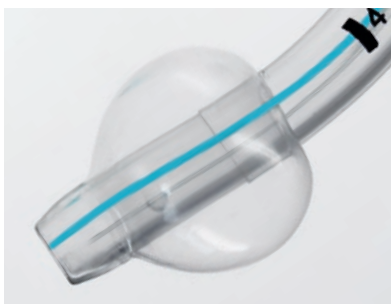
Features



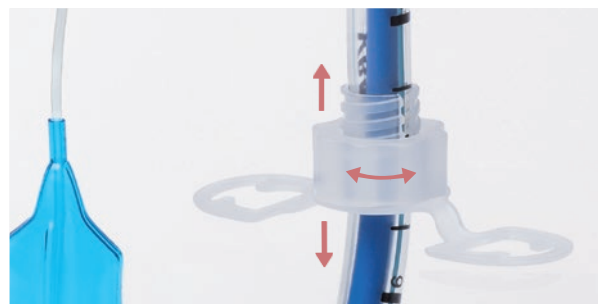
Atraumatic



Locking mechanism



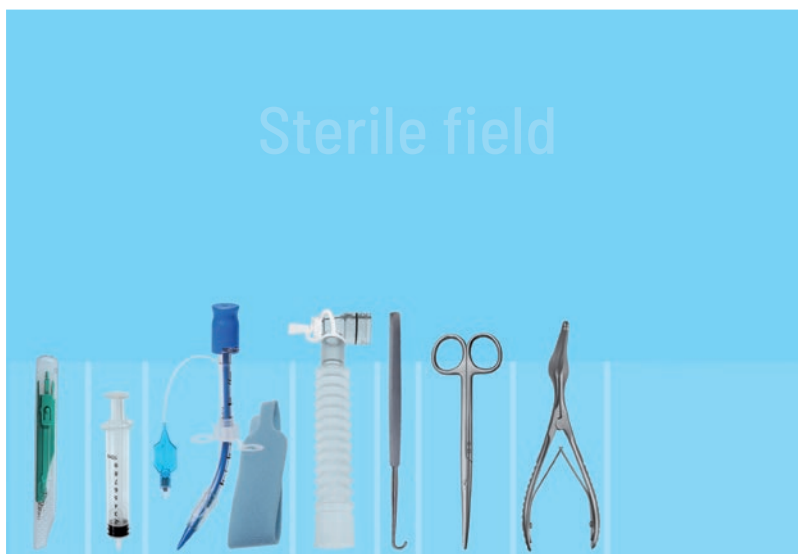
Patient safety



Individually adjustable

Surgicric II

Surgical Cricothyrotomy – Classical surgical technique



1 2 3 4 5 6 7 8

Surgicric II / For single use, sterile

REF	Box
30-08-117-1	1

Content

- 1 Scalpel # 11
- 2 Syringe 10 ml
- 3 6.0 mm I.D. cuffed tracheal tube with dilator
- 4 Necktape
- 5 Extension tubing
- 6 Tracheal hook
- 7 Blunt scissors
- 8 Speculum



Pack size: 24 cm (L) x 13 cm (W) x 4 cm (H)
Unfolded size / sterile area: 56 cm (L) x 39 cm (W)

Order information

Surgicric III

Percutaneous Cricothyrotomy – Seldinger technique



1 2 3 4 5 6 7 8

Surgicric III / For single use, sterile

REF	Box
30-08-227-1	1

Content

- 1 Scalpel # 11
- 2 Syringe 10 ml
- 3 6.0 mm I.D. cuffed tracheal tube with dilator
- 4 Necktape for tube
- 5 Extension tubing
- 6 Necktape for introducer needle
- 7 Introducer needle
- 8 Guidewire



Pack size: 24 cm (L) x 13 cm (W) x 4 cm (H)
Unfolded size / sterile area: 56 cm (L) x 39 cm (W)

Order information

Additional information



Application Video
Surgicric II



Application Video
Surgicric III

Endoscopy Mask

Allows endoscopy and simultaneous ventilation during fiberoptic intubation, bronchoscopy, gastroenterology or transesophageal echocardiography. A specific membrane prevents airway leak at any step of the procedure, providing an excellent seal on the patient's face and during insertion of the endoscope or a tracheal tube. It is especially beneficiary to patient comfort and the working quality of the practitioner during awake procedures.

Order information

Endoscopy Mask / For single use, material: PVC

Size	Membrane	REF	Box
0	2.0 mm I.D.	30-40-000	6
1	2.0 mm I.D.	30-40-111	6
3	3.0 mm I.D.	30-40-333	6
3	5.0 mm I.D.	30-40-335	6
5	5.0 mm I.D.	30-40-555	6
5	10.0 mm I.D.	30-40-777	6



Membrane / For single use, material: Silicone

Hole	REF	Box
2.0 mm I.D.	30-40-121	5
3.0 mm I.D.	30-40-123	5
5.0 mm I.D.	30-40-125	5
10.0 mm I.D.	30-40-127	5



Hook Ring Ø 32 mm / For single use, fits for Endoscopy Masks, material: PA

REF	Box
30-40-266	10



Fixation Tape / For single use, material: Isoprene

Patient	REF	Box
Adult	35-30-255	10



Fixation Tape / Reusable, material: Silicone

Patient	REF	Box
Child	35-70-155	10
Adult	35-70-255	10



Additional information



Application Video
Echocardiography



Application Video
Endoscopy



Application Video
Fiberoptic intubation



Application Video
Sedation during gastrointestinal endoscopy

Bronchoscope Airway

The lumen is large enough to guide the fiberscope and tracheal tube. The length is designed to form a path leading to the glottis. The Airway has a lateral opening for easy removal after intubation. The external biteblock protects the fiberscope.

Order information

Bronchoscope Airway with integrated biteblock / For single use, material: EVA

Size	Length	REF	Box
0	36 mm	30-40-400-1	10
2	65 mm	30-40-420-1	10
4	85 mm	30-40-440-1	10



/ Gastro-Laryngeal Tube G-LT

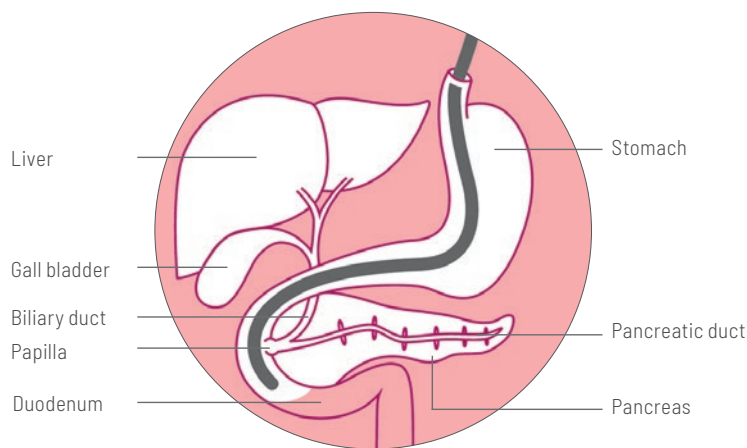
The Gastro-Laryngeal Tube G-LT is designed for obtaining and maintaining control of airway patency during gastrointestinal endoscopic procedures performed on adults under deep sedation or general anaesthesia while maintaining spontaneous or assisted ventilation.

Application

- Diagnostic and therapeutic ERCP (Endoscopic Retrograde Cholangiopancreatography)
- Enteroscopy
- Percutaneous Endoscopic Gastrostomy (PEG), particularly in neurologic patients

Advantages

- Prevention and control of hypoventilation and desaturation
- Faster endoscopic procedures
- Eases oesophageal insertion of duodenoscopes
- The positioning requires no direct laryngoscopy or muscle relaxation required
- Enables capnometry and capnography
- Less use of anesthetic drugs
- Protects the airways from gastro-oesophageal reflux and inhalation of gastric content



Order information

Gastro-Laryngeal Tube G-LT / With syringe
60 ml, reusable, material: Silicone

Patient	Size	REF	Box
Adult	> 155 cm	32-90-004	1

Additional information

- References see page 28

Silicone Resuscitator Set

Reusable



Non-Rebreathing Valve with Pressure Relief 40 cmH₂O

Order information

Set for Infant /

In a rigid, transparent carrying case
Silicone Resuscitator Bag 280 ml
Silicone Face Mask size 1
Reservoir Bag 600 ml
200 cm O₂-Tubing

REF	Box
88-10-390	1

Set for Child /

In a rigid, transparent carrying case
Silicone Resuscitator Bag 450 ml
Silicone Face Mask size 3
Reservoir Bag 2500 ml
200 cm O₂-Tubing

REF	Box
88-10-290	1

Set for Adult /

In a rigid, transparent carrying case
Silicone Resuscitator Bag 1500 ml
Silicone Face Mask size 5
Reservoir Bag 2500 ml
200 cm O₂-Tubing

REF	Box
88-10-190	1



Silicone Resuscitators

Order information

Silicone Resuscitator Bag /

Infant 280 ml

REF 88-10-300

Child 450 ml

REF 88-10-200

Adult 1500 ml

REF 88-10-100



/ PVC Resuscitator Set

For single use



Order
information

Set for Infant /

In a transparent PE-bag
PVC Resuscitator Bag 280 ml
PVC Face Mask size 1
Reservoir Bag 600 ml
200 cm O₂-Tubing

REF	Box
84-10-399	1
84-10-395	6

Set for Child /

In a transparent PE-bag
PVC Resuscitator Bag 450 ml
PVC Face Mask size 3
Reservoir Bag 2500 ml
200 cm O₂-Tubing

REF	Box
84-10-299	1
84-10-295	6

Set for Adult /

In a transparent PE-bag
PVC Resuscitator Bag 1500 ml
PVC Face Mask size 5
Reservoir Bag 2500 ml
200 cm O₂-Tubing

REF	Box
84-10-199	1
84-10-195	6



Silicone Face Masks

Order information

Bi-Mask / With internal plastic shell (PSU), reusable

Size	Patient	Connection	Colour	REF	Box
2	Child	22 mm I.D.	■	35-65-222	1
3	Adult, small	22 mm I.D.	■	35-65-223	1
4	Adult, medium	22 mm I.D.	■	35-65-224	1
5	Adult, large	22 mm I.D.	■	35-65-225	1
6	Adult, extra large	22 mm I.D.	■	35-65-226	1

**Rendell Baker Mask** / Reusable

Size	Patient	Connection	REF	Box
0	Newborn	22 mm I.D.	35-60-000	10
1	Infant	22 mm I.D.	35-60-001	10
2	Small Child	22 mm I.D.	35-60-002	10
3	Child	22 mm I.D.	35-60-003	10

**Paediatric Mask** / Reusable

Size	Patient	Connection	REF	Box
0	Small Infant	15 mm O.D.	88-11-000	10
1	Large Infant	15 mm O.D.	88-11-001	10
2	Small Child	22 mm I.D.	88-11-002	10



Accessories

Fixation Tape / Reusable, material: Silicone

Patient	REF	Box
Child	35-70-155	10
Adult	35-70-255	10

**Fixation Tape** / For single use, material: Isoprene

Patient	REF	Box
Adult	35-30-255	10

**Hook Ring for Bi-Mask** / Reusable, material: PSU

REF	Box
88-60-266	10



PVC Face Mask

Order information

Mask with inflatable cushion / For single use

Size	Patient	Connection	Colour	REF	Box
1	Newborn	15 mm O.D.	-	35-40-201	10
2	Infant	15 mm O.D.	-	35-40-202	10
3	Child	22 mm I.D.	■	35-40-203	10
4	Adult, small	22 mm I.D.	■	35-40-204	10
5	Adult, medium	22 mm I.D.	■	35-40-205	10
6	Adult, large	22 mm I.D.	■	35-40-206	10



Accessories

PEEP-Valve / Reusable, material: PSF

Pressure Range	Connection	Colour	REF	Box
2-10 cmH ₂ O	30 mm I.D. with additional adapter 22 mm O.D.	Blue	88-13-006	1
5-20 cmH ₂ O	30 mm I.D. with additional adapter 22 mm O.D.	Blue	88-13-007	1



30 mm I.D.

22 mm O.D.

PEEP-Valve / For single use, material: PC

Pressure Range	Connection	Colour	REF	Box
2-10 cmH ₂ O	30 mm I.D. with additional adapter 22 mm O.D.	Orange	89-13-006	1
5-20 cmH ₂ O	30 mm I.D. with additional adapter 22 mm O.D.	Orange	89-13-007	1



30 mm I.D.

22 mm O.D.

Oxygen Tubing / For single use, material: PVC

Length	REF	Box
200 cm	89-17-000	1



PEEP-Adapter / 22 mm I.D. / 30 mm O.D., for PEEP-Valve when used with Silicone Resuscitator Bag, reusable, material: PSF

REF	Box
88-13-003	1



Reservoir Bag / For single use, material: PVC

Size	REF	Box
600 ml	89-12-020	5
2500 ml	89-12-010	5



Spare parts for Silicone Resuscitators

Non-Rebreathing Valve / Without Pressure Relief, reusable, material: PSF

REF	Box
88-14-000	1



Non-Rebreathing Valve / With Pressure Relief 40 cmH₂O, reusable, material: PSF

REF	Box
88-15-000	1



Intake Valve / Reusable, material: PSF

REF	Box
88-26-000	1



/ Manual Suction Pump



An effective and powerful manual suction pump for the quick aspiration of fluids from the oral cavity and the pharynx in emergency situations.

- Cost effective alternative to electrical and foot powered devices
- Portable and lightweight
- Fits easily in most bags
- Always ready for use as independent from any energy source
- Easy to squeeze with maximum performance
- Disposable collection canisters for adult and child
- Soft and atraumatic suction tips
- Valve prevents backflow of liquids to the patient
- 15 mm I.D. connection:
 - Allows connection of included suction tips
 - Allows connection of included catheter adapter for funnel shape suction catheters

Order information

Manual Suction Pump / With canister for adult and child, 3x suction tips (large, medium, small) and catheter adapter (for funnel shape suction catheters)

Colour	REF	Box
Blue	30-55-500	1
Olive	30-55-501	1

Accessories

Catheter Adapter / For funnel shape suction catheters, for single use

REF	Box
30-58-060	10

15 mm O.D.



Suction Catheter / For single use

Size	Fr	REF	Box
Small	14 Fr	30-57-305	10
Medium	28 Fr	30-57-609	10
Large	36 Fr	30-57-812	10

Suction Cap / For single use

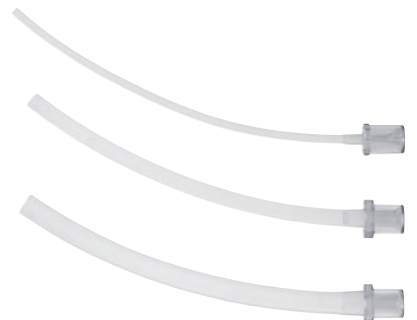
REF	Box
30-56-001	10

15 mm I.D.



Canister with cap / For single use

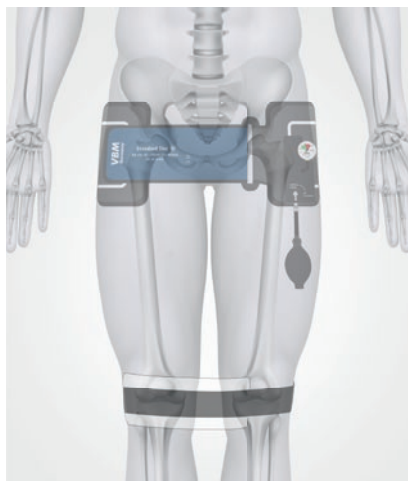
Patient	REF	Box
Child (50 ml)	30-56-050	10
Adult (250 ml)	30-56-250	10



/ Pelvic Sling

Pneumatic system for the stabilisation of pelvic fractures

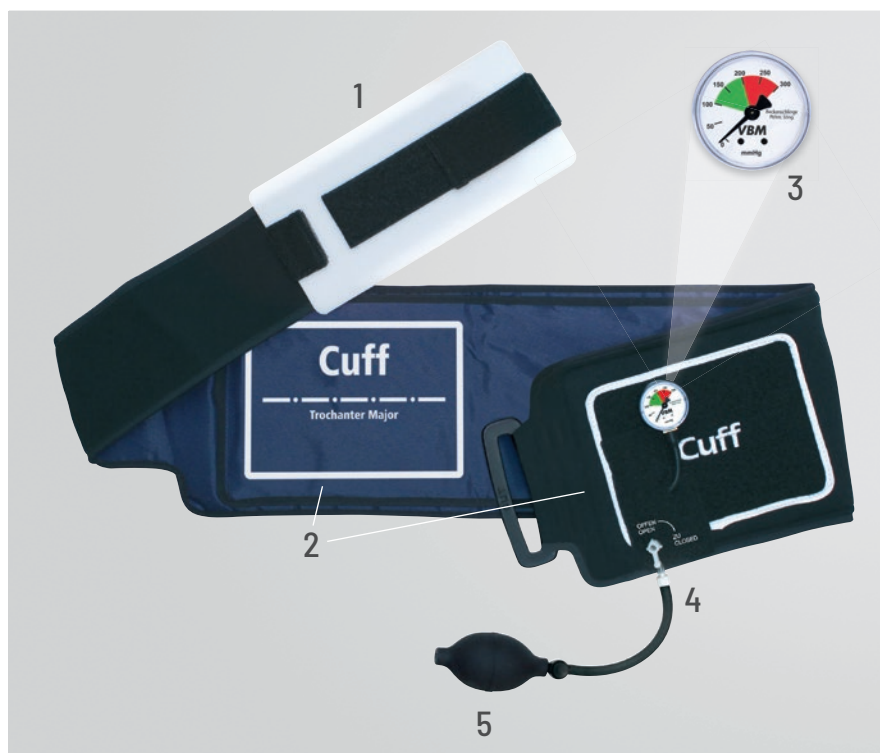
The Pelvic Sling is a non-invasive, external pelvis stabiliser for compression and stabilisation of unstable pelvic fractures. The inflatable cuffs exert a lateral pressure to the pelvis for external stabilisation of the pelvic ring to restore the anatomic conditions. Hemorrhage is reduced by reduction of the intra-pelvic volume.



Pelvic Sling in situ with slide splint used as knee fixation



The Pelvic Sling is packed in a compact size bag, ready to use.
Pack size 42 (L) x 19 (W) x 7 (H) cm



1 Slide Splint / Knee Fixation

- To slide the Pelvic Sling underneath the patients pelvis
- After removal used as knee fixation to maintain the internal rotation of the lower extremities

2 Cuffs

- Lateral compression of the pelvis due to pneumatic cuffs
- Minimal mechanical manipulation on the fractured pelvis

3 Manometer

- Visual control of the applied pressure

4 Stopcock

- For a leak free transport

5 Hand Inflator

- For inflation and deflation of both cuffs
- Removable for MRI use

Order information

Pelvic Sling / With manometer and hand inflator, for single use

Size	Patient	Hip circumference	REF	Box
S	Junior	70 – 90 cm	34-10-006	1
M	Standard	90 – 110 cm	34-10-004	1
L	Large	110 – 140 cm	34-10-005	1

Additional information



Application Video

/ Airway Management Simulators

Simulation is the ideal method for replicating clinical situation and contributes to improve patient care by enhancing proficiency of practitioners. VBM has developed a wide range of skill-trainers and mannequins with the highest possible fidelity to train all airway procedures.

/ Bill III

- Tracheal intubation
- Supraglottic airway insertion
- Mask ventilation
- Fiberoptic bronchoscopy (if bronchial tree is connected)
- Fiberoptic intubation
- Video laryngoscopy
- Inflatable tongue for Difficult Airway simulations



Order information

Bill III / Complete with base, carina with bayonet lock and carrying bag

REF	Box
30-29-000	1

Bronchial tree acc. to Dr. Nakhosteen / For connection to simulator "Bill III"



REF	Box
30-19-400	1

/ Transparent Head

Cross section with upper airways

Order information

Transparent Head / For demonstration and positioning of Laryngeal Tube LTS-D # 3, 4 and iLTS-D # 4/5, in carrying bag

REF	Box
30-16-300	1



/ Crico-Trainer

Order information

Crico-Trainer "Adelaide" / The special concept of skin with 2 layers is simulating the skin and the cricothyroid membrane. It is designed to replicate difficult scenario thanks to the moveable chin. Complete with 5 skins.

REF	Box
30-14-700	1

Crico-Trainer "Frova" / Complete with 10 skins and 10 tracheas

REF	Box
30-14-000	1

Crico-Trainer "Pig" / For fixation of a real animal trachea, complete with 10 skins

REF	Box
30-14-500	1

Crico-Trainer "Pediatric" / Complete with 10 skins

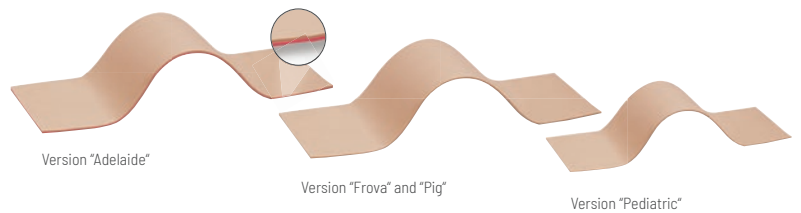
REF	Box
30-14-900	1



Accessories

Skins /

Crico-Trainer	REF	Box
"Adelaide"	30-14-722	5
"Frova" and "Pig"	30-14-222	10
"Pediatric"	30-14-922	10



Larynx / For Crico-Trainer "Frova" and "Adelaide"

REF	Box
30-14-111	1



Trachea / For Crico-Trainer "Frova"

REF	Box
30-14-444	10



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Page 10 | Stylet, Introducer and Tube Exchanger

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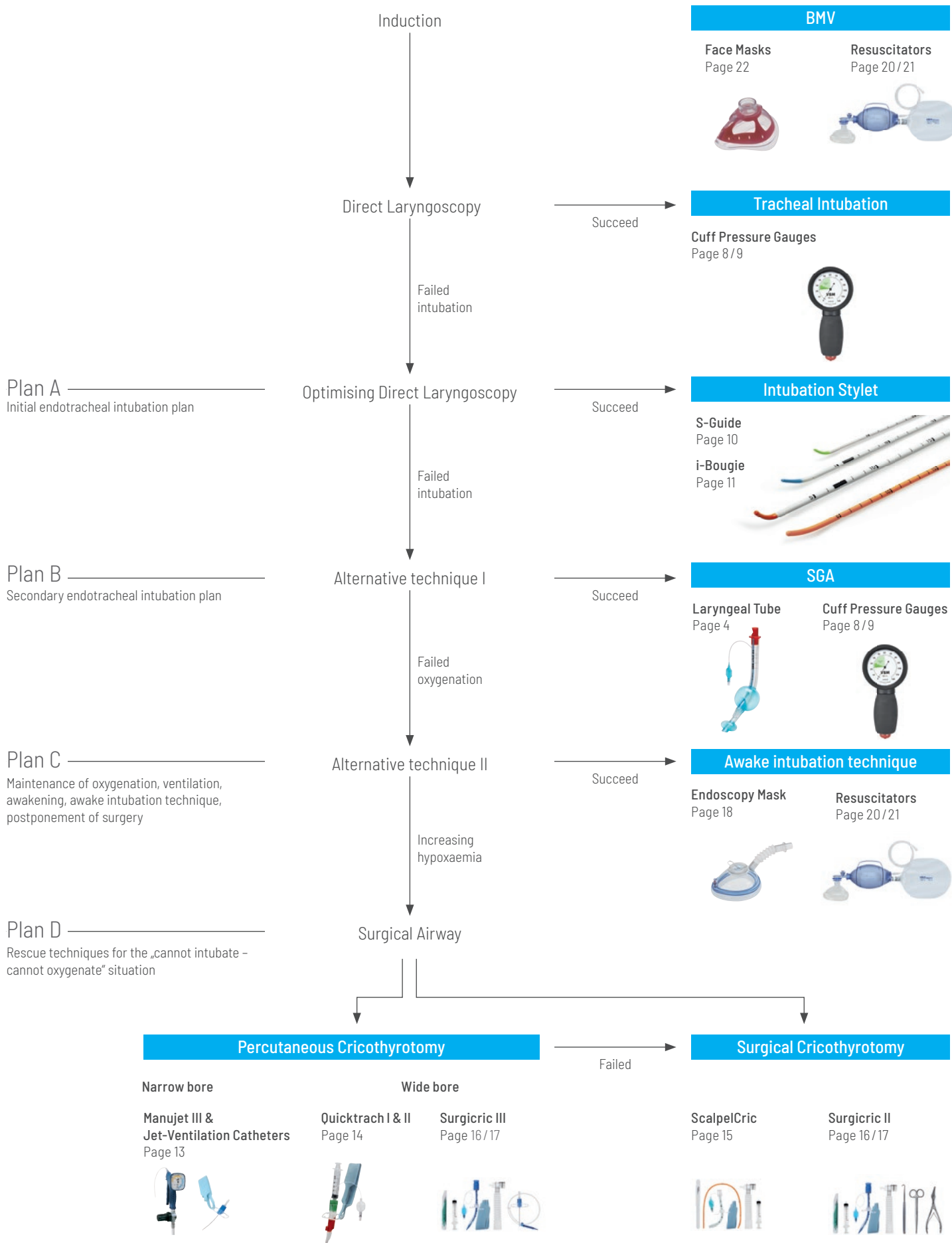
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/ VBM Difficult Airway Algorithm



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/ VBM – Specialists in Airway Management



VBM Medizintechnik GmbH is a family owned business operating worldwide. We develop and produce innovative products in the area of Airway Management, Accessories for Anesthesia & Intensive care as well as Tourniquet Systems for surgical procedures in the bloodless field.

Our company was founded 1981 by Volker Bertram and our headquarters are located in Sulz am Neckar, Germany. Around 190 employees are working in our departments like Research and Development, Production, Quality Management, Distribution, Service and Marketing.

Our excellent service can be measured in our longtime and personal cooperation with our customers. The close contact to our suppliers and users of our products is the basis of our claim to the continual improvement of our products and the development of new solutions for your tasks. We are aware of the responsibility towards patients and users alike and we focus on the high quality of our products in our everyday work.



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