

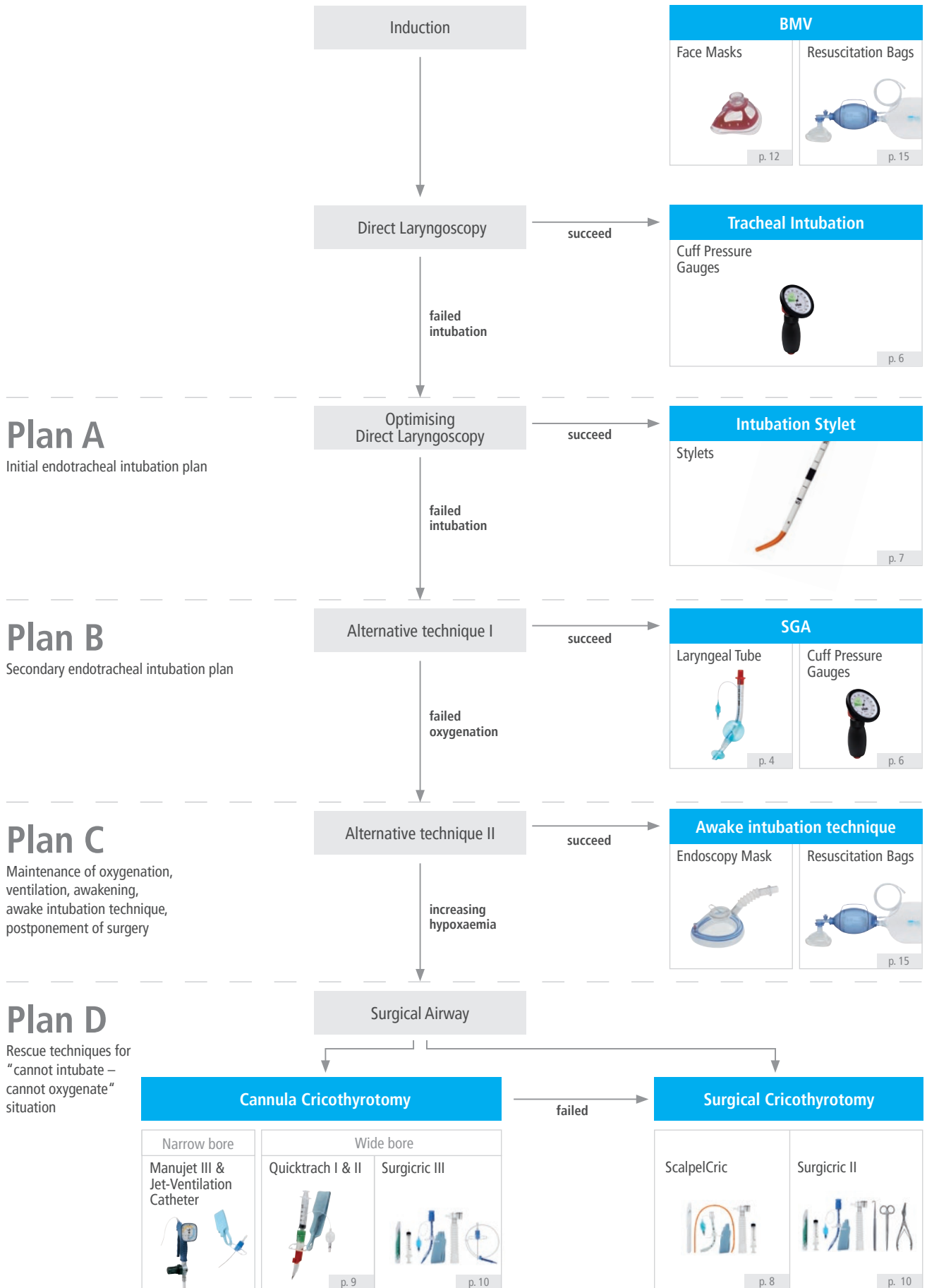
**VBM**



Product Catalogue

# Emergency Medicine

# VBM Difficult Airway Algorithm



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Laryngeal Tube

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Cuff Pressure Gauges

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Stylets and Introducers

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Cricothyrotomy Devices

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Masks, OPA and Resuscitation Bags

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Additional Products for Emergency

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Airway Management Simulators

### Disclaimer:

This catalog includes information of the complete VBM product range for Emergency Medicine. Whether a medical device is available in the respective market must be inquired.

Find our full range of products on [www.vbm-medical.com](http://www.vbm-medical.com).

### Pictograms



Reusable



For single use



DEHP free



Latex free

# Laryngeal Tube

## Laryngeal Tube LTS-D –

The 2nd generation supraglottic airway device

Laryngeal Tube



The LTS-D complies with a built-in drain tube (up to 18Fr) preventing the risk of aspiration.

The Laryngeal Tube also stands out for its unique high volume, low pressure cuffs. The extremely thin wall is atraumatic to the pharyngeal mucosa and seals the hypopharynx reliably at low cuff pressures (< 60cmH<sub>2</sub>O). Soft material and rounded edges additionally enhance patient comfort and safety.

The LTS-D is designed to be easy to use with minimal training. The colour coded system has proven invaluable in emergencies as the syringe indicates the recommended maximum inflation volume. The Laryngeal Tube allows correct ventilation - even in situations with limited space.

### Order information



### Laryngeal Tube LTS-D

for single use, sterile

| Size | Patient | Weight / Height | Colour      | Single Set<br>with colour coded<br>syringe | Set of 10       | Emergency Set<br>with colour coded syringe   |
|------|---------|-----------------|-------------|--|-----------------|--|
| 0    | Newborn | < 5 kg          | transparent | REF 32-06-100-1                            | REF 32-06-000-1 | Child<br>(# 0, 1, 2, 2.5)<br>REF 32-06-309-1 |
| 1    | Infant  | 5–12 kg         | white       | REF 32-06-101-1                            | REF 32-06-001-1 |  |
| 2    | Child   | 12–25 kg        | green       | REF 32-06-102-1                            | REF 32-06-002-1 |  |
| 2.5  | Child   | 125–150 cm      | orange      | REF 32-06-125-1                            | REF 32-06-025-1 | Adult<br>(# 3, 4, 5)<br>REF 32-06-209-1      |
| 3    | Adult   | < 155 cm        | yellow      | REF 32-06-103-1                            | REF 32-06-003-1 |  |
| 4    | Adult   | 155–180 cm      | red         | REF 32-06-104-1                            | REF 32-06-004-1 |  |
| 5    | Adult   | > 180 cm        | purple      | REF 32-06-105-1                            | REF 32-06-005-1 |  |



# Laryngeal Tube intubating Laryngeal Tube iLTS-D – VBM's 3rd generation supraglottic airway device



Laryngeal Tube

Up to 20% of all emergency intubations are estimated to be difficult to manage.<sup>1)</sup> Having the right system available is the cornerstone of effective airway management in an emergency. Airway algorithms recommend the usage of supraglottic airway devices (SAD) as options to overcome difficult scenario.

In order to prevent aspiration, the NAP4 report prescribes the use of devices with gastric access.

SAD with intubating capability provide a way to reach a definitive airway (ET Tube placement).

As VBM's 3rd generation SAD the iLTS-D compiles all essential features required to achieve and protect an airway:

**Ventilation** – wide airway section to optimise gas flow and low pressure cuffs to maximise sealing performance (< 60 cmH<sub>2</sub>O)

**Drain Tube** – allows the insertion of a gastric tube or suction catheter

**Intubation** – special design of ventilation lumen to enable fiberoptic insertion of an ET Tube

## Order information



### intubating Laryngeal Tube iLTS-D for single use, sterile

| Size  | Patient    | Single Set<br>1x iLTS-D<br>1x Syringe | Set of 10<br>10x iLTS-D | Intubation Set<br>1x iLTS-D<br>1x ET Tube with Stabilizer<br>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<br>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  |



<sup>1)</sup> Walls, Ron MD et al. "Manual of Emergency Airway Management" (2012): 4<sup>th</sup> edition, chapter 2, p. 9.

# Laryngeal Tube

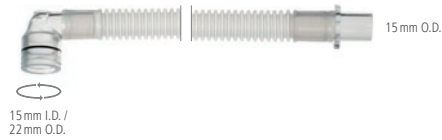
## Accessories



### Catheter Mount Tubings

for single use

| Length: 15 cm, sterile | Box | Length: 30 cm, non-sterile | Box |
|------------------------|-----|----------------------------|-----|
| <b>REF 60-60-150-1</b> | 25  | <b>REF 60-60-300</b>       | 10  |



### Syringe for Laryngeal Tube

for single use, colour coded

| Size   | REF              | for Laryngeal Tube | Box |
|--------|------------------|--------------------|-----|
| 20 ml  | <b>54-04-111</b> | # 0, 1             | 10  |
| 60 ml  | <b>54-04-444</b> | # 0-3              | 10  |
| 100 ml | <b>54-04-555</b> | # 0-5              | 10  |



### Biteblock for LTS-D

with elastic necktape, for single use, sterile



| Size | REF                | fits Laryngeal Tube | Box |
|------|--------------------|---------------------|-----|
| 5    | <b>40-66-050-1</b> | #2, 2.5             | 20  |
| 6    | <b>40-66-060-1</b> | #3, 4, 5            | 20  |

## Cuff Pressure Gauges

# Cuff Manometer – Analog Cuff Pressure Gauge



### Universal

Ø 68 mm scale with hook

Scala with two green ranges  
 - for tracheal tubes (22–32 cmH<sub>2</sub>O)  
 - for Laryngeal Tubes and Laryngeal Masks (32–60 cmH<sub>2</sub>O)

**REF 54-07-000**



### Connecting Tube

for single use, Material: PVC

| Length | REF              | Box |
|--------|------------------|-----|
| 100 cm | <b>54-05-112</b> | 10  |
| 200 cm | <b>54-05-113</b> | 10  |



# Stylets and Introducers

## S-Guide



### Malleable intubating stylet for video laryngoscopy

- for single use, sterile
- lumen-design, O<sub>2</sub> Connector included
- centimeter marking
- unique design:

- 1 soft tip
- 2 malleable segment (up to length 42 cm)
- 3 flexible segment (from length 42 cm)

| Size  | Length | for ET Tube | REF         | Box |
|-------|--------|-------------|-------------|-----|
| 15 Fr | 65 cm  | ≥ 6.0 mm    | 33-90-650-1 | 5   |



Stylets and Introducers

## Introducer



### To facilitate orotracheal intubation

- for single use, sterile
- lumen-design, O<sub>2</sub> Connector included - rigid preformed tip
- centimeter marking

| Size  | Length | for ET Tube | REF         | Box |
|-------|--------|-------------|-------------|-----|
| 15 Fr | 65 cm  | ≥ 6.0 mm    | 33-70-650-1 | 5   |



## Pocket Introducer



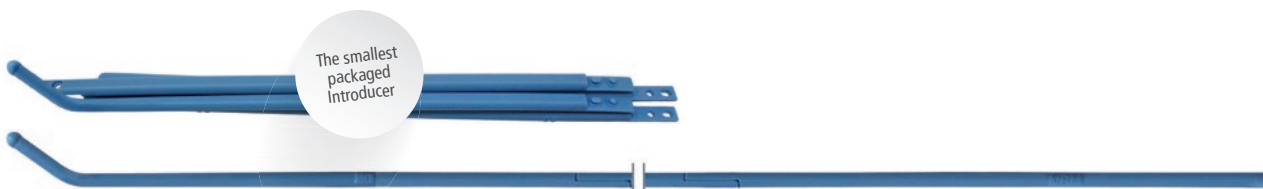
### Ideal space solution for emergency bags and vehicles, helicopters, lab coat pockets, crash carts, etc.

- for single use, sterile
- folded to 20 cm, unfolds to 65 cm
- ready for use within seconds
- preformed tip
- centimeter marking

| Size  | Length | for ET Tube | REF         | Box |
|-------|--------|-------------|-------------|-----|
| 15 Fr | 65 cm  | ≥ 6.0 mm    | 33-80-650-1 | 5   |

in robust plastic cartridge

| Size  | Length | for ET Tube | REF         | Box |
|-------|--------|-------------|-------------|-----|
| 15 Fr | 65 cm  | ≥ 6.0 mm    | 33-81-650-1 | 1   |



# Cricothyrotomy Devices

## ScalpelCric

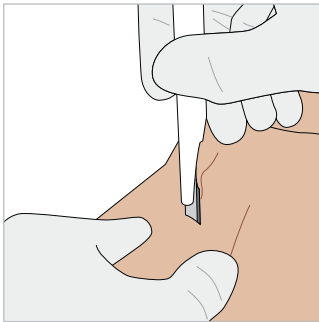
The ScalpelCric from VBM is a surgical set for cricothyrotomy according to the scalpel technique. The set has been developed to match the latest recommendations from the DAS (Difficult Airway Society) 2015 Guidelines. Based on the simple description of 'stab, twist, bougie, tube', the ScalpelCric is 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.

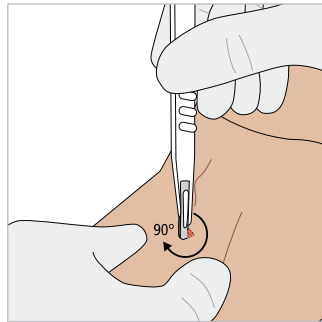
Scalpel # 10, 14Fr bougie (40 cm) with angled and rounded tip, 6.0 mm cuffed tube with smooth tip, extension tubing with suction capability, syringe for cuff inflation and necktape for tube fixation.



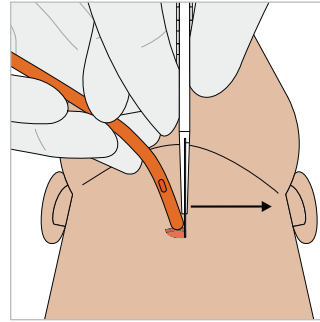
### Use



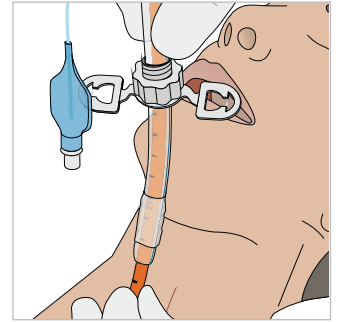
1. stab



2. twist

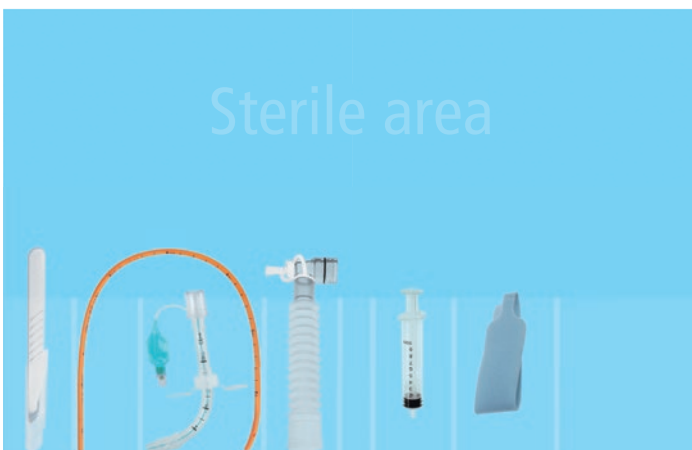


3. bougie



4. tube

### Order information



### ScalpelCric

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

**ScalpelCric**  
for single use, sterile

REF 30-08-447-1 Box 1



**ScalpelCric training set**  
non sterile

REF 30-08-447 Box 1



# Cricothyrotomy Devices

## Quicktrach I, II

Quicktrach I and II are two sets of percutaneous cricothyrotomy according to the technique of catheter over the needle. A quick airway access is made possible via a one-step procedure. An incision by scalpel isn't necessary. The sterile sets are pre-assembled and immediately ready for use.

### Order information



#### Quicktrach I in blister packaging

for single use, sterile

| Patient | I.D.   | Quicktrach I    | Box |
|---------|--------|-----------------|-----|
| Infant  | 1.5 mm | REF 30-04-015-1 | 1   |
| Child   | 2.0 mm | REF 30-04-002-1 | 1   |
| Adult   | 4.0 mm | REF 30-04-004-1 | 1   |



#### Quicktrach I in plastic tube

for single use, sterile

ideal for emergency bags (compact and robust)

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



#### Quicktrach II in blister packaging

for single use, sterile

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



#### Quicktrach II in plastic tube

for single use, sterile

ideal for emergency bags (compact and robust)

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



# Cricothyrotomy Devices

## Surgicric II, III



Cricothyrotomy  
Devices

Surgical airway is the ultima ratio for the unsuccessful arm of the emergency pathway. Identification of the cannot intubate – cannot ventilate scenario should result in immediate consideration of surgical airway access. Delays in achieving airway control and oxygenation will lead to hypoxic brain injury.

The incidence level of cricothyrotomy is estimated at approximately 1% of all emergency airway cases.

In order to master a cricothyrotomy in an emergency successfully, training on simulators seems to be indispensable.

VBM provides specific devices for every scenario of the surgical airway, like:

- ▶ Surgical airway with Surgicric II
- ▶ Narrow bore cannula with Jet-Ventilation Catheters and Manujet III
- ▶ Wide bore cannula with Quicktrach I, II and Surgicric III

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.



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

# Cricothyrotomy Devices

Order information

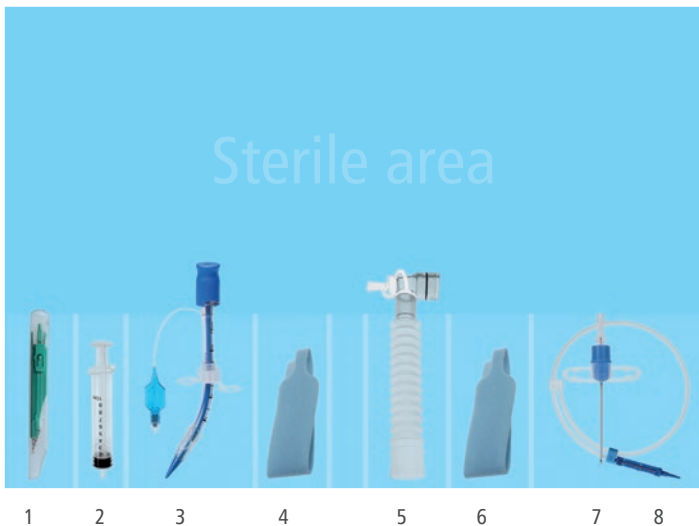


## Surgicric II – Classic surgical technique

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

**Surgicric II**  
for single use, sterile

REF 30-08-117-1 Box 1



## Surgicric III – Seldinger technique

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

**Surgicric III**  
for single use, sterile

REF 30-08-227-1 Box 1

# Face Masks

## Silicone Face Masks

reusable

Order information



### Bi-Mask with silicone lip

Silicone mask with internal plastic shell (PSU)

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



### Mask with plastic dome and inflatable cushion

| Size | Patient            | Connection | Colour code | REF       | Box |
|------|--------------------|------------|-------------|-----------|-----|
| 2    | Child              | 22 mm I.D. | green       | 35-70-222 | 1   |
| 3    | Adult, small       | 22 mm I.D. | yellow      | 35-70-223 | 1   |
| 4    | Adult, medium      | 22 mm I.D. | red         | 35-70-224 | 1   |
| 5    | Adult, large       | 22 mm I.D. | purple      | 35-70-225 | 1   |
| 6    | Adult, extra large | 22 mm I.D. | blue        | 35-70-226 | 1   |



### Pediatric Mask, round

| Size | Patient | Connection | REF       | Box |
|------|---------|------------|-----------|-----|
| 0    | Newborn | 15 mm O.D. | 80-11-000 | 10  |
| 1    | Infant  | 15 mm O.D. | 80-11-001 | 10  |
| 2    | Child   | 22 mm I.D. | 80-11-002 | 10  |



# Face Masks

## PVC Face Masks

for single use

### Order information



#### Mask with inflatable cushion


| Size | Patient       | Connection | Colour code | 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. | yellow      | 35-40-203 | 10  |
| 4    | Adult, small  | 22 mm I.D. | red         | 35-40-204 | 10  |
| 5    | Adult, medium | 22 mm I.D. | purple      | 35-40-205 | 10  |
| 6    | Adult, large  | 22 mm I.D. | blue        | 35-40-206 | 10  |



### Accessories




#### for Silicone and PVC Face Masks

**Hook ring, Ø 33 mm**   
fits masks with plastic dome,  
reusable, Material: Metal




REF 80-11-266    Box 10

**Hook ring, Ø 30–33 mm**   
fits Bi-Masks,  
reusable, Material: PSU



REF 35-60-266    Box 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  |



Masks, OPA and Resuscitation Bags

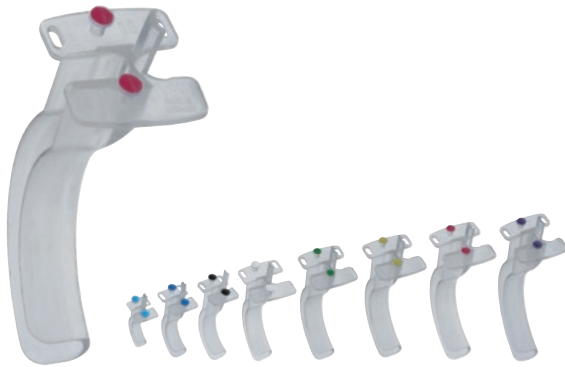
# Oropharyngeal Airways

## Oropharyngeal Airways

### Guedel Airway

#### Benefits and Features

- ▶ Atraumatic device made of soft material with efficient bite block
- ▶ ET Tube guidance and fixation thanks to the open flange and lateral clamp
- ▶ Tube-guiding channel with same lumen from proximal to distal end to allow largest possible suction catheters
- ▶ Open side with smooth inner surface facilitates suctioning



#### Order information



except REF 40-26-009-1

#### Guedel Airway

for single use, sterile, Material: EVA



reusable, Material: PUR



| Size | Colour code | Length  | max. ET Tube | for single use, sterile, Material: EVA |                                     |     | reusable, Material: PUR |     |
|------|-------------|---------|--------------|--|-------------------------------------|-----|-------------------------|-----|
|      |             |         |              | Guedel Airway                          | Guedel Airway with elastic necktape | Box | Guedel Airway           | Box |
| 000  | light blue  | 3.5 cm  | 3.0 mm I.D.  | REF 40-20-007-1                        | -                                   | 30  | REF 40-40-007           | 10  |
| 00   | dark blue   | 5.0 cm  | 4.0 mm I.D.  | REF 40-20-008-1                        | -                                   | 30  | REF 40-40-008           | 10  |
| 0    | black       | 6.0 cm  | 4.5 mm I.D.  | REF 40-20-009-1                        | REF 40-26-009-1                     | 30  | REF 40-40-009           | 10  |
| 1    | white       | 7.0 cm  | 6.0 mm I.D.  | REF 40-20-010-1                        | REF 40-26-010-1                     | 30  | REF 40-40-010           | 10  |
| 2    | green       | 8.5 cm  | 7.0 mm I.D.  | REF 40-20-020-1                        | REF 40-26-020-1                     | 30  | REF 40-40-020           | 10  |
| 3    | yellow      | 9.0 cm  | 8.0 mm I.D.  | REF 40-20-030-1                        | REF 40-26-030-1                     | 30  | REF 40-40-030           | 10  |
| 4    | red         | 10.0 cm | 9.0 mm I.D.  | REF 40-20-040-1                        | REF 40-26-040-1                     | 30  | REF 40-40-040           | 10  |
| 5    | purple      | 11.0 cm | 9.5 mm I.D.  | REF 40-20-050-1                        | REF 40-26-050-1                     | 30  | REF 40-40-050           | 10  |

# Resuscitation Bags

## Silicone Resuscitation Bags

### Order information



reusable, with barcode and serial number,  
intake valve with built-in reservoir valve



| Resuscitation Bag                     | Infant 250 ml        | Child 500 ml         | Adult 2000 ml        |
|---------------------------------------|----------------------|----------------------|----------------------|
| 40 cmH <sub>2</sub> O pressure relief | <b>REF 80-10-300</b> | <b>REF 80-10-200</b> | <b>REF 82-10-100</b> |
| 20 cmH <sub>2</sub> O pressure relief | <b>REF 80-10-306</b> | -                    | -                    |
| without pressure relief               | <b>REF 80-10-301</b> | <b>REF 80-10-201</b> | <b>REF 82-10-101</b> |

### Accessories



#### Reservoir Bag

for single use



| Size    | REF              | Box |
|---------|------------------|-----|
| 600 ml  | <b>80-12-020</b> | 5   |
| 1800 ml | <b>80-12-015</b> | 5   |
| 2600 ml | <b>80-12-010</b> | 5   |

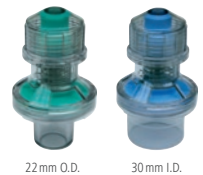


#### PEEP-Valve

reusable, Material: PSU



| Pressure Range          | Connection | Colour | REF              | Box |
|-------------------------|------------|--------|------------------|-----|
| 0–10 cmH <sub>2</sub> O | 22 mm O.D. | green  | <b>80-13-001</b> | 1   |
| 0–10 cmH <sub>2</sub> O | 30 mm I.D. | green  | <b>80-13-004</b> | 1   |
| 0–20 cmH <sub>2</sub> O | 22 mm O.D. | blue   | <b>80-13-005</b> | 1   |
| 0–20 cmH <sub>2</sub> O | 30 mm I.D. | blue   | <b>80-13-002</b> | 1   |



22 mm O.D. 30 mm I.D.

#### PEEP-Adapter

22 mm I.D. – 30 mm O.D.  
reusable, Material: PSU



|                      |       |
|----------------------|-------|
| <b>REF 80-13-003</b> | Box 1 |
|----------------------|-------|



#### O<sub>2</sub>-Tubing

for single use, Material: PVC



| Length | REF              | Box |
|--------|------------------|-----|
| 200 cm | <b>85-17-000</b> | 10  |



#### Transparent Carrying Case



| fits Resuscitation Bag | REF              | Box |
|------------------------|------------------|-----|
| Infant, Child          | <b>80-10-080</b> | 1   |
| Adult                  | <b>80-10-090</b> | 1   |



# Resuscitation Bags

## PVC Resuscitation Bags

### Order information



for single use

**PVC Resuscitator Set** consisting of:

- PVC-Resuscitation Bag (40 cmH<sub>2</sub>O pressure relief)
- Face Mask
- Reservoir Bag
- O<sub>2</sub>-Tubing 200 cm
- PEEP-Adapter (30 mm O.D.)



#### Infant

consisting of Resuscitation Bag 280 ml and face mask # 1

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



#### Child

consisting of Resuscitation Bag 450 ml and face mask # 3

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



#### Adult

consisting of Resuscitation Bag 1500 ml and face mask # 5

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

### Accessories



#### PEEP-Valve

for single use, Material: PC

| Pressure Range            | Connection | Colour | REF       | Box |
|---------------------------|------------|--------|-----------|-----|
| 0 – 10 cmH <sub>2</sub> O | 22 mm O.D. | green  | 85-13-001 | 1   |
| 0 – 10 cmH <sub>2</sub> O | 30 mm I.D. | green  | 85-13-004 | 1   |
| 0 – 20 cmH <sub>2</sub> O | 22 mm O.D. | blue   | 85-13-005 | 1   |
| 0 – 20 cmH <sub>2</sub> O | 30 mm I.D. | blue   | 85-13-002 | 1   |



22 mm O.D.

30 mm I.D.



# Additional Products for Emergency Manual Suction Pump

An effective and powerful manual suction pump for the quick suction of fluids from the oro- and nasopharyngeal cavities 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 children
- ▶ soft and atraumatic suction tips
- ▶ valve prevents backflow of liquids to the patient
- ▶ does not contain any ferromagnetic materials
- ▶ 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 Set

with canister for adult and child, 3x suction tips (large, medium, small) and catheter adapter (for funnel shape suction catheters)



| Colour | REF       |
|--------|-----------|
| blue   | 30-55-500 |
| olive  | 30-55-501 |

## Accessories



### Suction Catheter

for single use



| Size   | Fr | REF       | Box |
|--------|----|-----------|-----|
| small  | 14 | 30-57-305 | 10  |
| medium | 28 | 30-57-609 | 10  |
| large  | 36 | 30-57-812 | 10  |



### Canister with Cap

for single use



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



### Catheter Adapter

for funnel shape suction catheters, for single use



REF 30-58-060 Box 10



### Suction Cap

for single use



REF 30-56-001 Box 10



### Carry Bag

fits pump, canisters and suction catheters



REF 30-64-000



Additional Products for Emergency

# Additional Products for Emergency Pelvic Sling

The pneumatic Pelvic Sling provides early stabilisation of pelvic fractures at the accident scene to allow patient transport and to reduce life-threatening bleeding.

## Order information



**Pelvic Sling**  
with manometer and hand inflator,  
for single use

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



# Additional Products for Emergency Pressure Infusion Cuffs

Manual system for rapid I.V. infusion of solutions. Ideal for ambulances, operating rooms and intensive care stations.

## Order information



### Infusor



Transparent wrap-around design with hook, reusable

|        | Version   | REF       | Box |
|--------|---|-----------|-----|
| 500 ml | with hand inflator, stop cock and colour coded pressure indicator | 57-02-050 | 1   |
|        | with hand inflator, stop cock and precision manometer             | 57-08-050 | 1   |

|         | Version   | REF       | Box |
|---------|---|-----------|-----|
| 1000 ml | with hand inflator, stop cock and colour coded pressure indicator | 57-02-100 | 1   |
|         | with hand inflator, stop cock and precision manometer             | 57-08-100 | 1   |



### Pressure Infusion Cuff



Pocket design with double hook, reusable

|        | Version   | REF       | Box |
|--------|---|-----------|-----|
| 500 ml | with hand inflator, stop cock and colour coded pressure indicator | 58-02-050 | 1   |
|        | with hand inflator, stop cock and precision manometer             | 58-08-050 | 1   |

|         | Version   | REF       | Box |
|---------|---|-----------|-----|
| 1000 ml | with hand inflator, stop cock and colour coded pressure indicator | 58-02-100 | 1   |
|         | with hand inflator, stop cock and precision manometer             | 58-08-100 | 1   |



### Dispo Infusor



Pocket design with hanger, for single use

|        | Version   | REF       | Box |
|--------|---|-----------|-----|
| 500 ml | with Luer Lock connection only                                    | 56-01-050 | 5   |
|        | with hand inflator, stop cock and colour coded pressure indicator | 56-02-050 | 5   |
|        | with hand inflator and stop cock                                  | 56-03-050 | 5   |

|         | Version   | REF       | Box |
|---------|---|-----------|-----|
| 1000 ml | with Luer Lock connection only                                    | 56-01-100 | 5   |
|         | with hand inflator, stop cock and colour coded pressure indicator | 56-02-100 | 5   |
|         | with hand inflator and stop cock                                  | 56-03-100 | 5   |



# 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

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

complete with base, carina with bayonet lock and carrying bag

REF 30-29-000



**Bronchial tree acc. to Dr. Nakhosteen**  
for connection to simulator "BILL"

REF 30-19-400



## Transparent Head

**Cross section with upper airways**

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

REF 30-16-300

# Airway Management Simulators

## Crico-Trainer



### Crico-Trainer "Adelaide"

for cricothyrotomy.

The special concept of skin with 2 layers is simulating the subcutaneous tissue and the cricothyroid membrane. It is designed to replicate difficult scenario thanks to the moveable chin. Complete with 5 skins

REF 30-14-700



### Crico-Trainer "Frova"

for cricothyrotomy and percutaneous tracheostomy, complete with 10 skins and 10 tracheas

REF 30-14-000



### Crico-Trainer "Pig"

for fixation of a real animal trachea, complete with 10 skins

REF 30-14-500



### Crico-Trainer "Pediatric"

complete with 10 skins

REF 30-14-900

## Accessories



### Skin

for Crico-Trainer "Frova" and "Pig"

REF 30-14-222 Box 10



### Skin

for Crico-Trainer "Adelaide"

REF 30-14-722 Box 5



### Skin

for Crico-Trainer "Pediatric"

REF 30-14-922 Box 10

### Larynx

for Crico-Trainer "Frova" and "Adelaide"

REF 30-14-111 Box 1



### Trachea

for Crico-Trainer "Frova"

REF 30-14-444 Box 10



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# VBM – Specialists in Airway Management



VBM offers high quality devices in the field of airway management, accessories for anaesthesia and intensive care, and tourniquet systems for surgical operations in a bloodless field.

VBM's long term success is based on continuous innovation, outstanding quality, close collaboration with customers, suppliers and medical experts and, last but not least, 30 years of experience.

VBM has around 200 employees and markets products either through subsidiaries in the USA, France and the Czech Republic or through partners in over 100 countries.



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