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The Laryngeal Tube is a supraglottic airway device for the use in general anesthesia during spontaneous or positive pressure ventilation. In emergency it is an ideal adjunct to secure the airway during difficult airway management as an alternative technique to mask ventilation and tracheal intubation.

Securing the airway is one of the major aspects for a successful resuscitation. In the current guidelines of the European Resuscitation Council (ERC) the Laryngeal Tube has been included as an additional device for airway management in cardiopulmonary resuscitation.
### Laryngeal Tube LT

**Material:** Silicone  
**Clean packed**

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Weight/Height</th>
<th>Color code</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Newborn</td>
<td>&lt; 5 kg</td>
<td>transparent</td>
<td>32-01-000</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Baby</td>
<td>5-12 kg</td>
<td>white</td>
<td>32-01-001</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Child</td>
<td>12-25 kg</td>
<td>green</td>
<td>32-01-002</td>
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</tr>
<tr>
<td>2.5</td>
<td>Child</td>
<td>125-150 cm</td>
<td>orange</td>
<td>32-01-025</td>
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<tr>
<td>3</td>
<td>Adult</td>
<td>&lt; 155 cm</td>
<td>yellow</td>
<td>32-01-003</td>
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</tr>
<tr>
<td>4</td>
<td>Adult</td>
<td>155-180 cm</td>
<td>red</td>
<td>32-01-004</td>
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</tr>
<tr>
<td>5</td>
<td>Adult</td>
<td>&gt; 180 cm</td>
<td>purple</td>
<td>32-01-005</td>
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### Laryngeal Tube LT-D

**Box of 10**, one color coded syringe and one biteblock  
**Material:** PVC  
**Sterile packed**

<table>
<thead>
<tr>
<th>Size</th>
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<th>Weight/Height</th>
<th>Color code</th>
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<th>Box</th>
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<td>Child</td>
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<td>Child</td>
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<tr>
<td>3</td>
<td>Adult</td>
<td>&lt; 155 cm</td>
<td>yellow</td>
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<tr>
<td>4</td>
<td>Adult</td>
<td>155-180 cm</td>
<td>red</td>
<td>32-02-004-1</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Adult</td>
<td>&gt; 180 cm</td>
<td>purple</td>
<td>32-02-005-1</td>
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</table>

*Emergency Box, LT-D #3, #4, #5, one color coded syringe and one biteblock*

### Laryngeal Tube LTS II

**Material:** Silicone  
**Clean packed**

<table>
<thead>
<tr>
<th>Size</th>
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<th>Weight/Height</th>
<th>Color code</th>
<th>REF</th>
<th>Box</th>
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<tbody>
<tr>
<td>0</td>
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<td>&lt; 5 kg</td>
<td>transparent</td>
<td>32-05-000</td>
<td>1</td>
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<tr>
<td>1</td>
<td>Baby</td>
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<td>white</td>
<td>32-05-001</td>
<td>1</td>
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<tr>
<td>2</td>
<td>Child</td>
<td>12-25 kg</td>
<td>green</td>
<td>32-05-002</td>
<td>1</td>
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<tr>
<td>2.5</td>
<td>Child</td>
<td>125-150 cm</td>
<td>orange</td>
<td>32-05-025</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Adult</td>
<td>&lt; 155 cm</td>
<td>yellow</td>
<td>32-05-003</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Adult</td>
<td>155-180 cm</td>
<td>red</td>
<td>32-05-004</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Adult</td>
<td>&gt; 180 cm</td>
<td>purple</td>
<td>32-05-005</td>
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</table>

### Laryngeal Tube LTS-D

**Box of 10**, one color coded syringe and one biteblock  
**Material:** PVC  
**Sterile packed**

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Weight/Height</th>
<th>Color code</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Adult</td>
<td>&lt; 155 cm</td>
<td>yellow</td>
<td>32-06-003-1</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Adult</td>
<td>155-180 cm</td>
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<tr>
<td>5</td>
<td>Adult</td>
<td>&gt; 180 cm</td>
<td>purple</td>
<td>32-06-005-1</td>
<td>1</td>
</tr>
</tbody>
</table>

*Emergency Box, LTS-D #3, #4, #5, one color coded syringe and one biteblock*
Cricothyrotomy

Cricothyrotomy-Set Quicktrach
Cricothyrotomy is an emergency procedure to avoid death from suffocation in case of upper airway obstruction if intubation or tracheotomy are impossible. VBM offers two Quicktrach-Sets with the following advantages:

Quicktrach I

- Fast and safe airway in case of upper airway obstruction
- Sterile sets are pre-assembled and immediately ready for use
- Specially grinded needle tip makes prior incision via scalpel unnecessary and reduces the risk of bleeding
- Stopper prevents needle from being inserted too deep to reduce the risk of posterior tracheal wall perforation
- Necktape allows a fast and safe fixation
- Quickest airway access via one-step procedure

complete set, sterile packed

<table>
<thead>
<tr>
<th>Patient</th>
<th>I.D.</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infant</td>
<td>1.5 mm</td>
<td>30-04-015-1</td>
<td>1</td>
</tr>
<tr>
<td>Child</td>
<td>2.0 mm</td>
<td>30-04-002-1</td>
<td>1</td>
</tr>
<tr>
<td>Adult</td>
<td>4.0 mm</td>
<td>30-04-004-1</td>
<td>1</td>
</tr>
</tbody>
</table>

Quicktrach II with Cuff

- Thin cuff seals the trachea and allows efficient ventilation with aspiration protection
- Stopper and safety clip reduce the risk of posterior tracheal wall perforation
- Anatomically shaped cannula adjusts to the trachea due to „memory effect”

complete set, sterile packed

<table>
<thead>
<tr>
<th>Patient</th>
<th>I.D.</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult</td>
<td>4.0 mm</td>
<td>30-10-004-1</td>
<td>1</td>
</tr>
</tbody>
</table>
**Jet Ventilation**

**Manujet III**
The Manujet III with Jet Ventilation Catheters is a necessity for emergency rooms, crash carts, ambulances and operating rooms as it guarantees a quick and efficient oxygenation of a patient.

With 4 m pressure hose, Jet Ventilation Catheters acc. to Ravussin (13G, 14G, 16G), 100 cm connecting tube, Endojet Adapter (for ET Tube) and Bronchoscope Adapter REF 30-01-003

The Manujet III is supplied in a complete kit with injector and catheters. The simple mechanical system is lightweight, portable and immediately ready for use.

---

**Connecting Tube**
100 cm long with Luer Lock
REF 54-05-111 Box 100

**Bronchoscope Adapter**
for connection to the rigid bronchoscope, 15 mm I.D. swivelling, with Luer Lock
REF 60-70-005 Box 10

**Endojet Adapter**
for connection to the Endotracheal Tube, 15 mm I.D. swivelling, 22 mm O.D. with expiration holes, 50 cm adjustable catheter with Luer Lock, sterile packed
REF 30-03-111-1 Box 5

---

**Jet Ventilation Catheter acc. to Ravussin**
Allows a safe and atraumatic transtracheal access for oxygenation/ventilation with a manual jet (Manujet III) or an automatic High Frequency Jet Ventilator.

**Anesthesia Set**
sterile packed, 5 pcs. per box

<table>
<thead>
<tr>
<th>Patient</th>
<th>Size</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infant</td>
<td>16G</td>
<td>30-02-018-1</td>
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</tr>
<tr>
<td>Child</td>
<td>14G</td>
<td>30-02-014-1</td>
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<tr>
<td>Adult</td>
<td>13G</td>
<td>30-02-013-1</td>
<td>1</td>
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</tbody>
</table>

**Emergency Set**
sterile packed, 1 piece per box and syringe

<table>
<thead>
<tr>
<th>Patient</th>
<th>Size</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infant</td>
<td>16G</td>
<td>30-02-918-1</td>
<td>1</td>
</tr>
<tr>
<td>Child</td>
<td>14G</td>
<td>30-02-914-1</td>
<td>1</td>
</tr>
<tr>
<td>Adult</td>
<td>13G</td>
<td>30-02-913-1</td>
<td>1</td>
</tr>
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</table>
Muallem ET Tube Introducer (METTI)
for difficult intubation and tube exchange
for single use, sterile
inner rod made of plastic, semi-rigid (flexible)

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 CH</td>
<td>80 cm</td>
<td>33-12-800-1</td>
<td>5</td>
</tr>
<tr>
<td>14 CH</td>
<td>80 cm</td>
<td>33-14-800-1</td>
<td>5</td>
</tr>
</tbody>
</table>

Muallem ET Tube Stylet (METTS)
for difficult intubation
for single use, sterile
inner rod made of metal, malleable (maintains curvature)

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 CH</td>
<td>40 cm</td>
<td>33-08-400-1</td>
<td>5</td>
</tr>
<tr>
<td>12 CH</td>
<td>65 cm</td>
<td>33-12-650-1</td>
<td>5</td>
</tr>
<tr>
<td>14 CH</td>
<td>65 cm</td>
<td>33-14-650-1</td>
<td>5</td>
</tr>
</tbody>
</table>

Muallem Pipe Stylet
metal tube to pre-form and guide METTI
Length: 36 cm, 5 mm I.D.

REF 33-30-014 VE 1

Tube Exchanger
with 15 mm and Luer Lock Connector for oxygenation
for single use, sterile

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 CH</td>
<td>80 cm</td>
<td>33-45-800-1</td>
<td>5</td>
</tr>
<tr>
<td>14 CH</td>
<td>80 cm</td>
<td>33-46-800-1</td>
<td>5</td>
</tr>
<tr>
<td>19 CH</td>
<td>80 cm</td>
<td>33-47-800-1</td>
<td>5</td>
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</tbody>
</table>

Stylet
autoclavable up to 134°C

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>ET Tube</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>small</td>
<td>34 cm</td>
<td>2.5 - 3.5 mm</td>
<td>90-10-111</td>
<td>25</td>
</tr>
<tr>
<td>medium</td>
<td>38 cm</td>
<td>4.0 - 4.5 mm</td>
<td>90-10-222</td>
<td>25</td>
</tr>
<tr>
<td>large</td>
<td>45 cm</td>
<td>5.0 - 6.0 mm</td>
<td>90-10-333</td>
<td>25</td>
</tr>
<tr>
<td>large</td>
<td>45 cm</td>
<td>&gt; 6.5 mm</td>
<td>90-10-444</td>
<td>25</td>
</tr>
</tbody>
</table>

with adjustable 15 mm I.D. Silicone connector

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>ET Tube</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>small</td>
<td>34 cm</td>
<td>2.5 - 3.5 mm</td>
<td>90-10-001</td>
<td>10</td>
</tr>
<tr>
<td>medium</td>
<td>38 cm</td>
<td>4.0 - 4.5 mm</td>
<td>90-10-002</td>
<td>10</td>
</tr>
<tr>
<td>large</td>
<td>45 cm</td>
<td>5.0 - 6.0 mm</td>
<td>90-10-003</td>
<td>10</td>
</tr>
<tr>
<td>large</td>
<td>45 cm</td>
<td>&gt; 6.5 mm</td>
<td>90-10-004</td>
<td>10</td>
</tr>
</tbody>
</table>
Endoscopy Mask

Allow simultaneous ventilation and endoscopy of the patient to increase patient comfort and the working quality of the doctor.
for single use

Application:

- **Fiberoptic Intubation**
  The ET Tube can be railroaded orally or nasally along the bronchoscope through the flexible membrane. After intubation the membrane is pushed inside which allows easy removal of the mask.

- **Bronchoscopy**
  The membrane guarantees an ideal seal and therefore an efficient ventilation before, during and after bronchoscopy without time pressure.

- **Gastroenterology**

- **Trans Esophageal Echocardiography**

<table>
<thead>
<tr>
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<th>Membrane</th>
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<td>30-40-000</td>
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</tr>
<tr>
<td>1</td>
<td>Infant</td>
<td>2.0 mm</td>
<td>30-40-111</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Child</td>
<td>3.0 mm</td>
<td>30-40-333</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Child</td>
<td>5.0 mm</td>
<td>30-40-335</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>Adult</td>
<td>5.0 mm</td>
<td>30-40-555</td>
<td>6</td>
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<tr>
<td>5</td>
<td>Adult</td>
<td>10.0 mm</td>
<td>30-40-777</td>
<td>6</td>
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</table>

Fixation Tape

for Endoscopy Mask

<table>
<thead>
<tr>
<th>Harness</th>
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</thead>
<tbody>
<tr>
<td>Material: silicone, latex free, reusable, autoclavable</td>
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<table>
<thead>
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<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td>35-70-155</td>
<td>10</td>
</tr>
<tr>
<td>Adult</td>
<td>35-70-255</td>
<td>10</td>
</tr>
</tbody>
</table>

Fixation Tape

for Mask

| Material: foam |

<table>
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<tr>
<th>For Mask</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td># 1</td>
<td>35-40-622</td>
<td>10</td>
</tr>
<tr>
<td># 3+5</td>
<td>35-40-633</td>
<td>10</td>
</tr>
</tbody>
</table>

Hook Ring

made of metal

REF 80-11-266
Box 10

Bronchoscope Airway

with external biteblock,
for single use, sterile

- protects expensive equipment from damage
- guides bronchoscope and ET Tube

<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>36 mm</td>
<td>30-40-400-1</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>65 mm</td>
<td>30-40-420-1</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>85 mm</td>
<td>30-40-440-1</td>
<td>10</td>
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</tbody>
</table>
Airway Management Simulator “BILL“
The simulator offers the possibility to train Endotracheal Intubation, Bronchoscopy, Fibreoptic Intubation, Cricothyrotomy, Jet Ventilation, Mask Ventilation and the use of Laryngeal Tube, Combitube or the Laryngeal Mask.

“BILL I“
in an aluminium case complete with base, exchangeable skin and thyroid cartilage, carina with balloons (bayonet lock)
REF 30-19-000

“BILL II“
ditto, but with bronchial tree acc. to Dr. Nakhosteen (bayonet lock)
REF 30-18-000

Bronchial Tree
REF 30-19-400

Skin
REF 30-19-222

Thyroid Cartilage
REF 30-19-111

Stomach
REF 30-19-300

Transparent Head
with upper airways, cross section

Adult
for demonstration and positioning of Laryngeal Tube # 3, 4 and Quicktrach II
REF 30-16-000

Newborn
for demonstration and positioning of Laryngeal Tube # 0
REF 30-16-100

Cricothyrotomy Trainer
offers the possibility to train cricothyrotomy and transtracheal puncture.
Complete with exchangeable skin and thyroid cartilage
REF 30-15-000

Skin
REF 30-15-222

Thyroid Cartilage
REF 30-19-111

Crico-Train
offers the possibility to train cricothyrotomy and percutaneous tracheostomy.
Complete with 10 exchangeable skins and 10 tracheas
REF 30-14-000

Skin
REF 30-14-222

Larynx
REF 30-14-111

Trachea
REF 30-14-444
Face Mask made of Silicone
reusable, autoclavable up to 134°C
with plastic dome and inflatable cushion

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Color</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Child</td>
<td>green</td>
<td>35-70-222</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Adult small</td>
<td>yellow</td>
<td>35-70-223</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Adult medium</td>
<td>red</td>
<td>35-70-224</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Adult large</td>
<td>purple</td>
<td>35-70-225</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Adult extra large</td>
<td>blue</td>
<td>35-70-226</td>
<td>1</td>
</tr>
</tbody>
</table>

Mask, round

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Neonate</td>
<td>80-11-000</td>
<td>10</td>
</tr>
<tr>
<td>1</td>
<td>Infant</td>
<td>80-11-001</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Child</td>
<td>80-11-002</td>
<td>10</td>
</tr>
</tbody>
</table>

Mask with plastic dome

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Color</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Adult small</td>
<td>yellow</td>
<td>80-11-003</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>Adult medium</td>
<td>red</td>
<td>80-11-004</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>Adult large</td>
<td>purple</td>
<td>80-11-005</td>
<td>10</td>
</tr>
</tbody>
</table>

Bi-Mask
Silicone mask with internal plastic shell (PSU)
latex-free, autoclavable up to 134°C

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Color</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Adult small</td>
<td>yellow</td>
<td>35-65-223</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Adult medium</td>
<td>red</td>
<td>35-65-224</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Adult large</td>
<td>purple</td>
<td>35-65-225</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Adult extra large</td>
<td>blue</td>
<td>35-65-226</td>
<td>1</td>
</tr>
</tbody>
</table>

Hook Ring
Ø 33 mm, made of metal, fits for masks with plastic dome
REF 80-11-266 Box 10

Hook Ring
Ø 30-33 mm, made of polysulfone (PSU), fits for full silicone masks
REF 35-60-266 Box 10

Harness
latex free, autoclavable up to 134°C

<table>
<thead>
<tr>
<th>Patient</th>
<th>Material</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td>Silicone</td>
<td>35-70-155</td>
<td>10</td>
</tr>
<tr>
<td>Adult</td>
<td>Silicone</td>
<td>35-70-255</td>
<td>10</td>
</tr>
</tbody>
</table>

VBM 11
Silicone Resuscitation Bag
reusable, autoclavable up to 134°C

Adult 2000 ml with palm holder
with 40 cmH₂O pressure relief
without pressure relief
REF 82-10-100 1
REF 82-10-101 1

Child 500 ml
with 40 cmH₂O pressure relief
without pressure relief
with manometer
REF 80-10-200 1
REF 80-10-201 1
REF 80-10-251 1

Infant 250 ml
with 40 cmH₂O pressure relief
without pressure relief
with manometer
REF 80-10-300 1
REF 80-10-301 1
REF 80-10-351 1

Intake Valve
complete with additional connector
Material: Aluminium, autoclavable up to 134°C
REF 80-16-900

Reservoir Bag
for single use
Size REF Box
2600 ml 80-12-010 5
1800 ml 80-12-015 5
600 ml 80-12-020 5

Reservoir Valve
autoclavable up to 134°C
REF 80-12-030 Box 1

PEEP Valve
autoclavable up to 134°C

2.5 - 10 cmH₂O, green
REF 80-13-001 1
22 mm O.D.
30 mm I.D.
80-13-004 1

5 - 20 cmH₂O, blue
REF 80-13-002 1
30 mm I.D.
22 mm O.D.
80-13-005 1

Hook
made of silicone, autoclavable up to 134°C,
fits all Resuscitation Bags
REF 80-10-999 Box 1

Extension Tubing with connector
made of silicone, autoclavable up to 134°C,
for extension between resuscitator and patient valve
Length: 40cm
REF 80-22-040 Box 1

2 m O₂-Tubing
made of PVC, for single use
REF 85-17-000 Box 1

Rail Clamp
to hold Resuscitation Bag
REF 79-025-00 Box 1

PEEP Adapter
autoclavable up to 134°C
REF 80-13-003 Box 1

Reservoir Bag
for single use
Size REF Box
2600 ml 80-12-010 5
1800 ml 80-12-015 5
600 ml 80-12-020 5

Reservoir Valve
autoclavable up to 134°C
REF 80-12-030 Box 1

PEEP Valve
autoclavable up to 134°C

2.5 - 10 cmH₂O, green
REF 80-13-001 1
22 mm O.D.
30 mm I.D.
80-13-004 1

5 - 20 cmH₂O, blue
REF 80-13-002 1
30 mm I.D.
22 mm O.D.
80-13-005 1

Hook
made of silicone, autoclavable up to 134°C,
fits all Resuscitation Bags
REF 80-10-999 Box 1

Extension Tubing with connector
made of silicone, autoclavable up to 134°C,
for extension between resuscitator and patient valve
Length: 40cm
REF 80-22-040 Box 1

2 m O₂-Tubing
made of PVC, for single use
REF 85-17-000 Box 1

Rail Clamp
to hold Resuscitation Bag
REF 79-025-00 Box 1

Resuscitation Bag, reusable
Resuscitation Bag Set, reusable

Complete Set
reusable, supplied in a rigid transparent carrying case

Adult
- with 2000 ml Resuscitation Bag with palm holder
- Air Cushion Face Mask # 5
- Reservoir Bag 2600 ml
- Reservoir Valve
- 2 m O₂-Tubing
REF 82-10-190

Child
- with 500 ml Resuscitation Bag
- Air Cushion Face Mask # 3
- Reservoir Bag 1800 ml
- Reservoir Valve
- 2 m O₂-Tubing
REF 82-10-290

Infant
- with 250 ml Resuscitation Bag
- Mask, round # 1
- Reservoir Bag 800 ml
- Reservoir Valve
- 2 m O₂-Tubing
REF 80-10-390

Respiration Case

Adult
- 2000 ml Silicone Resuscitation Bag with palm holder
- Air Cushion Face Mask # 3, 4, 5
- Airway # 3, 4, 5
REF 30-92-100

Child
- 500 ml Silicone Resuscitation Bag
- Mask, round # 1
- Air Cushion Face Mask # 2, 3
- Airway # 0, 1, 2
REF 30-92-200

Infant
- 250 ml Silicone Resuscitation Bag
- Mask, round # 0, 1
- Air Cushion Face Mask # 2
- Airway # 00, 0, 1
REF 30-92-300

Wall Fixation
for Respiration Case
REF 30-91-001

Mouth to Mask Resuscitator
for single use, material: PVC
for emergency during life saving mouth to mouth resuscitation
- no mouth to mouth contact during CPR
- Non-Rebreathing-Valve protects rescuer from contamination
- bacterial/viral filter protects from infections
- compact size
REF 80-61-000 Box 1
Resuscitation Bag, single use

PVC Resuscitation Bag
for single use

<table>
<thead>
<tr>
<th>Size</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult 1800 ml</td>
<td>85-10-100</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>85-10-101</td>
<td>1</td>
</tr>
<tr>
<td>Child 500 ml</td>
<td>85-10-200</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>85-10-201</td>
<td>1</td>
</tr>
<tr>
<td>Infant 250 ml</td>
<td>85-10-300</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>85-10-301</td>
<td>1</td>
</tr>
</tbody>
</table>

Reservoir Bag
for single use

<table>
<thead>
<tr>
<th>Size</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult 1800 ml</td>
<td>80-12-010</td>
<td>5</td>
</tr>
<tr>
<td>Child 500 ml</td>
<td>80-12-015</td>
<td>5</td>
</tr>
<tr>
<td>Infant 250 ml</td>
<td>80-12-020</td>
<td>5</td>
</tr>
</tbody>
</table>

Face Mask
with inflatable cushion, for single use

<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Color</th>
<th>Connection</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Neonate</td>
<td>-</td>
<td>15 mm O.D.</td>
<td>35-40-201</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Infant</td>
<td>-</td>
<td>15 mm O.D.</td>
<td>35-40-202</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>Child</td>
<td>yellow</td>
<td>22 mm I.D.</td>
<td>35-40-203</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>Adult small</td>
<td>red</td>
<td>22 mm I.D.</td>
<td>35-40-204</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>Adult medium</td>
<td>purple</td>
<td>22 mm I.D.</td>
<td>35-40-205</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>Adult large</td>
<td>blue</td>
<td>22 mm I.D.</td>
<td>35-40-206</td>
<td>10</td>
</tr>
</tbody>
</table>

PEEP Valve
for single use

<table>
<thead>
<tr>
<th>Pressure</th>
<th>Color</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5-10 cmH₂O, color: green</td>
<td>85-13-001</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>5-20 cmH₂O, color: blue</td>
<td>85-13-002</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

PEEP Adapter
for single use

<table>
<thead>
<tr>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-13-003</td>
<td>1</td>
</tr>
</tbody>
</table>

Reservoir Valve
for single use

<table>
<thead>
<tr>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-12-030</td>
<td>1</td>
</tr>
</tbody>
</table>

Complete Set
single use, supplied in a rigid transparent carrying case

Adult
- with 1800 ml Resuscitation Bag
- Air Cushion Face Mask # 5
- Reservoir Bag 2600 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 85-10-190

Child
- with 500 ml Resuscitation Bag
- Air Cushion Face Mask # 3
- Reservoir Bag 1800 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 85-10-290

Infant
- with 250 ml Resuscitation Bag
- Air Cushion Face Mask # 2
- Reservoir Bag 600 ml
- Reservoir Valve
- 2 m O₂-Tubing

REF 85-10-390
Rescuefix
oral ET Tube fixation for emergency use

In emergency situations a quick and safe tube fixation is vital. The Rescuefix allows a fixation without the use of adhesives as the integrated clamp fixes the tube safely and quickly. The separable necktape is adjustable in length and therefore ideal for stiff-neck.

<table>
<thead>
<tr>
<th>Patient</th>
<th>Color</th>
<th>ET Tube</th>
<th>REF</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td>yellow</td>
<td>5.0 - 6.5 mm</td>
<td>40-9005-111</td>
<td>10</td>
</tr>
<tr>
<td>Adult</td>
<td>white</td>
<td>7.0 - 10.0 mm</td>
<td>40-9005-333</td>
<td>10</td>
</tr>
</tbody>
</table>

Guedel Airway
oropharyngeal airway with ET Tube fixation possibility

- rail and lateral clamp design allow direct fixation of the ET Tube to the Guedel Airway
- hard biteblock but soft and atraumatic tube
- same lumen from proximal to distal end allows the use of largest possible suction catheters
- one side open with smooth inner surface facilitates suctioning and easy cleaning of the product

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>REF</th>
<th>box</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>light blue</td>
<td>40-20-007-1</td>
<td>30</td>
</tr>
<tr>
<td>00</td>
<td>marine</td>
<td>40-20-008-1</td>
<td>30</td>
</tr>
<tr>
<td>0</td>
<td>black</td>
<td>40-20-009-1</td>
<td>30</td>
</tr>
<tr>
<td>1</td>
<td>white</td>
<td>40-20-010-1</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>green</td>
<td>40-20-020-1</td>
<td>30</td>
</tr>
<tr>
<td>3</td>
<td>yellow</td>
<td>40-20-030-1</td>
<td>30</td>
</tr>
<tr>
<td>4</td>
<td>red</td>
<td>40-20-040-1</td>
<td>30</td>
</tr>
<tr>
<td>5</td>
<td>purple</td>
<td>40-20-050-1</td>
<td>30</td>
</tr>
</tbody>
</table>

Biteblock
oral tube fixation for ET Tube, Laryngeal Tube and Laryngeal Mask

- tube clips into biteblock and is therefore protected from occlusion

<table>
<thead>
<tr>
<th>Size</th>
<th>for</th>
<th>Tube size</th>
<th>REF</th>
<th>box</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>ET Tube</td>
<td>6.5 - 8.0 mm</td>
<td>40-60-040-1</td>
<td>25</td>
</tr>
<tr>
<td>5</td>
<td>ET Tube</td>
<td>8.5 - 11.0 mm</td>
<td>40-60-050-1</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Laryngeal Tube LT</td>
<td>2 + 2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Laryngeal Mask</td>
<td>2 + 2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Laryngeal Tube</td>
<td>3, 4, 5</td>
<td>40-60-060-1</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Laryngeal Mask</td>
<td>3, 4, 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>for</th>
<th>Tube size</th>
<th>REF</th>
<th>box</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>ET Tube</td>
<td>6.5 - 8.0 mm</td>
<td>40-66-040-1</td>
<td>20</td>
</tr>
<tr>
<td>5</td>
<td>ET Tube</td>
<td>8.5 - 11.0 mm</td>
<td>40-66-050-1</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Laryngeal Tube LT</td>
<td>2 + 2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Laryngeal Mask</td>
<td>2 + 2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Laryngeal Tube</td>
<td>3, 4, 5</td>
<td>40-66-060-1</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Laryngeal Mask</td>
<td>3, 4, 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
An effective and powerful manual suction pump for the quick suction of fluids from the oro- and nasopharyngeal cavities in emergency situations.

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

**REF 30-55-500**

- no power required
- portable and lightweight
- easy to squeeze with the maximum performance
- fits easily in most bags
- disposable collection canisters for adults and children
- cost effective alternative to electrical and foot powered devices
- soft and atraumatic suction tips
- valve prevents backflow of liquids to the patient
- 15 mm I.D. Connection

- fits directly on the ET Tube
- allows connection of included suction tips
- allows connection of included catheter adapter for funnel shape suction catheters

**250 ml Canister**
for adults, with cap
**REF 30-56-250** Box 10

**50 ml Canister**
for children, with cap
**REF 30-56-050** Box 10

**Carry Bag**
fits pump, canisters, suction tips
**REF 30-64-000**

**Suction Cap**
with 15 mm I.D. connection
**REF 30-56-001** Box 10

**Suction Tip**
large, CH 36
**REF 30-57-812** Box 10

medium, CH 28
**REF 30-57-609** Box 10

small, CH 14
**REF 30-57-305** Box 10

**Catheter Adapter**
for funnel shape suction catheters
**REF 30-58-060** Box 10
Pressure Infusion Cuff

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

### 500 ml pressure infusion cuff
- Reusable
- Transparent reusable
- For single patient use

### 1000 ml pressure infusion cuff
- Pocket design with zip, reusable
- Wrap around design, reusable
- With hand inflator and manometer (shock resistant precision manometer)

<table>
<thead>
<tr>
<th>Pressure Infusion Cuff</th>
<th>500 ml</th>
<th>1000 ml</th>
<th>1000 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>reusable</td>
<td>pocket design with zip, reusable</td>
<td>wrap around design, reusable</td>
</tr>
<tr>
<td>with hand inflator</td>
<td>51-05-050</td>
<td>52-05-100</td>
<td>53-05-100</td>
</tr>
<tr>
<td>with hand inflator and manometer</td>
<td>51-06-050</td>
<td>52-06-100</td>
<td>53-06-100</td>
</tr>
<tr>
<td>with hand inflator and manometer (shock resistant precision manometer)</td>
<td>51-08-050</td>
<td>52-08-100</td>
<td>53-08-100</td>
</tr>
</tbody>
</table>

### 500 ml pressure infusion cuff
- With hand inflator and pressure indicator
- With hand inflator
- With hand inflator and manometer

<table>
<thead>
<tr>
<th>Pressure Infusion Cuff</th>
<th>500ml</th>
<th>1000ml</th>
<th>500ml</th>
<th>1000ml</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>with hand inflator and pressure indicator</td>
<td>57-02-050</td>
<td>57-02-100</td>
<td>56-02-050</td>
<td>56-02-100</td>
</tr>
<tr>
<td>with hand inflator</td>
<td>—</td>
<td>—</td>
<td>56-03-050</td>
<td>56-03-100</td>
</tr>
<tr>
<td>with hand inflator and manometer</td>
<td>57-08-050</td>
<td>57-08-100</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
Mobile Oxygen Unit „Oxysafety“

**Oxysafety**
- 2 l oxygen cylinder (empty)
- pressure reducer
- accessory bag

REF 30-70-000

**Oxysafety Standard**
- Silicone Resuscitation Bag 2000 ml
- Reservoir Bag 2600 ml with Reservoir Valve
- Masks # 3+5
- 2 l oxygen cylinder (empty)
- pressure reducer
- oxygen connecting hose
- accessory bag

REF 30-70-001

**Accessory Bag**
for Oxysafety

REF 30-75-010

**Emergency Bag Standard**
- Silicone Resuscitation Bag 2000 ml
- Reservoir Bag 2600 ml with Reservoir Valve
- Masks # 1-5
- Airways # 1-5
- manual suction pump
- 2 l oxygen cylinder (empty)
- pressure reducer
- oxygen connecting hose

REF 30-80-001

ditto, but without oxygen cylinder and pressure reducer

REF 30-80-003

**Emergency Bag**
without accessories

REF 30-85-000

**Difficult Airway Bag**
- Laryngeal Tube LT-D # 3, 4, 5
- color coded syringe
- Quicktrach I for adult
- Guedel Airway # 1-5

REF 30-65-001

- Laryngeal Tube LTS-D # 3, 4, 5
- color coded syringe
- Quicktrach I for adult
- Guedel Airway # 1-5

REF 30-65-002

**Difficult Airway Bag**
without accessories

REF 30-65-000
Pelvic Sling
The Pelvic Sling helps to fix and stabilize fractures of the pelvis

The cuff which is integrated in the pelvic sling exerts a lateral pressure of 110 - 150 mmHg to the pelvis. This helps to reduce bleeding and pain significantly.

with manometer and hand inflator

REF 34-10-003

---

Tourniquet “Tourny I“
with stainless steel buckle
REF 20-30-000 Box 20

Tourniquet “Tourny II“
with aluminum buckle
REF 20-32-000 Box 20

Tourniquet “Tourny III“
with plastic buckle
REF 20-30-100 Box 10

Tourniquet for Child
elastic tape with velcro fastening
REF 20-30-005 Box 10

Tourniquet Strap
elastic strap 40 cm
25 pcs perforated on one roll
REF 20-30-400 Box 1 roll