

## BASIC ARTERIAL TOURNIQUET

Dirancang untuk menghentikan pendarahan yang mengancam jiwa. Jika diperlukan, tourniket ini juga dapat dipasang dengan satu tangan. Produk ini dilengkapi perekat Velcro yang cepat dan aman selama pengangkutan.

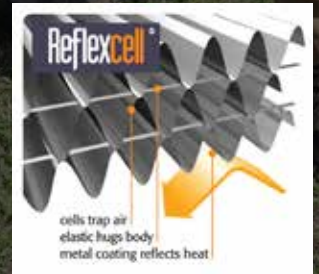
Torniket ini juga cocok digunakan oleh, misalnya, penebang kayu, pemburu, dan orang lain yang bekerja sendiri dan yang pekerjaannya melibatkan kemungkinan pendarahan hebat yang tidak disengaja.

# Blizzard Transport

## Lightweight Thermal Protection for Rapid Evacuation



- Unrivalled thermal quality
- Waterproof and Windproof
- Lightweight and compact
- Made with Reflexcell™ Material: 2 or 3 Layer
- Made in the UK



# Blizzard Transport Information:

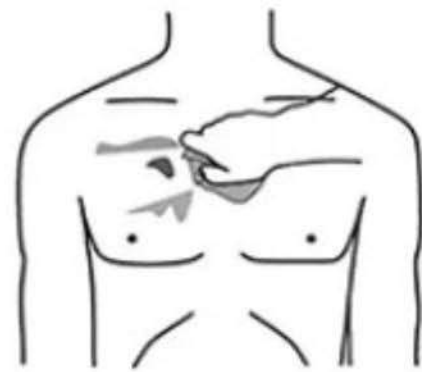
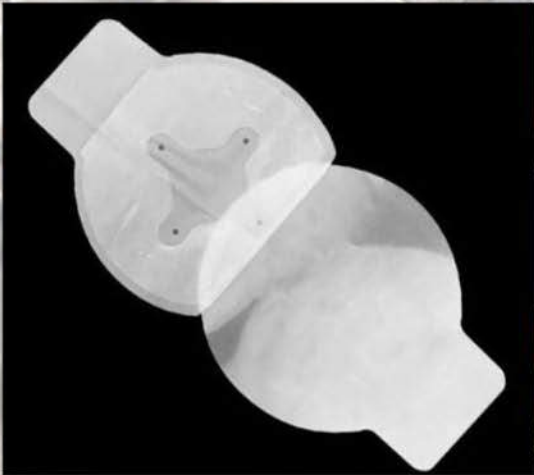
Item	Weight	Pack Size	Open Size	3 Layer/2 Layer Reflexcell™	Tog Value	Access	Item Code: Green	Item Code: Orange
Blizzard Transport 2 Layer	1kg	30x35x3cm	2.33m x 1.56m	2	5	Front	BPS2-41G	BPS2-41O
Blizzard Transport 3 Layer	1.25kg	30x35x5cm	2.33 x 2.0m	3	7	Front	BPS-41G	BPS-41O

- High performance insulating survival blankets attached to a carry litter for rapid removal
- Made with Reflexcell™ 2 or 3 layer material
- CT and X-Ray compatible
- 5 or 7 Tog; Unrivalled thermal quality
- Resealable Hook & Loop closure allowing easy access
- Waterproof and Windproof
- Lightweight and compact
- Flat packed for easy use
- Can be used with oxygenated heat pads to aid warming process for extreme hypothermic casualties (sold separately)
- 8 handles for easy lift
- Maximum lift 500kg



# CHEST SEAL VENTED

Lapisan penutup yang digunakan untuk pertolongan pertama pada luka yang mengakibatkan adanya rongga di dada. Berfungsi untuk mencegah udara bebas masuk ke rongga luka yang memungkinkan kesulitan pernafasan pada pasien dalam keadaan kritis.





# EMERGENCY PRESSURE BANDAGE

Perban taktis elastis serbaguna yang dilengkapi bantalan dan kait pengikat yang sangat efektif untuk menangani pendarahan ringan konvensional di area perut, tungkai, kepala, dan jenis luka lain yang posisinya sulit terjangkau oleh turniket standar.

Kemasan tervakum untuk memudahkan penyimpanan dan memastikan kondisi perban dalam keadaan bersih dan siap pakai.



# HEMOSTATIC APPLICATOR GRANULES

Penghenti pendarahan bereaksi cepat untuk menutup laju pendarahan dari sumber luka, seperti pendarahan akibat luka tembak, luka sayat, dan luka yang mengakibatkan kekurangan darah dengan fatal. Dirancang untuk menghentikan pendarahan dengan isian granul yang mampu memberikan reaksi koagulasi dalam waktu cepat. Celox Applicator terbukti aman dan efektif dalam menangani pendarahan.



# SAM<sup>®</sup> Junctional Tourniquet

## CONNECT. CLICK. CONTROL.

### BUILT TO STABILIZE

SAM<sup>®</sup> Junctional Tourniquet (SJT) is designed to control severe bleeding in inguinal or axilla areas. Where standard tourniquets may not be applicable, SJT can be applied in under 25 seconds, controlling bleeding and immobilizing pelvic fractures.

### FEATURED TECHNOLOGY

#### TARGET COMPRESSION DEVICE

SJT's Target Compression Device (TCD) quickly inflates with a removable hand pump or any luer lock syringe, minimizing blood loss. Two TCDs can be used to occlude blood flow bilaterally.

## ENGINEERED TO PRESERVE LIFE

- 1 **AUTOSTOP BUCKLE**  
Tactile and audible "click" provides clear feedback, confirming proper application and helping to eliminate slack, while maintaining optimal force.
- 2 **PRECISION STRAP**  
Precisely-engineered holes lock with AUTOSTOP Buckle, allowing for quick application. Secure fastening with sturdy hook and loop system.
- 3 **CONTROL PUMP**  
Removable hand pump inflates Target Compression Devices to the precise pressure required to control bleeding.

- 4 **TARGET COMPRESSION DEVICE**  
TCD inflates up to 3.2 inches, controlling bleeding from major inguinal / axillary injuries or traumatic, high-level amputations.
- 5 **TCD EXTENDER**  
Fits over top of the Target Compression Device to provide SJT application for subclavicular anatomy.
- 6 **AUXILIARY STRAP (Not Pictured)**  
Used to secure upper junctional wounds or three-point harness style axillary applications.
- 7 **RADIOLUCENT MATERIAL**  
All materials are radiolucent, except the buckle's two stainless steel springs, allowing for X-rays and CT-scans without removal.



### PACKAGING



DURABLE  
POUCH



# UTILIS BENDABLE RESCUE STRETCHER

## UTRN 200



### Features:

- Made by special compounded plastic material, small size, lightweight, easy to carry, wide application range
- Mainly used for fire rescue, deep and narrow space rescue
- Convenient to carry and easy to bend in deformation
- Can bear temperature between -30°C to 50°C



### Accessories:

- Backpacker
- Pulling strap

Two colors available:  
**ARMY GREEN**  
**EMERGENCY ORANGE**

*Transport bags can be customized*

Product size (L x W)	<b>250 x 84 cm</b>
Self-weight	<b>9kg</b>
Capability	<b>160kg</b>
Package quantity	<b>1 pc</b>
Package size	<b>88 x 36 x 36 cm</b>
G.W.	<b>11kg</b>

**THIS PRODUCT IS NOT SUITABLE FOR AIRCRAFT SLING TRANSPORTATION**

[www.utilis-malaysia.com](http://www.utilis-malaysia.com)

Unit B1-2-1, Solaris Dutamas, No 1, Jalan Dutamas, 50480 KL

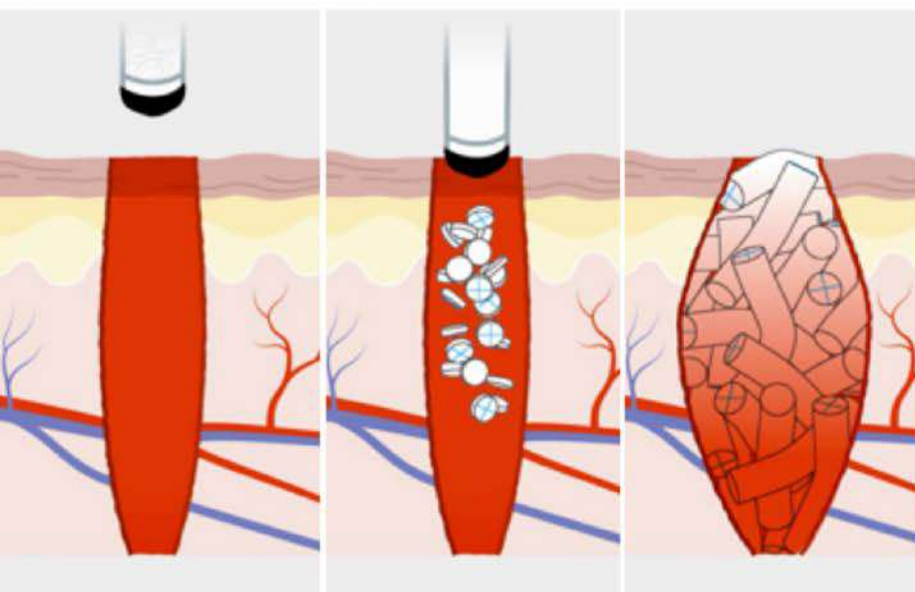
Contacts

Aure (CEO) : +60146338655 aurelien.rouvreau@utilis-malaysia.com

Matt (GM) : +60122826774 matthieu.maidon@utilis-malaysia.com

# XSTAT<sup>™</sup> HEMOSTATIC DEVICE

Revolutionizing the treatment of gunshot and knife wounds



Indicated for treatment of junctional wounds in the groin or axilla and narrow entrance extremity wounds in the arms or legs, for adults and adolescents

## CoTCCC RECOMMENDED

The only FDA-cleared device indicated for severe bleeding from penetrating, narrow-entrance wounds

- Applies hemostatic pressure inside the wound cavity to stop bleeding at its source
- Overcomes limitations of traditional wound dressings in treating deep, narrow-tract wounds

**Applies in seconds and stops bleeding immediately without manual compression**

- Remove from packaging and apply to wound in 30 seconds. XSTAT sponges immediately expand, apply 360° hemostatic pressure and stop bleeding
- No need for the minutes of manual compression necessary with hemostatic gauze

**Syringe applicator is easy to learn and easy to use.**



- Requires minimal training
- Alleviates need for wound-packing expertise

**Compact & lightweight: minimal cube space required**

**Standard issue in:**

- SOCOM IFAKs
- CASEVAC Sets
- Medic/Corpsmen Kits

## PRODUCT SPECIFICATIONS

	KEY ATTRIBUTES	PRODUCT DIMENSIONS	PACKAGED DIMENSIONS
 <p><b>XSTAT 30 Gen 2</b></p> <p><b>Single Pack</b> NSN 6510-01-644-7335</p>	<p><b>CoTCCC Recommended</b></p> <p>For larger exit wounds from gunshots or other penetrating trauma</p> <p>~108 radiopaque sponges per applicator</p> <p>Vacuum sealed; sterile</p> <p>5 year shelf life</p>	<p>LENGTH: 14.1 cm (5.55 in)</p> <p>DIA: 3.0 cm (1.18 in)</p>	<p>17.5 x 28.2 x 3.3 cm (6.9 x 11.1 x 1.3 in)</p> <p>CUBE: 0.34 L</p> <p>WT: 0.10 kg (0.23 lbs)</p>
 <p><b>XSTAT 12</b></p> <p><b>Single Pack</b> NSN 6510-01-665-5192</p> <p><b>3-Pack</b> NSN 6510-01-657-4737</p>	<p><b>CoTCCC Recommended</b></p> <p>For smaller entrance wounds from stabbings, shrapnel or small caliber weapons</p> <p>~38 radiopaque sponges per applicator</p> <p>Vacuum sealed; sterile</p> <p>5 year shelf life</p>	<p>LENGTH: 17.5 cm (6.89 in)</p> <p>DIA: 1.2 cm (0.47 in)</p>	<p>17.5 x 28.2 x 3.3 cm (6.9 x 11.1 x 1.3 in)</p> <p><b>1 Pack</b> CUBE: 0.32 L WT: 0.06 kg (0.13 lbs)</p> <p><b>3 Pack</b> CUBE: 0.80 L WT: 0.13 kg (0.28 lbs)</p>

# ChitoGauze® XRPRO & ChitoGauze® XR2 PRO

...charged by Chito+

Ideally packaged for military and EMS applications

Tricol's unique chitosan technology, Chito+, works independently of the body's clotting cascade and forms a strong, supportive, adhesive seal when in contact with blood.



- **Cost effective:** Lower cost than alternatives; large size reduces need for multiple dressings
- **Fast Hemostasis:** Stops severe arterial bleeds in minutes; minimizes blood loss to reduce need for transfusions
- **Dependable:** Proven effective on the battlefield and in trauma settings; non-shedding; creates a strong clot; provides localized support of clotting
- **Easy to Use:** Intuitive application/removal; flexible z-folded gauze dressing conforms to tissue surfaces
- **Safe:** No pro-clotting agents; no known contraindications

## How Tricol Dressings Work

These ChitoGauze products are z-folded, chitosan-impregnated gauze. Chitosan is a naturally occurring, biocompatible polysaccharide. Its hemostatic properties enhance the gauze's ability to control bleeding. The robust, uniformly applied chitosan coating allows optimal chitosan-blood interaction for effective control. Chitosan further reduces blood loss by helping the dressing conform to the wound site while providing a physical barrier to prevent bleeding.



## Common Applications

- Abdominal trauma
- Amputations
- Blast injury
- Blunt trauma
- Chest trauma
- Damage control
- Facial trauma
- Head injury and lacerations
- Penetrating trauma
- Perforating trauma
- Poly-trauma
- Road rash

## Easy Application

1. Identify and cover the source of bleeding with the dressing; apply direct digital pressure to the source.
  - Pack dressing completely into wound track.
  - Use enough dressing to fill the wound and contact all bleeding surfaces.
  - If trimming the dressing, ensure the radiopaque element is included in the parts being used.
  - More than one dressing may be required.
2. Hold digital pressure until bleeding stops.
3. After bleeding has stopped, secure ChitoGauze on wound to maintain pressure.



## Easy Removal

- ChitoGauze XRPRO and XR2 PRO can remain in place up to 48 hours.
  - When removing, dressings should easily peel away from the wound.
  - If dressing has adhered\* to the wound, irrigate with saline or water to facilitate removal.
- \* Depending on the wound's condition, dressing may stick if left on wound beyond 48 hours.



## Indications for Use

ChitoGauze XRPRO and XR2 PRO are hemostatic dressings for the external, temporary control of severely bleeding wounds.

## Ordering Information

Item Number	Description	Packaging
1090 (ChitoGauze XR PRO)*	3in x 4yds (7.5cm x 3.7m), single x-ray thread	50/cs
1101 (ChitoGauze XR2 PRO)	3in x 4yds (7.5cm x 3.7m), double x-ray threads	50/cs

FDA 510(k): K102546  
Tax ID 81-2091181

\*For 1090 only: **EC REP** CEpartner4U, Esdoornlaan 13, 3951DB Maarn, The Netherlands  
www.cepartner4u.eu **CE** 0050

Available with  
1 or 2 X-ray  
Threads

## Clinical Evidence

1. Rall JM, et al. "Comparison of novel hemostatic dressings with QuikClot combat gauze in a standardized swine model of uncontrolled hemorrhage." *J Trauma Acute Care Surg*, 2013 Aug; 75(2 Suppl 2):S150-6.
2. Schwartz RB, et al. "Comparison of two packable hemostatic gauze dressings in a porcine hemorrhage model." *Prehosp Emerg Care*, 2011 Oct-Dec; 15(4).
3. Xie Hua, et al. "Comparison of hemostatic efficacy of ChitoGauze and combat gauze in a lethal femoral arterial injury in swine model." ATACCC 2009.

**Tricol**  
BIOMEDICAL INC

Tricol Biomedical, Inc.  
720 SW Washington Street, Suite 200  
Portland, Oregon 97205-3504 USA  
www.tricolbiomedical.com

For more information, product samples, and pricing, please visit [www.tricolbiomedical.com](http://www.tricolbiomedical.com) or call 1.877.247.0196 (US & Canada) or 1.503.245.0459; email: [info@tricolbiomedical.com](mailto:info@tricolbiomedical.com).

**SAM**  
MEDICAL

# SAM<sup>®</sup> Splint

# SHAPE. SET. SECURE.

## UNIVERSAL FLEXIBILITY

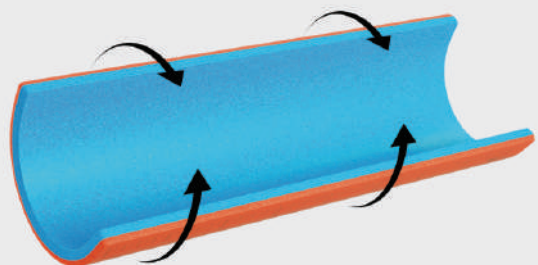
Touting unrivaled flexibility, SAM<sup>®</sup> Splint bends into any simple curve, becoming exponentially stronger and more supportive. SAM<sup>®</sup> Splint is globally acclaimed by emergency care providers, outdoor enthusiasts, the U.S. military, and even NASA.



## FEATURED TECHNOLOGY

### ADAPTABLE C-CURVE™ PRINCIPLE

SAM<sup>®</sup> Splint leverages the revolutionary C-Curve™ Principle to mold its foam and aluminum layers into structural arcs, strong enough for pre- or post-cast care, while remaining lighter and more transportable than traditional splints that rely on heavy, rigid materials. Bend it back into its original form to stow away or remold for a separate injury.





## ENGINEERED FOR VERSATILE SUPPORT

### 1 CUT-TO-SIZE

SAM<sup>®</sup> Splint's two layers of closed-cell foam and its aluminum interior can be cut with ordinary scissors to adapt to any size requirements.<sup>1</sup>

### 2 MOLDABLE ALUMINUM

Flat, O-temper aluminum inside the splint's outer layers molds easily, allowing for a wide spectrum of applications.

### 3 CLEANABLE EXTERIOR

Exterior closed-pore foam can be cleaned and disinfected with bleach and water for reuse.<sup>2</sup>

### 4 RADIOLUCENT MATERIAL

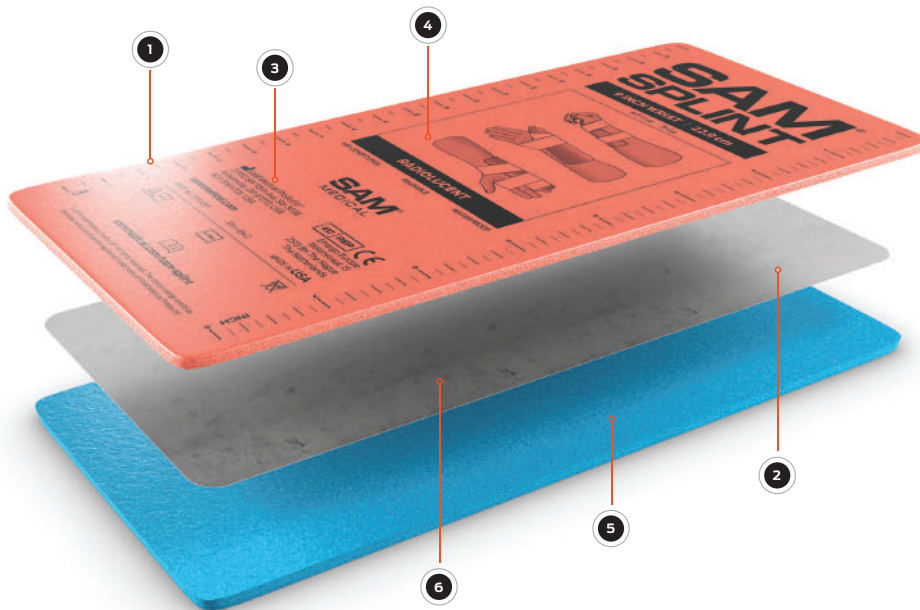
Medical professionals are able to take X-rays and CT-scans without removing the splint from the fractured or injured limb.

### 5 WEATHER RESISTANT

Designed to function across the spectrum of global temperatures – from the Sahara to Mt. Everest.

### 6 LIGHTWEIGHT DESIGN

Substantially lighter than plaster or fiberglass splints, SAM<sup>®</sup> Splint requires only a wrap or tape to secure an injured bone or stabilize a joint.



<sup>1</sup> Do not use a serrated blade. Ensure there are no sharp edges after cutting, and cover with tape.

<sup>2</sup> Care and maintenance guidelines are available at [www.sammedical.com](http://www.sammedical.com)

## MODELS



BLUE  
ORANGE



CHARCOAL  
CHARCOAL



OD GREEN  
OD GREEN



A VARIETY OF  
SIZES AVAILABLE

## PRODUCT SPECIFICATIONS

### BLUE / ORANGE MODELS\*

36" Roll (SP506-OB-EN)  
36" Fold (SP507-OB-EN)  
36" XL (SP508-OB-EN)  
18" (SP502-OB-EN)  
9" (SP500-OB-EN)  
Finger (SP510-OB-EN)  
Industrial (SP504-OB-EN)

### CHARCOAL MODELS\*

9" (SP500-CH-EN)  
18" (SP502-CH-EN)  
36" Roll (SP506-CH-EN)  
36" Fold (SP507-CH-EN)  
36" XL (SP508-CH-EN)

### OD GREEN MODELS\*

36" Fold (SP507-OD-EN)

### VET MODELS

36" VET (SP526-OB-EN-543)

### GLOBAL SALES

U.S. Toll Free: 800.818.4726

U.S. Local: 503.639.5474

U.S. Fax: 503.639.5425

[sammedical.com](http://sammedical.com)

Emergo Europe, Westervoortsewijk 60 6827 AT Arnhem, The Netherlands	SAM Medical Products <sup>®</sup> 12200 SW Tualatin Rd., Ste 200 Tualatin, OR 97062 USA	

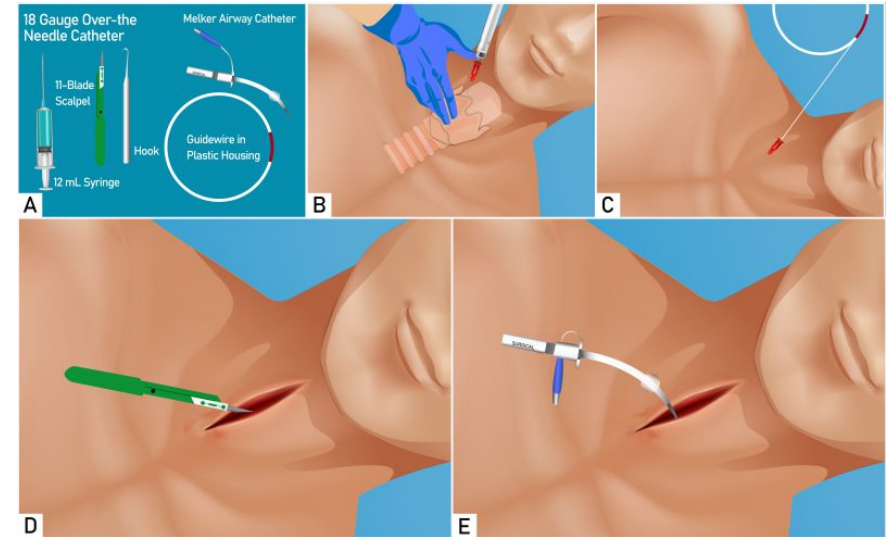
\* Standard width 4.25 in wide, XL 5.50 in wide.

SAM<sup>®</sup> is a registered trademark in the United States and other countries.

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# Cric-Key Tactical Training Set

Set peralatan simulasi lengkap untuk peningkatan kemampuan personil dalam melakukan tindakan krikotiidotomi (cric-key) yang tepat dan aman. Dilengkapi komponen perlengkapan yang digunakan seperti dalam kondisi yang sebenarnya.





**SAM**  
MEDICAL

# SAM IO TRAINING KITS

**TRAIN. PREPARE. PRESERVE LIFE.**

## **SAM IO TRAINING KITS: A VERSATILE WAY OF TRAINING**

The SAM IO Training Kits include all components needed to simulate intraosseous access with the SAM IO system. Every kit includes a nylon Training Case, Driver, three Needle Sets, Stabilizer, and Adaptor. Simulation Sawbones, including the proximal humerus, proximal tibia, and distal tibia, are also available in the SAM IO Training Kits. All included parts are for training purposes only.

## **ENGINEERED FOR SURVIVAL**

### **MANUALLY OPERATED DRIVER**

SAM IO is a manually operated intraosseous access system. Catheter placement is achieved by continuously actuating (repeatedly compressing) the driver's trigger assembly while gently guiding the needle assembly into position. Repeated, full trigger actuation creates rotational spin of the needle assembly which, when combined with gentle downward pressure, results in controlled IO placement. Once needle assembly is properly positioned, the stylet is removed to expose standard Luer-lock for extension set connection. With the extension set connected, aspiration verification, flushing and selected treatment(s) may commence.





# SAM<sup>®</sup> IO

## KITS AVAILABLE:

- 1 PN: IO720-EN**  
 x1 Training Case  
 x1 Driver  
 x1 Stabilizer  
 x1 Adaptor  
 x1 15 mm Needle Set  
 x1 25 mm Needle Set  
 x1 45 mm Needle Set  
 x1 Proximal Humerus Sawbone

- 2 PN: IO721-EN**  
 x1 Training Case  
 x1 Driver  
 x1 Stabilizer  
 x1 Adaptor  
 x1 15 mm Needle Set  
 x1 25 mm Needle Set  
 x1 45 mm Needle Set  
 x1 Proximal Tibia Sawbone

- 3 PN: IO722-EN**  
 x1 Training Case  
 x1 Driver  
 x1 Stabilizer  
 x1 Adaptor  
 x1 15 mm Needle Set  
 x1 25 mm Needle Set  
 x1 45 mm Needle Set  
 x1 Distal Tibia Sawbone

- 4 PN: IO723-EN**  
 x1 Training Case  
 x1 Driver  
 x1 Stabilizer  
 x1 Adaptor  
 x1 15 mm Needle Set  
 x1 25 mm Needle Set  
 x1 45 mm Needle Set  
 x1 Proximal Humerus Sawbone  
 x1 Proximal Tibia Sawbone  
 x1 Distal Tibia Sawbone



### TRAINING REPLACEMENT NEEDLES\*

For training & demonstration purposes



\* Non-sterile. All training kit components are for training and demonstration purposes only

## PRODUCT SPECIFICATIONS

### CASE SIZE & WEIGHT\*\*

Length: 11 in (28 cm)  
 Height: 5.25 in (13 cm)  
 Width: 8.5 in (22 cm)  
 Weight\*\*\*: 34 oz (963 g)

### AVAILABLE KITS

Bag only - IO744-EN  
 SAM IO Training Kit - IO720-EN  
 SAM IO Training Kit - IO721-EN  
 SAM IO Training Kit - IO722-EN  
 SAM IO Training Kit - IO723-EN

### MODELS AVAILABLE

**Driver:**  
 IO700-EN  
 NSN# 6515-01-694-6094  
**Stabilizer:**  
 1-Pack IO740-1P-EN  
 NSN# 6515-01-694-6043  
 5-Pack IO740-5P-EN  
**Adaptor:**  
 IO742-EN


### Needles:

**15 mm** 1-Pack IO705-1P-EN  
 NSN# 6515-01-694-6069  
**15 mm** 5-Pack IO705-5P-EN  
 NSN# 6515-01-694-6103  
**25 mm** 1-Pack IO706-1P-EN  
 NSN# 6515-01-694-6098  
**25 mm** 5-Pack IO706-5P-EN  
 NSN# 6515-01-694-6052  
**45 mm** 1-Pack IO707-1P-EN  
 NSN# 6515-01-694-6025  
**45 mm** 5-Pack IO707-5P-EN  
 NSN# 6515-01-694-6112

### GLOBAL SALES

U.S. Toll Free: 800.818.4726  
 U.S. Local: 503.639.5474  
 U.S. Fax: 503.639.5425  
[sammedical.com](http://sammedical.com)

**TRAINING AVAILABLE:**  
[get.trained@sammedical.com](mailto:get.trained@sammedical.com)  
[sammedical.com/training](http://sammedical.com/training)

<b>REF</b> IO720-EN	<b>REF</b> IO722-EN
<b>REF</b> IO721-EN	<b>REF</b> IO723-EN
 <b>SAM Medical Products<sup>®</sup></b> 12200 SW Tualatin Rd., Ste 200 Tualatin, OR 97062 USA	

\*\*Size and weight vary by configuration and manufacturing process.  
 \*\*\*weight represents PN IO720-EN  
 SAM<sup>®</sup> is a registered trademark in the United States and other countries.  
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### Training Replacement Needles:

15 mm - IO725  
 25 mm - IO726  
 45 mm - IO727  
 Mixed Pack - IO728

# COMPRESSED EMERGENCY BANDAGE



Versatile elastic tactical bandage with padding and pressure-adjustable adhesive fasteners, highly effective for treating conventional minor bleeding in the abdomen, legs, head, and other types of wounds that are difficult to reach with a standard tourniquet.



SIERRA

01

Open the package by tearing along the perforated line.



02

Remove the sterile bandage



03

Check the wound.  
For larger wounds, open the bandage pad.



04

Apply the other side to the wound area, using the red dot as a guide.



05

Then, start wrapping the injured area and secure the bandage pad.



06

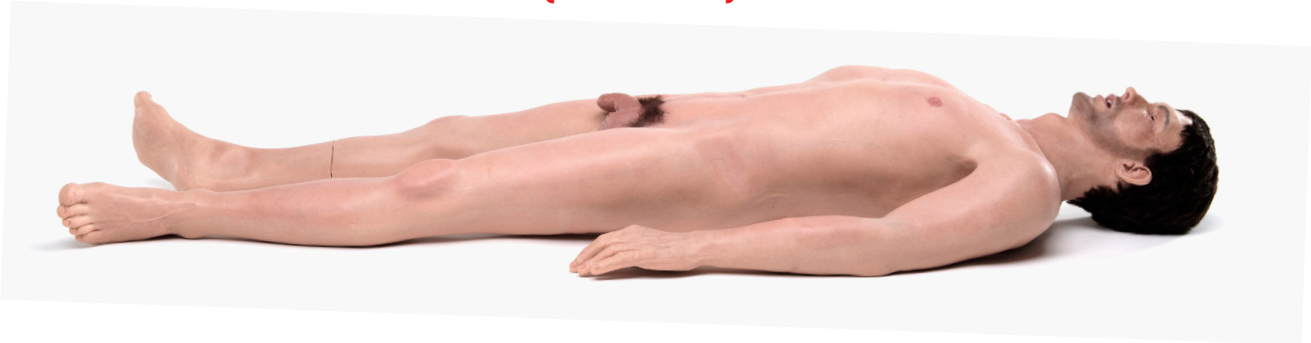
Connect the end of the bandage to the clip to secure it.



# SIMBODIES®

Realistic training. Real **life-saving.**

## EMERGENCY MEDICAL SKILL MANIKIN (EMS-MAN)



Improve your lifesaving skills on the world's most hyper-realistic adult medical manikin. Thoughtfully designed and sculpted from real human anatomy by clinical experts, scientists, and artists.

### Key Features

Life-like look and feel with flexible limbs

Partially open eyes

Accurate human cast cadaver airway

Age: Approx. 30-40 years old

Skin tone - White Caucasian

Clothing size: Medium/Large

Shoe size: UK 10, EU 45, US 11

Height: 6' Weight: 35kg/ 77lbs

Includes:

- 2 x Amputation Sleeves
- 2 x Manual Blood Pumps

Maintenance kit:

- 100ml Bottle of Sweat & Tears (lubrication)
- Powder and Brush
- Bluetooth speaker, manual, and charging cable

*\* additional items included*

## SIMBODIES®

Realistic training. Real **life-saving.**

[Simbodies.com](http://Simbodies.com)

[SafeguardMedical.com](http://SafeguardMedical.com)

To order from the SIMBODIES line of products today or for more information, talk with your representative or contact Safeguard Medical at 855-428-6074. [www.safeguardmedical.com](http://www.safeguardmedical.com)

PART OF **SAFEGUARDMEDICAL™**

# SIMBODIES®

Realistic training. Real **life-saving.**

MEDICAL PROCEDURE	ADULT MALE
Catastrophic/ Life-Threatening Hemorrhage	✓
Application of a Tourniquet	✓
Wound Packing	✓
Junctional Bleeding	✓
Airway Management	✓
Head Tilt	✓
Chin Lift	✓
Jaw Thrust	✓
Postural Airway Management (1)	✓
Nasopharyngeal Airway Insertion (1)	✓
Oropharyngeal Airway Insertion (1)	✓
Supraglottic Airway Device Insertion (2)	✓
Laryngoscopy/ Tracheal Intubation (1)	✓
Needle Cricothyroidotomy (9)	✓

1. For most current medical devices 2. Different supraglottic airway devices will have varying degrees of realism in insertion and ventilation, depending on the device used. 3. Chest expansion during ventilation can vary depending on the manikin, airway, and ventilation devices used 4. Some chest seals may not adhere to silicone skin in the same manner as human skin. 5. Child/baby and Adult Female 2nd intercostal only, Adult Male 2nd and 5th 6. Chest compressions can be performed on all of our manikins but are not designed solely for CPR training. Chest Compressions depth and feedback varies by manikin. 7. Certain devices will work. Please contact [simbodiesupport-us@safeguardmedical.com](mailto:simbodiesupport-us@safeguardmedical.com) 8. Some pads may not adhere to silicone skin in the same manner as human skin. 9. Available on the EMS-T Trainer.

C-Spine Control	✓
Application of a Spinal Collar	✓
Application of Manual Inline Stabilisation	✓
Breathing Assessment	✓
Artificial Ventilation (BVM) (3)	✓
Artificial Ventilation (Ventilator when intubated) (3)	✓
Application of Chest Seal (4)	✓
Needle Thoracocentesis (5)	✓
Circulation Assessment	✓
Application of Various Dressings	✓
Application of Pelvic Binder	✓
Application of Traction Device (Femoral)	✓
Intraosseous Access Tibia	✓
Intraosseous Access Humeral Head	✓
Chest Compressions (manual) (6)	✓
Chest compressions (automated) (7)	✓
Application of AED/ Defibrillator Pads (8)	✓

\* no customizable options available on this product



**SIMBODIES®**  
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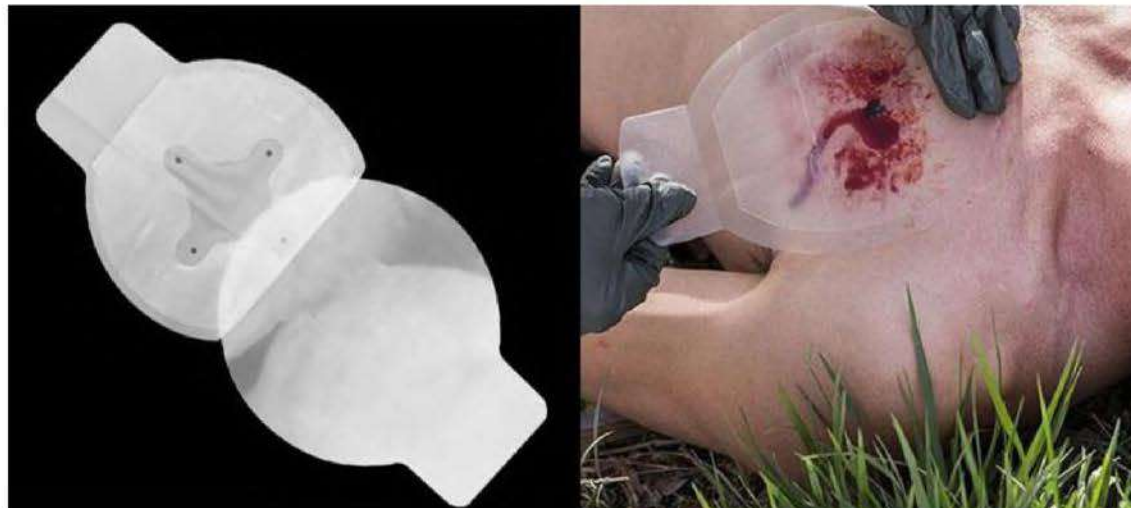
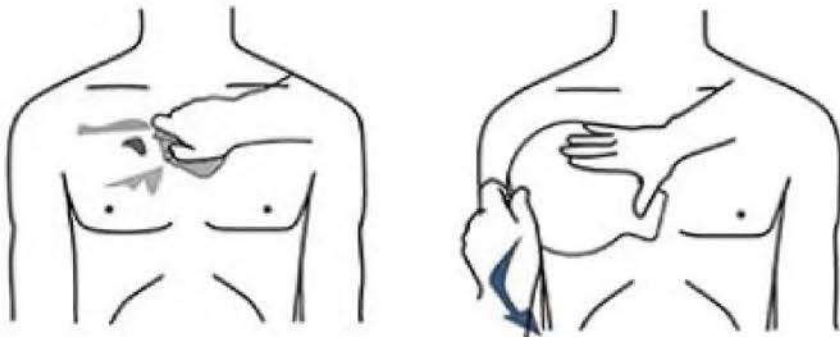
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PART OF **SAFEGUARDMEDICAL**

# Chest Seal Combo Pack

Lapisan penutup yang digunakan untuk pertolongan pertama pada luka yang mengakibatkan adanya rongga di dada. Berfungsi untuk mencegah udara bebas masuk ke rongga luka yang memungkinkan kesulitan pernafasan pada pasien dalam keadaan kritis (*Tension Pneumothorax*).



**CHEST SEAL NON-VENTED**

RNY | HEALTHCARE

**CHEST SEAL VENTED**

RNY | HEALTHCARE

**Occlusive Adhesive Dressing for Open Chest Wounds**

**Cara Penggunaan:**

1. Bersihkan area sekitar luka,
2. Lepas lapisan pelindung dari permukaan perekat,
3. Tempatkan segel tepat ditengah luka dengan bagian perekat menghadap ke bawah,
4. Tekan perekat ke kulit untuk memastikan segel menutup dengan rapat.

**STERILE**

Single Use Only

**STERILE R**

Single Use Only

Didistribusi oleh :  
**PT Ranaya Fazza Utama**  
Festive Garden Blok AA 16 No.53,  
Grand Wisata, Tambun Selatan,  
Bekasi, Jawa Barat 17510 - Indonesia  
**Kemenkes RI AKL : 11603325784**

CPR Training Manikin "BRAYDEN"

# BRAYDEN



The ultimate purpose of CPR is to maintain a flow of oxygenated blood to the brain during cardiac arrest to prevent serious brain damage.

**“BRAYDEN” is the first CPR Manikin ever to display the virtual flow of blood from the heart to the brain during the CPR.**

Furthermore, with the aid of the “BRAYDEN” CPR Manikin, trainees will not only learn with ease how to execute CPR correctly in time of need, the skills learned using the “BRAYDEN” CPR Manikin will be remembered for life due to the positive feedback innovations built into “BRAYDEN”

# BRAYDEN

## CPR Quality Indicating Lamps

These lamps are only light when the compression depth and the speed coincide correctly with the given default value. When either one of the two i.e. the compression depth or the speed is not correct then the lamps will fail to light.

The state of the art technology integrated into “BRAYDEN” makes it possible to train all levels of trainee, making it simple and easy to learn the correct way to perform CPR effectively. The trainee can learn simply by focusing attentively on the indicating lamps and how they respond to their CPR performance.



## Blood Circulation Indicating Lamps

These lamps provide visualisation of the blood flow from the heart to the brain which trainees can easily observe while performing CPR. The lamps will illuminate in direct proportion to the depth and speed of the trainees compressions providing feedback throughout their CPR practice sessions

## Compression Indicating Lamps

These lamps directly relate to depth and speed of compressions. In other words, these compression indicating lamps across the chest light up in direct proportion with the compressions depth and speed as with the Blood Circulation Indicating Lamps.

For example, when the CPR is correctly performed all the lamps across the chest are fully lit, however the lamps will only light up in proportion with the quality of CPR.

Size : 32 x 59 x 21 cm  
Weight : 3.1 kg (Including batteries)  
Power : Battery, AC Power (Option)

# BASIC FUNCTIONS

The “BRAYDEN” CPR Manikin has the following functions for Basic Life Support

- ▶ Realistic head tilt and chin lift for opening airway
- ▶ Chest rise with correct ventilation
- ▶ Audible feedback (“click”) with correct compression depth



Highly realistic chest movement with correct ventilations



Head tilt and chin lift for opening airway



Oral and nasal passages which allow realistic nose pinch



Anatomical landmarks (sternum, ribcage, sternal notch and xiphisternum)



Harmless skin (RoHS, REACH) and materials



Quick and easy clean-up



Audible feedback reinforces correct compression depth (Clicker ON/OFF)



Label for record of management information



Two way of power supply (Battery, AC power)

## ▶ Disposable airway and reusable face (removable)



Remove skins, then lift chin



Insert the artificial lung into the slot

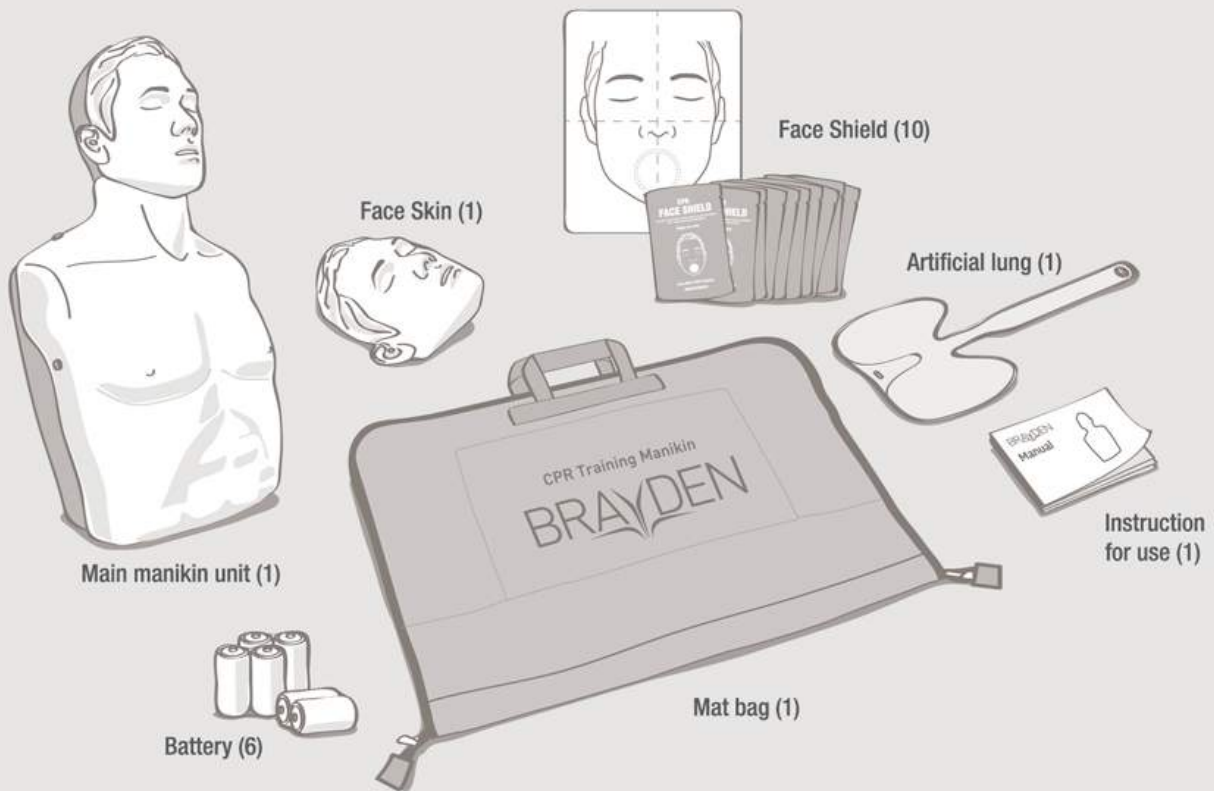


Insert the hall of artificial lung into the guide

CPR Training Manikin "BRAYDEN"

# BRAYDEN

## CONTENTS



## PRODUCT INQUIRIES

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Fax. +82 70 8673 5285  
Email. [info@innosonian.com](mailto:info@innosonian.com)  
[www.innosonian.com](http://www.innosonian.com)

# BE BRAVE!

A brave decision makes you to save someone you love.

# Injectable Applicator Training Set

Set peralatan pelatihan untuk meningkatkan kemampuan personil dalam menangani luka dengan metode injeksi.

Dilengkapi dengan model bagian tubuh dan jenis pendarahan yang umum terjadi di medan tempur.



XSTAT 30/P30 Training Applicators
XSTAT 12 Training Applicators
XSTAT Training Sponges Blue- 1000 each
XSTAT Training Applicator Refill Tools.
XSTAT P30 Training Pouches
TRUCLOT PCT3 LEG TRAINER
TRUECLOT Task Trainer, Gunshot Wound w/ Bone Insert
TRUECLOT Blood Simulant, Concentrate, 1 gallon
Lubricating Jelly Sterile, 2.7 g packet, BX/144
XSTAT Training Kit Best Practices Laminated Insert
Durable Re-usable Bin (Training Blue) 19.8" x 13.8" x 11.8"



# TCCC TACTICAL COMBAT CASUALTY CARE



## TIER 1 (TCCC ASM) One Day Training

- All service member Chef
- Drivers
- Logistic
- Mechanic

## TIER 1 (TCCC ASM) Two Days Trainings

- Combat Life Savers
- Combatant Without Medical Training

## TIER 1 (TCCC ASM) Four Days Trainings

- Combat Medics or
- Medical Professional



- Only Bleeding Control, Bandaging and Tourniquet

- Bleeding Control, Bandaging and Tourniquet

- Bleeding Control, Bandaging and Tourniquet

- Chest Seal

- Chest Seal
- Vital Signs
- Airway Opening
- NPA, OPA

- Fractures
- Antibiotic
- Combat Pill Pack
- Hypothermia
- 9 Line

- Chest Seal
- Needle Decompression
- IV/IO
- Cric-Key

- Pelvic Binding
- Fractures
- Antibiotic
- Combat Pill Pack
- Hypothermia
- 9 Line



# H.E.A.T

## Hostile Environment And Threat



Targeted Course Participants:

freelance journalists, international local media workers, securities, NGOS, Humanitarian workers

### Course Objectives:

By the end of the training, participants will be able to:

- Identify and assess threats in hostile environments.
- Apply practical safety and security measures in the field.
- React appropriately to emergencies such as detention, abduction, gunfire, and medical trauma.
- Improve resilience, stress management, and decision-making under pressure.
- Understand ethical and legal responsibilities during field reporting.



## RNY HEALTHCARE ORTHOPEDIC SURGERY INSTRUMEN SET

No.	Product Code	Description	QTY
1	<b>BC-06-177</b>	forceps tissue 1x2 t. 14,5 cm	2
2	<b>BC-06-310</b>	ADSON forceps serrated	1
3	<b>BC-07-105</b>	HALSEY needleholder smooth 13,5 cm	2
4	<b>BC-08-1005</b>	MARTIN cartilage hold.forceps 19 cm	1
5	<b>BC-12-225</b>	SENN retractor double sharp	2
6	<b>BC-12-226</b>	SENN retractor double blunt	1
7	<b>BC-12-900</b>	Probe buttoned with eye	1
8	<b>BC-12-600</b>	Grooved director	1
9	<b>BC-13-105</b>	ALM retractor sharp 7 cm	1
10	<b>BC-13-130</b>	WEITLANER retract.sharp 11,5 cm	2
11	<b>BC-13-131</b>	WEITLANER retract.blunt 11,5cm	1
12	<b>BC-14-143</b>	LOWMAN bone hold.clamp 18,5 cm	1
13	<b>BC-14-185</b>	RUSKIN rongeur 18 cm curved	1
14	<b>BC-14-227</b>	LISTON bone cutting forceps 17 cm	1
15	<b>BC-14-292A</b>	STILLE bone hand drill 20 cm	1
16	<b>BC-14-476</b>	VOLKMANN bone curette fig. 0000	1
17	<b>BC-14-477</b>	VOLKMANN bone curette fig. 000	1
18	<b>BC-14-482</b>	VOLKMANN bone curette fig. 3	1
19	<b>BC-14-965</b>	KIRK hammer 19cm/750g = 24 oz	1
20	<b>BC-14-975</b>	LANGENBECK elevator 20 cm	1
21	<b>BC-14-980</b>	Bone rasp 24,5 cm	1
22	<b>BC-14-985</b>	CHARRIERE amputation saw 30 cm	1
23	<b>BC-14-1010</b>	Osteotome 13,5 cm 12 mm	1
24	<b>BC-14-1025</b>	Bone chisel 13,5 cm 12 mm	1
25	<b>BC-14-1035</b>	Gouge 13,5 cm 12 mm	1
26	<b>BC-17-900</b>	CONTAINER 16x11x5"(with mesh tray)	1
27	<b>BC-23-179A</b>	FRAZIER asp.cann.30* 8Fr. 19cm	1
28	<b>BC-23-180A</b>	FRAZIER asp.cann.30*10Fr. 19cm	1

## SPECIFICATION

<p>Standard BC-06-177 145 mm</p> <p>Forceps tissue 14,5 cm</p>	<p>FRAIZER asp.cann.30*</p>	<p>BC-07-105 13.5 cm smooth jaw boca lisa mors lisse</p> <p>Halsey</p> <p>HASLEY needle holder smooth</p>
<p>MARTIN cartilage hold. Forceps 19 cm</p>	<p>7.5 x 9.5 mm (AXB) BC-12-225 sharp agudo pointu 22.5 x 6.5 mm (AXB) Senn-Miller 10 cm</p> <p>SENN retractor double sharp</p>	<p>SENN retractor double blunt</p>
<p>Probe buttoned with eye</p>	<p>Grooved director</p>	<p>4 x 4 teeth 4 x 4 dentes 4 x 4 dents BC-13-108 7 cm sharp agudo pointu 4 x 4</p> <p>ALM retractor sharp</p>
<p>Weitlaner</p> <p>WEITLANER retractor</p>	<p>LOWMAN bone hold. clamp</p>	<p>RUSKIN rongeur</p>

 <p>LISTON bone cutting forceps</p>	 <p>Stille BC-14-292 20.5 cm</p> <p>STILLE bone hand</p>	 <p>VOLKMANN bone curette</p>
 <p>KIRK hammer</p>	 <p>LANGENBECK elevator</p>	 <p>Bone rasp 24,5 cm</p>
 <p>Charrier</p> <p>CHARRIERE amputation saw 30 cm</p>	 <p>Osteotome 13,5 cm 12 mm</p>	 <p>Bone chisel 13,5 cm 12 mm</p>
 <p>Gouge 13,5 cm 12 mm</p>		



**RNY HEALTHCARE APPENDECTOMY SURGERY INSTRUMEN SET**

No.	Product Code	Description	QTY
1	BC-01-213	Scalpel handle no. 3	1
2	BC-01-209	Scalpel handle no. 4	1
3	BC-02-164	METZENBAUM sciss.280 mm TC, curved	1
4	BC-04-155	MAYO HEGAR needleholder TC	2
5	BC-05-159	MAYO STILLE scissors str.15 cm	1
6	BC-05-161	MAYO STILLE scissors cvd.15 cm	1
7	BC-06-103	Forceps dressing 14,5 cm	6
8	BC-06-107	Forceps dressing 25,0 cm	6
9	BC-06-177	Forceps tissue 1x2 t. 14,5 cm	6
10	BC-08-138	CRILE RANKIN hemostat. forceps	6
11	BC-08-139	CRILE RANKIN hemostat. forceps	6
12	BC-08-375	MIKULICZ periton.forceps sl.cv	6
13	BC-08-392	BACKHAUS towel forceps	6
14	BC-08-460	LAHEY goitre seizing forceps	2
15	BC-09- 454A	SCHROEDER vulsellum forc.2x2t.	1
16	BC-09-457	CZERNY tenaculum forceps 20,5 cm 4x4 t.	1
17	BC-09-468	HEYWOOD-SMITH polypus forceps 25 cm	2
18	BC-12-500	LANGENBECK retr. 21cm 30x11 mm	2
19	BC-12-520	MIDDELDORP retractor 20x22 mm	2
20	BC-17-630	Measure graduated 18/8 0,25 L	2
21	BC-17-901	Container 17x12x6" (with mesh tray)	1
22	BC-17-123A	Needle case w.partition perf.	2
23	BC-23-300	YANKAUER aspiration tube	1

## SPECIFICATION

 <p>Scalpel handle</p>	 <p>Metzenbaum METZENBAUM Scissors</p>	 <p>BC-04-154 16 cm</p> <p>MAYO HEGAR</p>
 <p>MAYO STILLE scissors</p>	 <p>Standard</p> <p>Forceps dressing</p>	 <p>Standard BC-06-177 145 mm</p> <p>Forceps tissue 14,5 cm</p>
 <p>Crile</p> <p>CRILE RANKIN hemostat. forceps</p>	 <p>MIKULICZ periton forceps</p>	 <p>Backhaus</p> <p>BACKHAUS towel forceps</p>




 <p>LAHEY goitre seizing forceps</p>	 <p>SCHROEDER vulsellum forc.</p>	 <p>Czerny CZERNY tenaculum forceps</p>
 <p>HEYWOOD-SMITH polypus forceps</p>	 <p>Langenbeck 21 cm LANGENBECK retractor</p>	 <p>BC-12-352 20 x 22 mm (AXB) MIDDELDORP retractor</p>
 <p>Measure graduated 18/8 0,25 L</p>	 <p>Needle case w.partition</p>	 <p>YANKAUER aspiration tube</p>



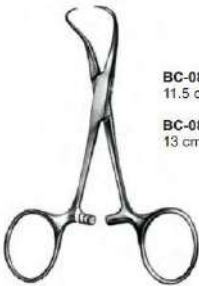








### RNY HEALTHCARE MINOR SURGERY INSTRUMEN SET

No.	PRODUCT CODE	DESCRIPTION	QTY
1	BC-01-213	Scalpel handle no. 3	1
2	BC-03-149	Forceps narrow dress. 14,5 cm	1
3	BC-05-107	Scissors, bl/sh str 14,5 cm	1
4	BC-05-142	MAYO scissors straight 14,5 cm	1
5	BC-05-146	MAYO scissors curved 14,5 cm	1
6	BC-05-204	METZENBAUM scissors cvd. 18 cm	1
7	BC-06-103	Forceps dressing 14,5 cm	1
8	BC-06-105	Forceps dressing 18,0 cm	1
9	BC-06-177	Forceps tissue 1x2 t. 14,5 cm	1
10	BC-06-179	Forceps tissue 1x2 t. 18,0 cm	1
11	BC-07-116	MAYO HEGAR needleholder	1
12	BC-07-150	CRILE WOOD needleholder 15 cm	1
13	BC-08-108	HALSTED mosquito forceps str. 12,5 cm	4
14	BC-08-139	CRILE hemostatic forceps	2
15	BC-08-171	SPENCER WELLS hemost. forceps	6
16	BC-08-242	ROCH. OCHSNER hemostat.forceps	2
17	BC-08-252	ROCH. OCHSNER hemostat.forceps	2
18	BC-08-387	BACKHAUS towel forceps	4
19	BC-08-555	FOERSTER swab forceps serrated	2
20	BC-12-225	SENN retractor double sharp	2
21	BC-12-235	FARABEUF retractor double pair	1
22	BC-12-449	LANGENBECK retractor 28x10 mm, 210 mm	2
23	BC-12-550	BOSE trachea hook sharp right	2
24	BC-12-600	Grooved director	1
25	BC-12-610	Probe myrtle leaf 14,5 cm	1
26	BC-14-476	VOLKMANN bone curette fig.0000, 170 mm	1
27	BC-17-899	CONTAINER 12X10X4" (with mesh tray)	1
28	BC-18-105	ALLIS tissue forceps 15cm 4x5t	2

## SPECIFICATION

 <p>Scalpel handle no. 3</p>	 <p>Fine BC-03-149 14,5 cm</p> <p>Forceps narrow dress. 14,5 cm</p>	 <p>BC-05-107 14,5 cm</p> <p>Scissors, bl/sh str 14,5 cm</p>	 <p>BC-05-142 14,5 cm</p> <p>MAYO scissors straight 14,5 cm</p>
 <p>BC-05-146 14,5 cm</p> <p>MAYO scissors curved 14,5 cm</p>	 <p>BC-05-204 18 cm</p> <p>Metzenbaum-Nelson</p> <p>METZENBAUM scissors cvd. 18 cm</p>	 <p>BC-06-103 145 mm</p> <p>Forceps dressing 14,5 cm</p>	 <p>BC-06-105 180 mm</p> <p>Forceps dressing 18,0 cm</p>
 <p>BC-06-177 145 mm</p> <p>Forceps tissue 1x2 t. 14,5 cm</p>	 <p>BC-06-179 180 mm</p> <p>Forceps tissue 1x2 t. 18,0 cm</p>	 <p>BC-07-116 16 cm</p> <p>Mayo-Hegar</p> <p>MAYO HEGAR needleholder</p>	 <p>BC-08-108 12,5 cm / 5"</p> <p>Halsted-Mosquito</p> <p>HALSTED mosquito forceps str. 12,5 cm</p>
 <p>BC-08-139 14 cm / 5½"</p> <p>CRILE hemostatic forceps</p>	 <p>BC-08-171 15 cm / 6"</p> <p>Spencer-Wells</p> <p>SPENCER WELLS hemost. forceps</p>	 <p>BC-08-242 16,5 cm / 6½"</p> <p>Kocher (Ochsner)</p> <p>ROCH. OCHSNER hemostat. forceps</p>	 <p>BC-08-252 20 cm / 8"</p> <p>Kocher (Ochsner)</p> <p>ROCH. OCHSNER hemostat. forceps</p>












 <p>BC-08-387 11.5 cm / 4½" BC-08-388 13 cm / 5"</p> <p>Backhaus BACKHAUS towel forceps</p>	 <p>Foester</p> <p>FOESTER swab forceps serrated</p>	 <p>7.5 x 9.5 mm (AXB) BC-12-225 sharp agudo pointu 22.5 x 6.5 mm (AXB)</p> <p>Senn-Miller 16 cm</p> <p>SENN retractor double sharp</p>	 <p>25 x 10 mm (AXB) 22 x 10 mm (AXB) 29 x 12 mm (AXB) 32 x 12 mm (AXB)</p> <p>Farabeuf BC-12-238 12.5 cm Set. Jaego, jau</p> <p>FARABEUf retractor double pair</p>
 <p>LANGENBECK retractor 28x10 mm, 210 mm</p>	 <p>Right Curved</p> <p>BOSE trachea hook sharp right</p>	 <p>Grooved director</p>	 <p>Probe myrtle leaf 14,5 cm</p>
 <p>VOLKMANN bone curette 170 mm</p>	 <p>885 BC-18-105 10.5 cm / 4" 4x5 teeth 4x5 dentes 4x5 dentes</p> <p>ALLIS tissue forceps 15cm 4x5t</p>		

## RNY HEALTHCARE DENTAL INSTRUMENT SET

No.	Product Code	Description	Qty
1	M-182	Upper Premolar Wisdom Amp; Roots Dental Extracting Forceps Mead #1	1
2	M-183	Upper Molars Dental Extracting Extraction Forceps Mead #2	1
3	M-185	Lower Incisor Dental Extracting Extraction Forceps Mead #3	1
4	M-186	Lower Molar Dental Extracting Extraction Forceps Mead #4	1
5	M-188	Dental Upper Incisors Cuspids Bicuspid Roots Extracting Forceps	1
6	M-187	Dental Lower Incisors Cuspids Bicuspid Roots Extracting Forceps	1
7	M-184	Dental Extracting Extraction Lower Molar Cow Horn Forceps #23	1
8	M-181	Dental Extracting Extraction Forceps #286	1
9	M-189	Dental Crown Remover Gripper Angled With Silicone Tips	1
10	M-200	Heidbrink Root Tip Pick Elevator Straight	1
11	M-201	Heidbrink Root Tip Pick Elevator Right	1
12	M-202	Heidbrink Root Tip Pick Elevator Left	1
13	M-203	Root Dental Elevator Del 301	1
14	M-204	Root Dental Elevator Del 302	1
15	M-205	Root Dental Elevator Del 303	1
16	M-206	Root Dental Elevator Del 77R	1
17	M-208	Lindo Levien Serrated Elevator Right	1
18	M-207	Lindo Levien Serrated Elevator Left	1
19	M-209	Adson Dressing Forceps Serrated Fine Point 4.75"	1
20	M-210	Adson Tissue Forceps 1x2teeth Fine Point 4.75"	1
21	M-211	Iris Scissors 4.5quot; Straight	1
22	M-212	Iris Scissors 4.5quot; Angled	1
23	M-213	Mosquito Hemostat Forceps 5" Curved	1
24	M-214	Crile Wood Needle Holder 6"	1
25	M-215	Crane Elevator Right	1
26	M-216	Crane Elevator Left	1
27	M-217	Periosteal Elevator Molt M9	1
28	M-218	Periosteal Elevator Seldin S23	1
29	M-219	Dental Mirror #5	1
30	M-220	College Cotton Plier	1
31	M-221	Dental Explorer Probe #5	1
32	M-222	Minnesota Cheek Retractor	1
33	M-223	Dental Syringe 1.8cc	1
34	M-224	Scalpel Knife Handle #3	1
35	M-225	Scalpel Knife Handle #4	1
36		MESH WITH CONTAINER 280X200X75mm	1

## SPECIFICATION

 <p>Upper Premolar Wisdom Amp; Roots Dental Extracting Forceps Mead #1</p>	 <p><b>MD-2 Mead Forceps, Serrated</b> Upper 1st, 2nd, &amp; 3rd Molars, Universal</p> <p>Upper Molars Dental Extracting Extraction Forceps Mead #2</p>	 <p><b>MD-3 Mead Forceps, Serrated</b> Lower Incisors &amp; Roots</p> <p><b>M-185</b></p> <p>Lower Incisor Dental Extracting Extraction Forceps Mead #3</p>
 <p><b>MD-4 Mead Forceps, Serrated</b> Lower 1st, 2nd, &amp; 3rd Molars</p> <p><b>M-186</b></p> <p>Lower Molar Dental Extracting Extraction Forceps Mead #4</p>	 <p><b>M-188</b></p> <p>Dental Upper Incisors Cuspids Bicuspid Roots Extracting Forceps</p>	 <p><b>M-187</b></p> <p>Dental Lower Incisors Cuspids Bicuspid Roots Extracting Forceps</p>
 <p><b>23 Forceps</b> 1st &amp; 2nd Lower Molars</p> <p><b>M-184</b></p> <p>Dental Extracting Extraction Lower Molar Cow Horn Forceps #23</p>	 <p><b>286 Forceps</b> Upper Roots, Incisors, Premolars</p> <p><b>M-181</b></p> <p>Dental Extracting Extraction Forceps #286</p>	 <p>Dental Crown Remover Gripper Angled With Silicone Tips</p>

 <p>Heidbrink Root Tip Pick Elevator (Straight, Right, Left)</p>	 <p>Root Dental Elevator Del 301</p>	 <p>Root Dental Elevator Del 302</p>
 <p>Root Dental Elevator Del 303</p>	 <p>Root Dental Elevator Del 77R</p>	 <p>Lindo Levien Serrated Elevator Right</p>
 <p>Lindo Levien Serrated Elevator Left</p>	 <p>Adson Dressing Forceps Serrated Fine Point 4.75"</p>	 <p>Adson Tissue Forceps 1x2teeth Fine Point 4.75"</p>



Iris Scissors 4.5quot;  
Straight



Iris Scissors 4.5quot;  
Angled



Mosquito Hemostat Forceps 5"  
Curved



Crile Wood Needle Holder  
6"



Crane Elevator  
Right and Left



Periosteal Elevator Molt  
M9



Periosteal Elevator Seldin  
S23



Dental Mirror  
#5



College Cotton Plier













 <p>M-221</p> <p>Dental Explorer Probe #5</p>	 <p>M-222</p> <p>Minnesota Cheek Retractor</p>	 <p>Dental Syringe 1.8cc</p>
 <p>M-224</p> <p>Scalpel Knife Handle #3</p>	 <p>M-225</p> <p>Scalpel Knife Handle #4</p>	

## RNY HEALTHCARE ABDOMINAL SURGERY SET

No.	Product Code	Description	Qty
1	BC-01-209	scalpel handle no. 4	1
2	BC-02-141	METZENBAUM scissors cvd. 18 cm	1
3	BC-02-142	METZENBAUM scissors cvd. 20 cm	1
4	BC-02-143	METZENBAUM scissors cvd. 23 cm	1
5	BC-06-107	forceps dressing 25,0 cm	1
6	BC-06-132	CUSHING forceps serr., 250 mm	1
7	BC-06-181	Forceps tissue 1x2 t., 250 mm	1
8	BC-06-244	WAUGH forceps 1x2 teeth, 250 mm	1
9	BC-08-392	BACKHAUS towel forceps	2
10	BC-08-137	KELLY hemostatic forceps	4
11	BC-08-217	BENGOLEA hemost. forceps	2
12	BC-08-168	SPENCER WELLS hemost. forceps	2
13	BC-08-221	BENGOLEA hemostatic forceps	2
14		BAINBRIDGE hemostatic forceps 15 cm str	1
15		BAINBRIDGE hemostatic forceps 15 cm cvd	1
16	BC-08-376	MOYNIHAN clamp short jaws	4
17	BC-08-321	MIXTER Dissecting forceps 230 mm	1
18	BC-08-375	MIKULICZ peritoneum forceps	2
19	BC-08-382	FAURE periton. forceps sl. cvd.	4
20	BC-04-156	MAYO HEGAR needleholder	1
21	BC-04-160	MASSON needleholder	1
22		PAYR ligature conductor 22 cm	1
23	BC-12-243	probe buttoned 20,0 cm 1,5 mm	1
24	BC-12-248	US Army retractor double pair	1
25	BC-12-275	VOLKMANN retrac. 21,5 cm sharp	2
26	BC-12-300	KOERTE retractor blunt 26x39mm	2
27	BC-12-399	RICHARDSON EASTMAN retractor	1
28	BC-12-455	DEAVER retractor 25x230 mm	1
29	BC-12-462	DEAVER retractor 25x300 mm	1
30	BC-12-463	DEAVER retractor 38x300 mm	1
31	BC-12-464	DEAVER retractor 50x300 mm	1
32	BC-12-465	DEAVER retractor 75x300 mm	1
33	BC-12-423	MIKULICZ retractor 125x50 mm	1
34	BC-12-422	MIKULICZ retractor 155x50 mm	1
35	BC-12-425	KELLY retractor 27,5 cm 160x38 mm	1
36		RIBBON retractor 40x330 mm	1
37	BC-13-217	GOSSET abdominal retractor	1
38	BC-13-220	BALFOUR abdominal retractor	1
39	BC-18-112	THOMS ALLIS forceps 8x9 t. 20,5cm	2
40		Container (with mesh tray)	1

## SPECIFICATION

 <p>Scaple handle no.4</p>	 <p>METZENBAUM scissors cvd</p>	 <p>Forceps dressing</p>
 <p>CUSHING forceps</p>	 <p>Forceps tissue</p>	 <p>WAUGH forceps</p>
 <p>BACKHAUS Towel Forceps</p>	 <p>KELLY hemostatic forceps</p>	 <p>BENGOLEA hemost. forceps</p>
 <p>SPENCER WELLS hemost. forceps</p>	 <p>BAINBRIDGE hemos. frcp str</p>	 <p>BAINBRIDGE hemos. frcp cvd.</p>

 <p>MOYNIHAN clamp short jaws</p>	 <p>MIXTER Dissecting forceps 230 mm</p>	 <p>MIKULICZ peritoneum forceps</p>
 <p>FAURE periton. forceps sl. cvd.</p>	 <p>MAYO HEGAR needleholder</p>	 <p>MASSON needleholder</p>
 <p>PAYR ligature conductor 22 cm</p>	 <p>probe buttoned</p>	 <p>US Army retractor double pair</p>
 <p>VOLKMANN retractor</p>	 <p>KOERTE retractor blunt</p>	 <p>RICHARDSON EASTMAN retractor</p>

 <p>100 x 25 mm (A/B)</p> <p>Deaver BC-13-462 20 cm</p> <p>DEAVER retractor</p>	 <p>MIKULICZ retractor</p>	 <p>Kelly 27.5 cm</p> <p>KELLY retractor</p>
 <p>RIBBON retractor</p>	 <p>150 mm</p> <p>GOSSET abdominal retractor</p>	 <p>250 mm</p> <p>Balfour BC-13-220</p> <p>BALFOUR abdominal retractor</p>
 <p>Thoms-Allis BC-18-112 25.5 cm / 10"</p> <p>Back teeth Back serrations Back dents</p> <p>THOMS ALLIS forceps</p>		



### RNY HEALTHCARE MAYOR SURGERY SET

No.	PRODUCT CODE	DESCRIPTION	QTY
1	BC-01-209	Scalpel handle no. 4	2
2	BC-01-213	Scalpel handle no. 3	1
3	BC-02-123	LEXER scissors curved 16 cm	1
4	BC-02-136	METZENBAUM scissors 15 cm TC	1
5	BC-02-144	METZENBAUM scissors 20 cm TC	1
6	BC-02-143	METZENBAUM scissors 23 cm TC	1
7	BC-02-149	METZENBAUM scissors 18 cm TC	1
8	BC-04-112A	CRILE needleholder	2
9	BC-04-168A	DEBAKEY needleholder TC	2
10	BC-04-154	MAYO HEGAR needleholder	2
11	BC-05-107	Scissors, bl/sh str 14,5cm	1
12	BC-05-226A	METZENBAUM scissors S-shaped	1
13	BC-06-103	Forceps dressing 14,5 cm	1
14	BC-06-177	Forceps tissue 1x2 t. 14,5 cm	2
15	BC-06-179	Forceps tissue 1x2 t. 18,0 cm	2
16	BC-06-239	GERALD forceps 1x2 t. straight	1
17	BC-18-104	ALLIS baby tiss.fcps. 14cm 4x5	1
18	BC-08-110	HALSTED mosquito forceps curved 12,5cm	6
19	BC-08-112	HALSTED mosquito forceps 1x2t.	6
20	BC-08-120	HALSTED mosquito forceps straight 18 cm	2
21	BC-08-225	PEAN hemost. forceps delicate	6
22	BC-08-127	HALSTED mosquito forceps 1x2t.	2
23	BC-08-231	ROCHESTER hemostat.forceps	2
24	BC-08-233	ROCHESTER hemostat.forceps	6
25	BC-08-237	ROCHESTER hemostat.forceps	2
26	BC-08-375	MIKULICZ peritoneum forceps	6
27	BC-08-393	BACKHAUS towel forceps	6
28	BC-08-403	Towel clamp ball and socket	4
29	BC-08-423	GROSS MAIER forceps w.ratchet	2
30	BC-08-426	GROSS MAIER dress.fcps.w.ratch	2
31	BC-08-656	MIXTER baby hemostatic forceps	2
32	BC-08-757	OVERHOLT GEISSENDOERFER	2
33	BC-08-758	OVERHOLT GEISSENDOERFER	2
34	BC-08-759	OVERHOLT GEISSENDOERFER	2
35	BC-12-195	CUSHING retractor 20 cm 16 mm	2
36	BC-12-242	Probe buttoned 2 mm	1
37	BC-12-243	Probe buttoned 2 mm	1
38	BC-12-275A	VOLKMANN retractor 11,5 cm sharp	2







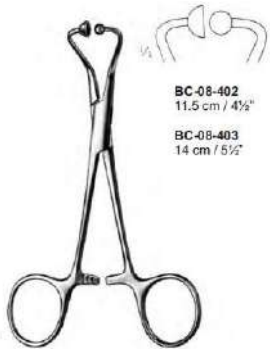







39	<b>BC-12-501</b>	LANGENBECK retractor 21cm 30x14 mm	2
40	<b>BC-12-504</b>	LANGENBECK retractor 21cm 40x11 mm	2
41	<b>BC-12-600</b>	Grooved director	1
42	<b>BC-12-605</b>	KOCHER retractor 21 cm 55x11mm	2
43	<b>BC-12-990</b>	DESCHAMPS needle sharp left	1
44	<b>BC-12-991</b>	KOENIG ligature conductor	1
45	<b>BC-12-995</b>	ROUX retractor double set/3	1
46	<b>BC-12-996</b>	Retractor (tracheal) sharp 2 pr.	2
47	<b>BC-14-479</b>	VOLKMANN bone curette fig.0, 170 mm	1
48	<b>BC-16-600</b>	ALLIS tissue forceps 16 cm atr	1
49	<b>BC-17-123A</b>	Needle case w.partition perf.	1
50	<b>BC-17-141</b>	Needle case round 65 x 15 mm	1
51	<b>BC-17-330A</b>	Round bowl 18/8 diam=80mm	1
52	<b>BC-17-524</b>	Kidney bowl 18/10 medium 25 cm	1
53	<b>BC-17-903</b>	Container 20x12x6" (with mesh tray)	1
54		DEBAKEY Atraumatic forceps 2,0/2,5 mm	2
55		DEBAKEY Atrau fcps. 2,0/2,5 mm	2

RNY

## SPECIFICATION

 <p>Scalpel handle</p>	 <p>LEXER scissors curved BC-02-123 16 cm, 6 1/2"</p>	 <p>METZENBAUM Scissors</p>
 <p>CRILE needleholder Fine BC-04-111 18 cm BC-04-112 20 cm</p>	 <p>DEBAKEY needleholder</p>	 <p>MAYO HEGAR BC-04-154 16 cm</p>
 <p>Scissors BC-05-107 14.5 cm</p>	 <p>METZENBAUM S-shaped BC-05-226 18 cm</p>	 <p>Forceps dressing Standard BC-06-103 145 mm</p>
 <p>Forceps Tissue Standard BC-06-177 145 mm BC-06-179 180 mm</p>	 <p>GERALD forceps Gerald BC-06-239 175 mm</p>	 <p>1/2 HALSTED mosquito</p>



 <p>Halsted-Mosquito <b>HALSTED mosquito</b></p>	 <p>Pean (Rochester) <b>ROCHESTER hemostat forceps</b></p>	 <p>Mikulicz <b>MIKULICZ peritoneum forceps</b></p>
 <p>BC-08-393 16 cm / 6 1/4" <b>BACKHAUS towel forceps</b></p>	 <p>BC-08-402 11.5 cm / 4 1/2" BC-08-403 14 cm / 5 1/2" <b>Towel clamp ball and socket</b></p>	 <p>Gross-Maier <b>GROSS MAIER forceps</b></p>
 <p>Mixer-Baby <b>MIXTER baby hemostatic forceps</b></p>	 <p>Overholt-Geissendorfer <b>OVERHOLT GEISSENDORFER</b></p>	 <p><b>Probe buttoned</b></p>
 <p>Volkmann 22.5 cm BC-12-275 10 x 18 mm (AXB) <b>VOLKMANN retractor</b></p>	 <p>Langenbeck 21 cm <b>LANGENBECK retractor</b></p>	 <p><b>Grooved director</b></p>



 <p>Kocher</p> <p>KOCHER retractor</p>	 <p>DESCHAMPS needle sharp</p>	 <p>KOENIG ligature conductor</p>
 <p>Roux</p> <p>ROUX retractor</p>	 <p>Retractor (tracheal)</p>	 <p>Volkman 17 cm</p> <p>VOLKMANN bone curette</p>
 <p>ALLIS tissue forceps</p>	 <p>Needle case w. partition perf.</p>	 <p>BC-17-141 ø 65 mm x 15 mm</p> <p>Needle case round 65 x 12 mm</p>
 <p>Round bowl</p>	 <p>De Bakey</p> <p>DEBAKEY atraumatic forceps</p>	



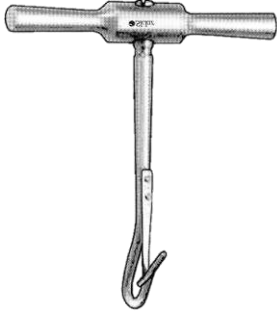





## RNY HEALTHCARE AMPUTATION SURGERY SET

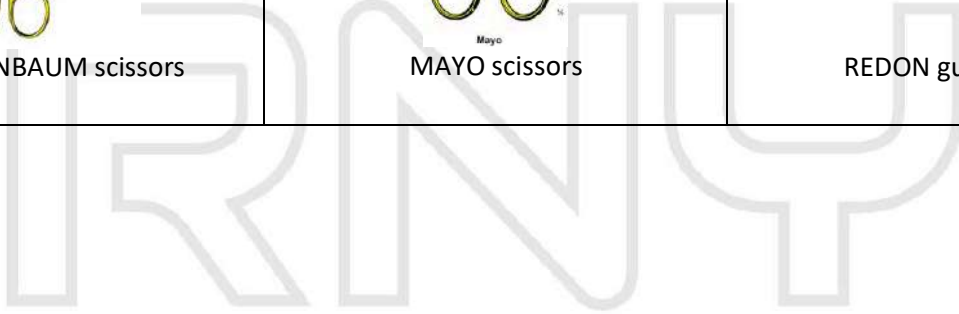
No	Code Product	Description	Qty
1	BC-08-392	BACKHAUS towel forceps	6
2	BC-14-481	VOLKMANN bone curette fig.2 170 mm	1
3	BC-14-482	VOLKMANN bone curette fig.3 170 mm	1
4	BC-08-137	KELLY hemostatic forceps	4
5	BC-08-143	CRILE hemostatic forceps 1x2t.	4
6	BC-08-101	CRILE RANKIN hemo.forceps 1x2t	4
7	BC-06-177	Forceps tissue 1x2 t., 145 mm	2
8	BC-04-109	CRILE WOOD needleholder	1
9	BC-04-155	MAYO HEGAR needleholder	1
10	BC-12-235	FARABEUFG retractor double pair 12 cm	1
11	BC-12-236	FARABEUFG retractor double pair 15 cm	1
12	BC-14-161	JANSEN bone rongeur 17,5 cm, 4 mm	1
13	BC-14-617	SATTERLEE amputation saw 29 cm	1
14	BC-01-209	scalpel handle no. 4	1
15	BC-02-148	METZENBAUM scissors cvd. 14,5 cm	1
16	BC-02-117	MAYO scissors curved 17 cm	1
17		HIBBS Osteotome 24 cm str. 6 mm	1
18		HIBBS Osteotome 24 cm str. 13 mm	1
19		PERCY retractor for amputation	1
20		Spare saw blade for BC-14-617	1
21		GIGLI handle for wire saws	1
22		OLIVECRONA wire saw 50 cm	12
23		REDON guide needle 12 Fr., 19,5cm slightly curved, lancet tip, threaded end	1
24		REDON guide needle 16 Fr., 19,5cm slightly curved, lancet tip, threaded end	1
25		Container (with mesh tray)	1

## SPECIFICATION

 <p>BC-08-392 13 cm / 5"</p> <p>Backhaus</p> <p><b>BACKHAUS</b> towel forceps</p>	 <p>Fig. 2 BC-14-481</p> <p><b>VOLKMANN</b> bone curette</p>	  <p>Kelly</p> <p>BC-08-137 14 cm / 5½"</p> <p><b>KELLY</b> hemostatic forceps</p>
 <p>BC-08-143 14.5 cm / 5¾"</p> <p>Crile</p> <p><b>CRILE</b> hemostatic forceps</p>	 <p><b>Forceps</b> tissue</p>	 <p>Fine BC-04-109 15 cm</p> <p>Crile-Wood</p> <p><b>CRILE WOOD</b> needleholder</p>
 <p>Mayo-Hegar</p> <p><b>MAYO HEGAR</b> needleholder</p>	 <p><b>HIBBS</b> Osteotome</p>	 <p><b>FARABEU</b>F retractor double pair</p>
 <p><b>PERCY</b> retractor for amputation</p>	 <p><b>JANSEN</b> bone rongeur</p>	 <p><b>SATTERLEE</b> amputation saw</p>



 <p>GIGLI handle for wire saw</p>	 <p>OLIVECRONA wire saw</p>	 <p>Scaple handle</p>
 <p>METZENBAUM scissors</p>	 <p>MAYO scissors</p>	 <p>REDON guide needle</p>



# 1 Crank Manual Bed

RN-DS 01 Manual



Dimension (LxWxH) : 2200 x 1200 x 1000  
Weight capacity : 250 kg  
Frame Material : Platform : Plate  
Frame : Pipe Square  
H/F Board : Steel and Wood  
Frame Finishing : Powder Coating  
Transportation Type : Castors with fully 4 lock system  
Mattress : Poly Urethane or Airmate Cpro  
(as requested)

# 3 Crank Manual Bed

RN-DS 03 Manual



Dimension (LxWxH) : 2200 x 1200 x 1000  
Weight capacity : 250 kg  
Frame Material : Platform : Plate  
Frame : Pipe Square  
H/F Board : Steel and Wood  
Frame Finishing : Powder Coating  
Transportation Type : Castors with fully 4 lock system  
Mattress : Poly Urethane or Airmate Cpro  
(as requested)



**TIANG INFUS 4 HOOK  
HR-003**

Dimension H (mm) : Min 1200, Max 2000  
Material : Steel with Chrome Finishing  
with 4 foldable hook  
include iron wheel starbase



# Dental Unit

RN DL-100



## Specification :

- Standard dentist element,
- Tubing for 4 holes turbine,
- Tubing for air motor,
- 3- way syringe with tubing (dentist side),
- Siger built-in scaler E2 with preparation kit,
- Built-in intraoral X-ray film viewer,
- Standard assistant element,
- Detachable Ceramic spittoon (auto cup filler & bowl rinse),
- Kit for warm water boiler for tumbler filler,
- 3-way syringe with tubing (assistant side),
- Hydraulic saliva ejector,
- Pneumatic suction system with hoses,
- VI LED operation light with sensor switch,
- Distilled water and disinfection system,
- Comfort patient chair & double-jointed headrest,
- Multifunctional foot control (pedal or lever type),
- Siger dentist stool,
- Right-handed and Left-handed system,
- 90° Movable spittoon carbinet.



Detachable ceramic spittoon and water let out for cleaning.



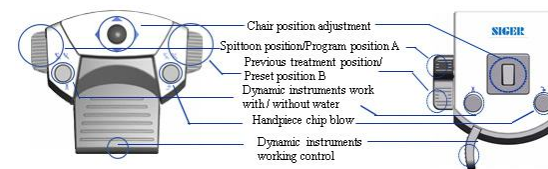
Detachable suction system for cleaning.



Detachable suction system for cleaning.



Autoclavable silicon pad on instrument table.



# Dental Unit

RN DL-200



Assistant element

## Specification :

- Standard dentist element with screen panel,
- Tubing for 4 holes turbine,
- Tubing for air motor,
- 3- way syringe with tubing (dentist side),
- Built-in intraoral X-ray film viewer,
- Standard assistant element with sensor panel,
- Detachable Ceramic spittoon (auto cup filler & bowl rinse),
- Kit for warm water boiler for tumbler filler,
- 3-way syringe with tubing (assistant side),
- Hydraulic saliva ejector,
- Pneumatic suction system with hoses,
- VI LED operation light with sensor switch,
- Distilled water and disinfection system,
- Synchronized excellent comfortable patient chair,
- Linak chair motor system,
- Multifunctional foot control (pedal or lever type),
- Siger dentist stool,
- Right-handed and Left-handed system,
- 90° Movable spittoon carbinet.



Detachable ceramic spittoon and water let out for cleaning.



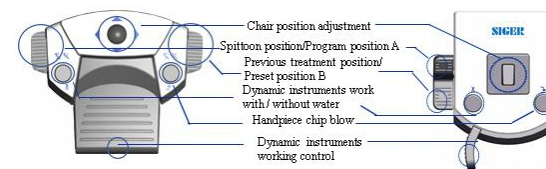
Detachable suction system for cleaning.



Detachable suction system for cleaning.



Autoclavable silicon pad on instrument table.



# Dental Unit

RN DL-30



## Specification :

- Standard dentist element with screen panel,
- Tubing for 4 holes turbine,
- Tubing for air motor, 4 holes,
- 3- way syringe with tubing (dentist side),
- Built-in intraoral X-ray film viewer,
- Standard assistant element with sensor panel,
- Complete Ceramic spittoon (auto cup filler & bowl rinse),
- Kit for warm water boiler for tumbler filler,
- 3-way syringe with tubing (assistant side),
- Hydraulic saliva ejector,
- Pneumatic suction system with hoses,
- VI LED operation light with sensor switch,
- Distilled water and disinfection system,
- Double dual-track patient chair with Italian upholstery,
- Linak chair motor system,
- Multifunctional foot control (pedal or lever type),
- Siger dentist stool.



Detachable ceramic spittoon and water let out for cleaning.



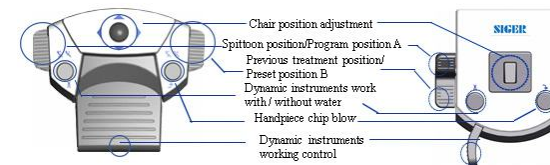
Detachable suction system for cleaning.



Detachable suction system for cleaning.



Autoclavable silicon pad on instrument table.



# Dental Unit

RN DL-60



Assistant element

## Specification :

- Standard dentist element with screen panel,
- Tubing for 4 holes turbine,
- Tubing for air motor, 4 holes,
- 3- way syringe with tubing (dentist side),
- Built-in intraoral X-ray film viewer,
- Standard assistant element with sensor panel,
- Complete Ceramic spittoon (auto cup filler & bowl rinse),
- Kit for warm water boiler for tumbler filler,
- 3-way syringe with tubing (assistant side),
- Hydraulic saliva ejector,
- Pneumatic suction system with hoses,
- VI LED operation light with sensor switch,
- Distilled water and disinfection system,
- Double dual-track patient chair with Italian upholstery,
- Linak chair motor system,
- Multifunctional foot control (pedal or lever type),
- Siger dentist stool.



Detachable ceramic spittoon and water let out for cleaning.



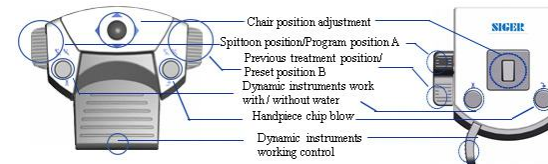
Detachable suction system for cleaning.



Detachable suction system for cleaning.



Autoclavable silicon pad on instrument table.



# Dental Unit

RN DL-90



## Specification :

- Standard dentist element with screen panel,
- Tubing for 4 holes turbine,
- Tubing for air motor, 4 holes,
- 3- way syringe with tubing (dentist side),
- Built-in intraoral X-ray film viewer,
- Standard assistant element with sensor panel,
- Complete Ceramic spittoon (auto cup filler & bowl rinse),
- Kit for warm water boiler for tumbler filler,
- 3-way syringe with tubing (assistant side),
- Hydraulic saliva ejector,
- Pneumatic suction system with hoses,
- VI LED operation light with sensor switch,
- Distilled water and disinfection system,
- Double dual-track patient chair with Italian upholstery,
- Linak chair motor system,
- Multifunctional foot control (pedal or lever type),
- Siger dentist stool.



Detachable ceramic spittoon and water let out for cleaning.



Detachable suction system for cleaning.



Detachable suction system for cleaning.



Autoclavable silicon pad on instrument table.





# Expand Your Scope

The All New **CORE 500™**  
Digital Stethoscope





# CORE 500™ Digital Stethoscope

## Spec Sheet



### Product Information

Name	Eko CORE 500™ Digital Stethoscope
Standard Bundle SKU	COR501
Founders Edition Bundle SKU	COR501FE
Standard Chestpiece SKU	MPN/REF/SKU: COR500 UPC/GTIN-12:850010298160 UDI/GTIN-14: 00850010298160
Founders Edition Chestpiece SKU	MPN/REF/SKU: COR500FE UPC/GTIN-12:850010298214 UDI/GTIN-14: 00850010298214

### Product Features

#### AUDIO

TrueSound™ technology	✓
Sound amplification	Up to 40x
Active noise cancellation	✓
Background noise reduction	Up to 8x vs. typical analog stethoscope
3 audio filter modes	Cardiac, Pulmonary, and Wide
Wireless listening option	✓

#### DATA

Full-color display	✓
Heart rate measurement	✓
Heart sound visualization (PCG)	✓
1-lead and 3-lead ECG visualization	✓
ECG vectors	3
Arrhythmia detection supported by Eko AI	✓
Ability to record, save, and share data	
One-tap pairing with Eko software	✓

#### DURABILITY

Comfortable eartips	✓
Splash resistant	✓
Scratch resistant	✓
Shatter resistant	Tested at a height of 6 feet

### Connection & Storage

Bluetooth wireless connection	Bluetooth 4.2 LE
File formats	.WAV and .PDF

### Technical Specs

Chestpiece and earpiece combined weight	6.6 ounces (186 grams)
Chestpiece and earpiece combined length	27 inches (685mm)
Chestpiece display diameter	1.79 inches (4.57 cm)
Chestpiece height	Height: 1.49 inches (3.78 cm)
Chestpiece weight	3.14 ounces (88 grams)
Diaphragm diameter	1.18 inches (3.0 cm)
Diaphragm thickness	0.0078 inches (0.2 mm)

### Power

Rechargeable lithium-ion battery life	Up to 60 hours of regular clinical use
Power on/off button	✓
Auto sleep mode	✓
Charging method	USB-C

### Construction & Materials

Binaural construction	The earpiece contains 2 speakers positioned at the user's ears similar to a traditional headphone design. Each speaker has a sealed, tuned back volume to control low frequency reproduction and to aid in isolating the user from background noise.
Earpiece connection	The earpiece connects to the chest piece via a TRS jack connector secured in position by a quarter turn locking mechanism.
Diaphragm material	Silicone
IP rating	IP-44
Eartip material	Soft sealing, extra eartips
Headset material	Vinyl tube, silicone eartips, and aluminum stems
Does not contain natural rubber latex or phthalate plasticizers	✓

### Certifications & Licenses

FDA 510k Cleared (Prescription Use Only)
IEC60601-1, IEC60601-1-2, IEC60601-1-11, IEC60601-2-47 Compliant
ISO 13485:2016 Certified (Eko Health)
MDSAP Certified (Eko Health)
HIPAA and GDPR Compliant