



CARDIO-THORACIC SURGERY

AESCULAP® PREMIUM SOLUTION FOR VATS

VIDEO-ASSISTED THORACOSCOPIC SURGERY

AESCULAP® PREMIUM SOLUTION FOR VATS

VIDEO-ASSISTED THORACOSCOPIC SURGERY

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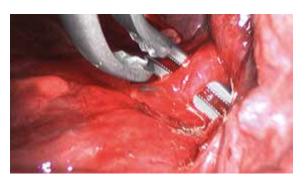
AESCULAP® PREMIUM SOLUTION FOR VATS

VIDEO-ASSISTED THORACOSCOPIC SURGERY













FOREWORD

Minimally invasive thoracic surgery – particularly where anatomic lung resection is concerned – is high-tech surgery that requires a high degree of precision.

To ensure this precision, certain components are required:

- Visualization
- Minimally invasive instruments
- Several options for the treatment of
 - Vessels
 - Parenchyma
 - Bronchus

B. Braun Aesculap® offers solutions that enable complex thoracoscopic operations to be performed safely and cost-effectively with the required precision:

With the new instruments designed specifically for minimally invasive thoracic surgery, you can safely handle any situation during the operation with high precision.
The modular system offers the maximum level of flexibility.
Ergonomic handles with and without ratchet are available. The ratched is easy to lock and can be easily operated with one hand. The ability to take the tube shaft instruments apart makes cleaning them to today's high standards easier.

- The EinsteinVision® 3.0 camera system offers outstanding 3D image quality, enabling anatomical structures to be visualized with greater brilliance.
- Using the Caiman® seal and cut instrument, pulmonary veins and arteries can be safely sealed and cut.
- Clips and classic techniques using suture or (suture) ligature are other options for treating vessels. Practical and proven solutions are also available for these options.

Instruments developed in cooperation with: Dr. Thomas Kiefer, Constance, Germany

Prof. Peter Kleine, Frankfurt, Germany

Prof. Frank Detterbeck, Yale, USA

Dr. med. Thomas Kiefer, MD Head of Thoracic Surgery, Klinikum Konstanz

AESCULAP® PREMIUM SOLUTION FOR VATS

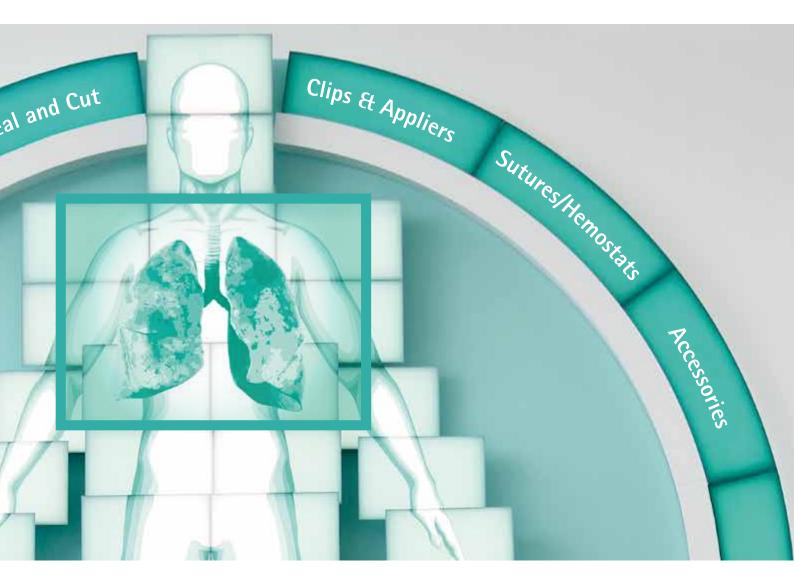
VIDEO-ASSISTED THORACOSCOPIC SURGERY

- B. Braun is a global manufacturer and provider of innovative high-quality products and services to set guiding standards for the healthcare market.
- B. Braun offers effective solutions to protect and improve health sustainably and product systems out of a large portfolio in order to optimize processes and therapies.



Sharing Expertise:

B. Braun promises constructive dialog and collaboration with customers and partners to find solutions that are evolving and progressive. B. Braun is a globally active family company committed to efficient and sustainable behavior.



AESCULAP ACADEMY. Forum for contemporary medicine

Technical developments, new treatment methods, hospital management – the requirements placed on today's medical professionals are varied, which is why high-quality continuing professional development is more important than ever. This is precisely what Aesculap Academy stands for.

Its aim is clear: The Aesculap Academy wants to keep medical and specialist staff in hospitals and practices fit for the future. Founded in 1995 under the B. Braun Group, the Aesculap Academy is seen today around the world as an important forum for medical training and further professional education. It works with an interdisciplinary, independent and international approach and it strives for long-term partnerships. Thanks to tailored and interrelated modules, the participants can continually develop and build up their knowledge and skills throughout their career. This means they are always as well prepared as possible for their daily work and future tasks.



VIDEO-ASSISTED THORACOSCOPIC SURGERY

Innovative, efficient and ergonomic VATS Instruments made by AESCULAP®.

The innovative instrument design enables
Thoracic Surgeons to perform VATS
procedures more efficient and comfortable
and simplifies the daily work of CSSD staff.









FUNCTIONALITY

The instrument design provides an excellent tactile feedback with a high transmission of force at the same time. Preparation and dissection of vascular structures can be performed safe and fast, also with the possibility to work with monopolar HF. 180° rotation by repositioning the instrument shaft is possible.



EFFICIENCY

The uniform design and function across the entire instrument portfolio enable a smooth process and allow the surgeon to focus on the patient rather than on how to use the instrument.



COST-EFFECTIVENESS

The VATS Instruments components can be ordered individually. This means that the components can be replaced easily and quickly on-site instead of being repaired or a new purchase being necessary.

Your advantage: Surgical sets are available again immediately and replacement also may be cheaper than a repair.









ERGONOMIC

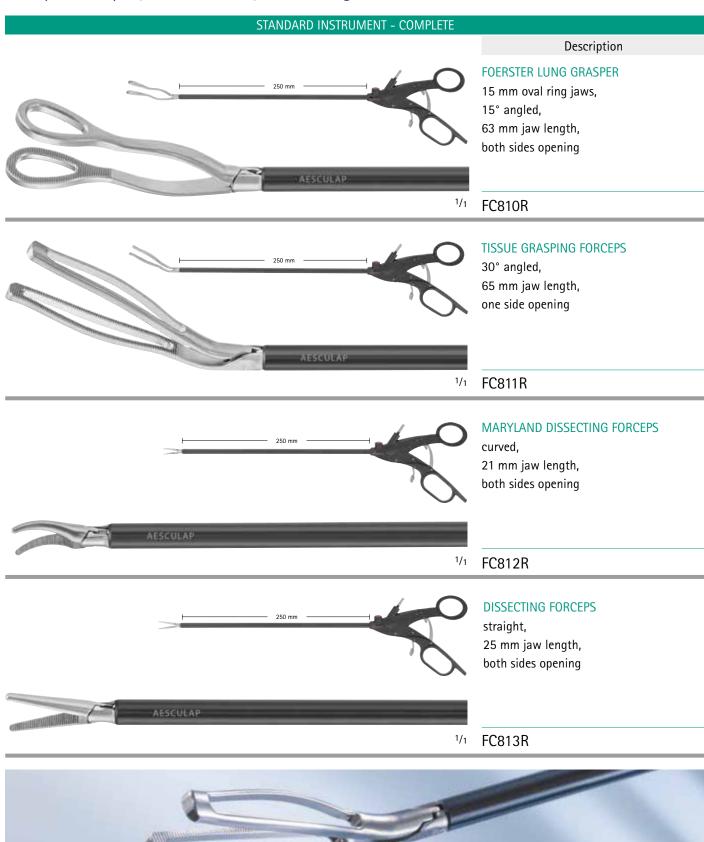
The ergonomic handle with its unique ratchet design allows comfortable working. The ratchet is easy to use with one hand and can be deactivated uncomplicated if necessary.

SAFETY

Hygiene plays a vital role in hospitals. The Aesculap VATS Instruments can be easily disassembled for cleaning, meet today's decontamination requirements and support patient safety.

VIDEO-ASSISTED THORACOSCOPIC SURGERY

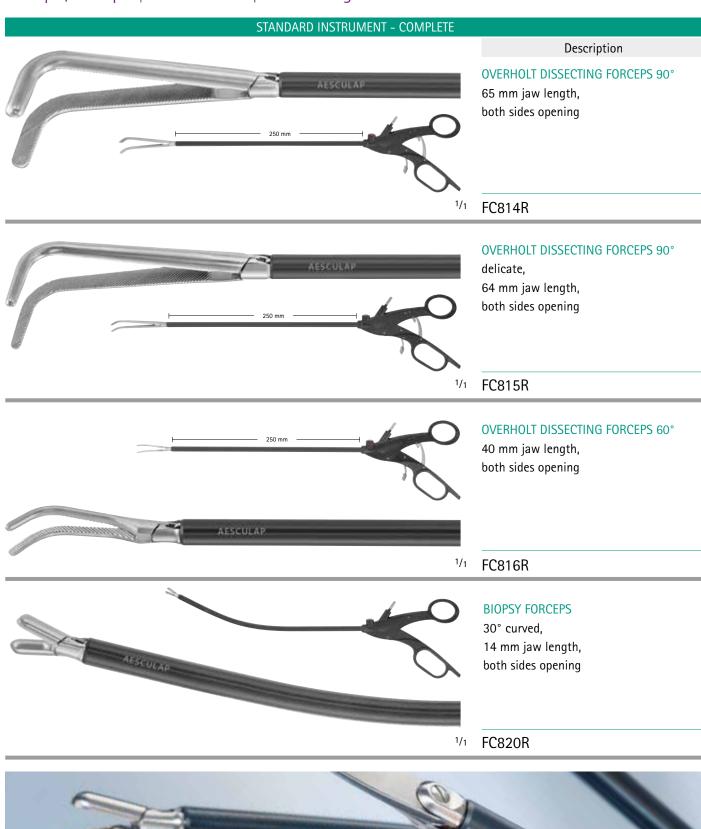
Forceps / Clamps | Diam. 7 mm | Usable length 250 mm

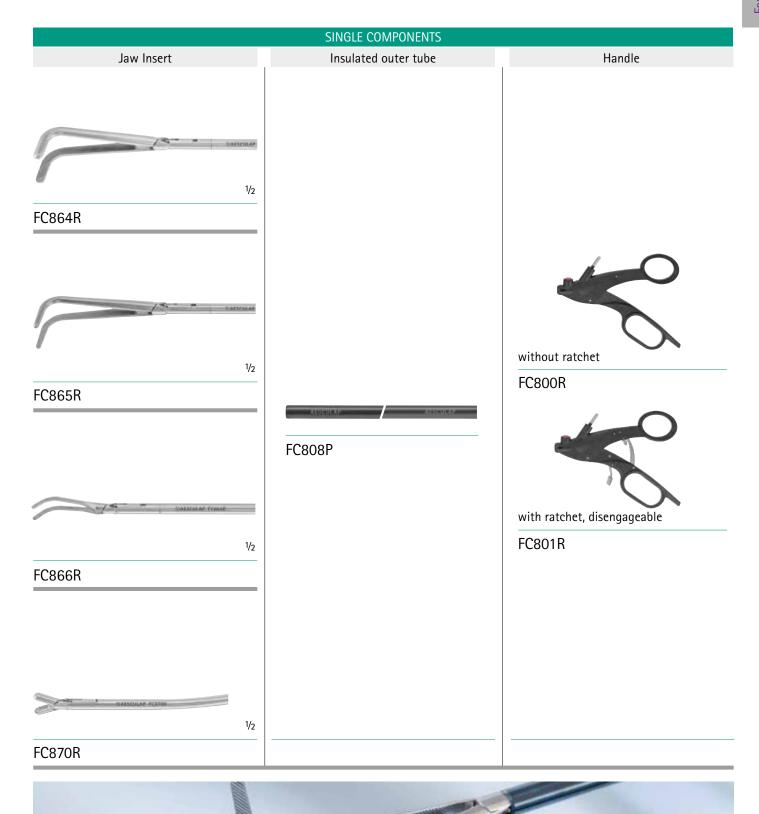


	SINGLE COMPONENTS	
Jaw Insert	Insulated outer tube	Handle
1/2 FC860R	A SECULAR	without ratchet FC800R
T/2 FC862R	FC808P	with ratchet, disengageable FC801R
FC863R		

VIDEO-ASSISTED THORACOSCOPIC SURGERY

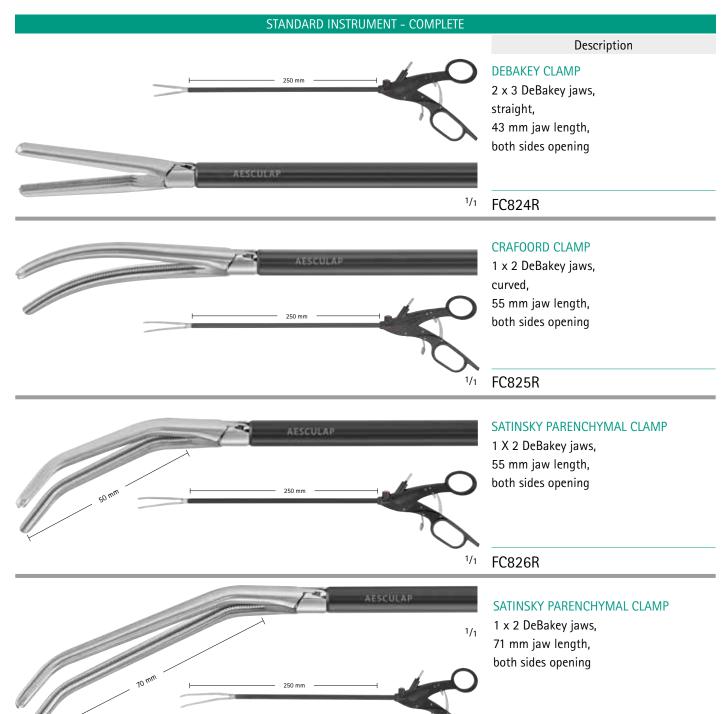
Forceps / Clamps | Diam. 7 mm | Usable length 250 mm





VIDEO-ASSISTED THORACOSCOPIC SURGERY

Forceps / Clamps | Diam. 7 mm | Usable length 250 mm





FC827R

	SINGLE COMPONENTS	
Jaw Insert	Insulated outer tube	Handle
1/ ₂ FC874R		
1/ ₂ FC875R	AFSCULAP AESCULAP	without ratchet FC800R
1/ ₂ FC876R	FC808P	with ratchet, disengageable FC801R
1/ ₂ FC877R		

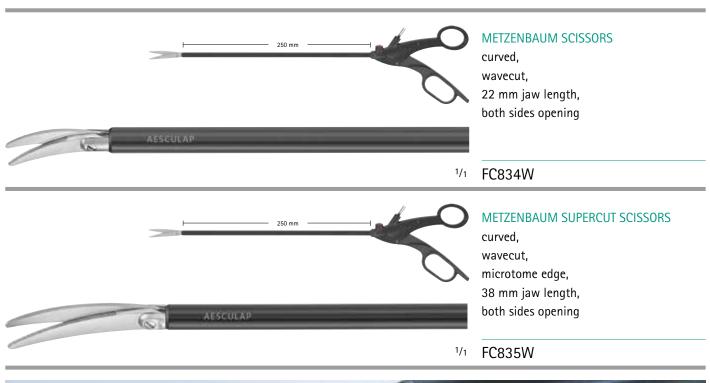
VIDEO-ASSISTED THORACOSCOPIC SURGERY

Forceps / Clamps | Diam. 7 mm | Usable length 250 mm



Scissors | Diam. 7 mm | Usable length 250 mm

The Aesculap VATS scissors are made out of a special steel which results in a very high surface hardness and therefore high wear resistance in daily hospital use.



Wavecut reduces tissue from slipping out during the cutting process.

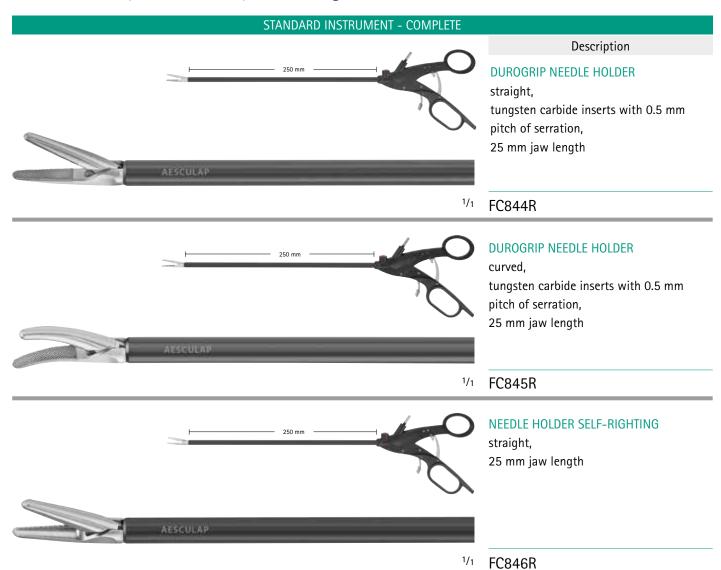
	SINGLE COMPONENTS	
Jaw Insert	Insulated outer tube	Handle
1/2 FC878R	FC808P	without ratchet FC800R
FC884W		with ratchet, disengageable FC801R
1/ ₂ FC885W		

Microtome Edge – the very sharp cutting edge of the scissors blade facilitates gentle cutting of tissue with minimal use of force

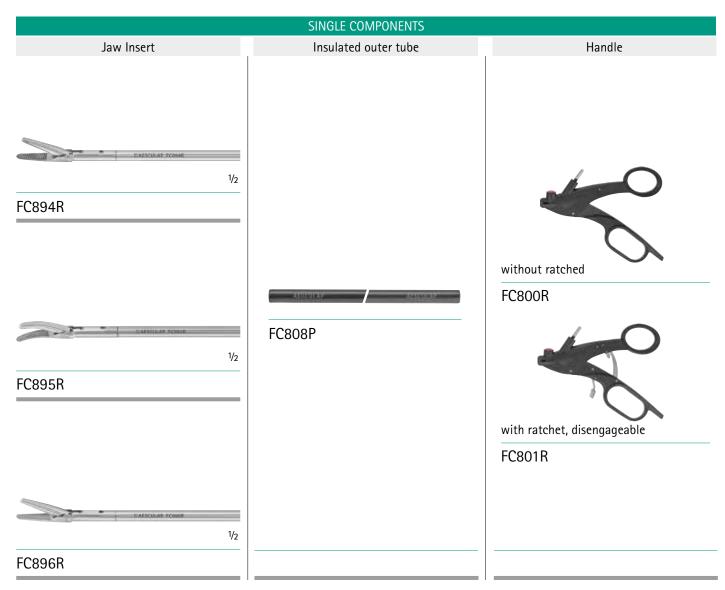


VIDEO-ASSISTED THORACOSCOPIC SURGERY

Needle Holders | Diam. 7 mm | Usable length 250 mm









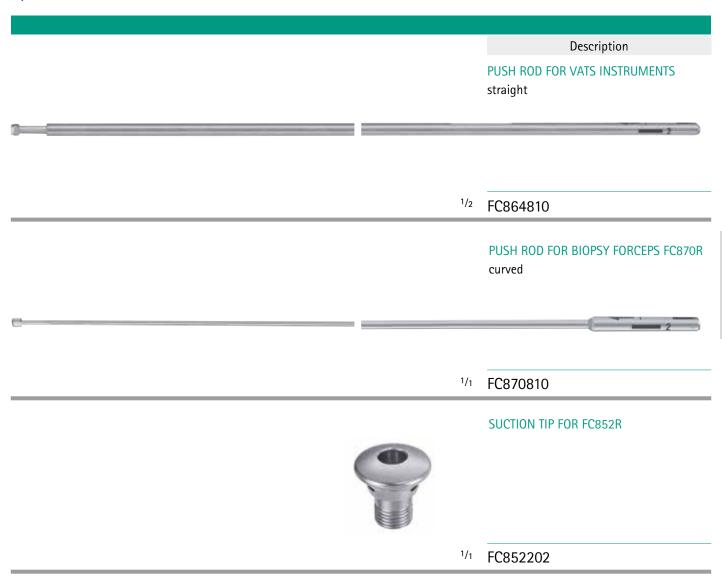
VIDEO-ASSISTED THORACOSCOPIC SURGERY

Additional Instruments



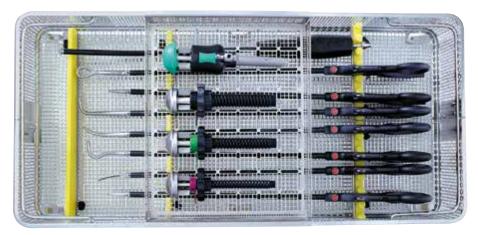


Spare Parts



VIDEO-ASSISTED THORACOSCOPIC SURGERY

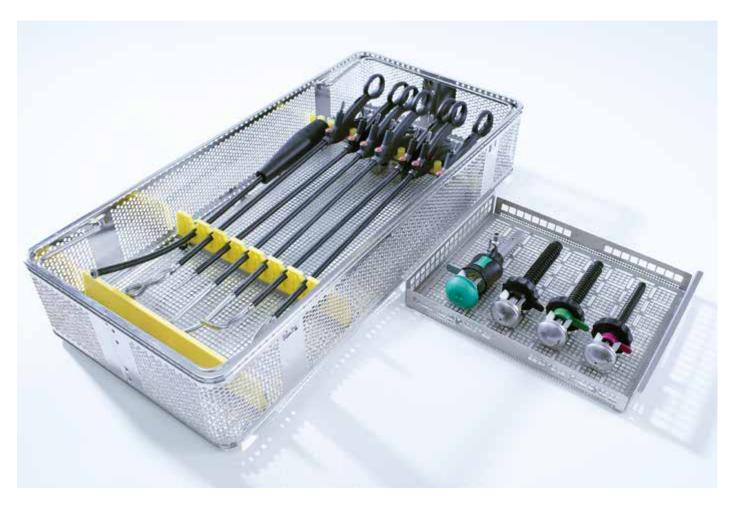
VATS Storage Sample



Description

Example for sterilization and surgical supply

Note: The reprocessing in a tray must be guaranteed on-site by a corresponding validation. If necessary, use additional cleaning aids (e.g. irrigation sleeves).



VATS Storage Sample

Unit	Article Code	Description	Dimension
Tray for VATS Instrum	ents		
1 Piece	JC224R	Aesculap Tray with feet (4mm perofration)	536 x 253 x 100 mm
2 Pieces	JG324	Instrument rack for angled instruments	123 x 45 mm
1 Piece	JG310	Instrument rack type 2	240 x 40 mm
1 Piece	JG360	Silicone divider	243 x 41 mm
Tray for Trocars			
1 Piece	JF110R	Tray insert 1/2 Size	196 x 252 x 34 mm
4 Pieces	JG352R	Metal clamp with silicone inlay	15 - 20 mm
Container			
1 Piece	JK442	Bottom for 1/1 Container	500 v 274 v 125 mm
1 Piece	JK489	Inner Lid, basis, silver	592 x 274 x 135 mm
Others			
1 Package (10 Pieces)	JG300	Fixation Pin for Storage Devices	-
1 Piece	JG302	Screwdriver	-



VIDEO-ASSISTED THORACOSCOPIC SURGERY

Disassembly and Assembly Instructions



Release the locking mechanism on ratchet handle Push the actuating lever forward.



Disconnect shaft and handle

Press the red button, remove the shaft by pulling the instrument shaft out of the handle. IMPORTANT: Do not hold on the movable part of the handle (lower handle component).

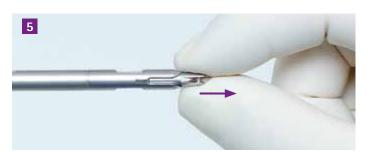


Disassemble shaft IHold the jaw insert at the tip and remove the outer insulation



Disassemble shaft II

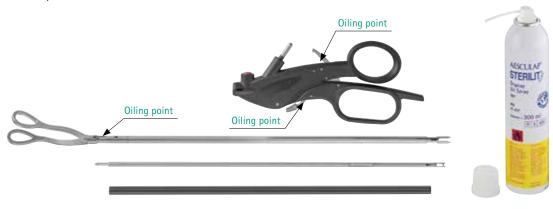
Rotate the push rod 90° counterclockwise.



Disassemble shaft III Remove the push rod.

tube.





JG600 including 2 spray nozzles Aesculap Oil spray in spray cans (CFC-free) for instrument care prior to sterilization

ASSEMBLY 1 Notch Labelling

Assemble shaft I

Slide the push rod into the jaw insert as far as it will go. Making sure that the labelling on the push rod (\leftarrow 1) is in line with the notch of the jaw part.



Assemble shaft II

Rotate the push rod 90° clockwise until it locks into place.



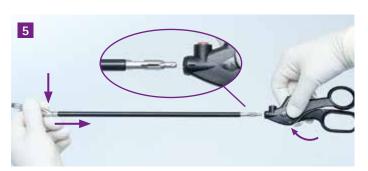
Assemble shaft III

The labelling on the push rod (— 2) is in line with the notch.



Assemble shaft IV

Slide the black outer tube as far as it will go over the jaw insert.



Connect shaft and handle I

Release the locking machanism on the ratchet handle by pushing the actuating lever forward. Hold the tip of the shaft (do not hold on the black outer tube). With the other hand, hold the handle at the labelling. IMPORTANT: Do not touch the moveable part of the handle (lower handle component).



Connect shaft and handle II

Slide the shaft into the handle until it locks into place. Observe the markings. The moveable part of the handel will move down.

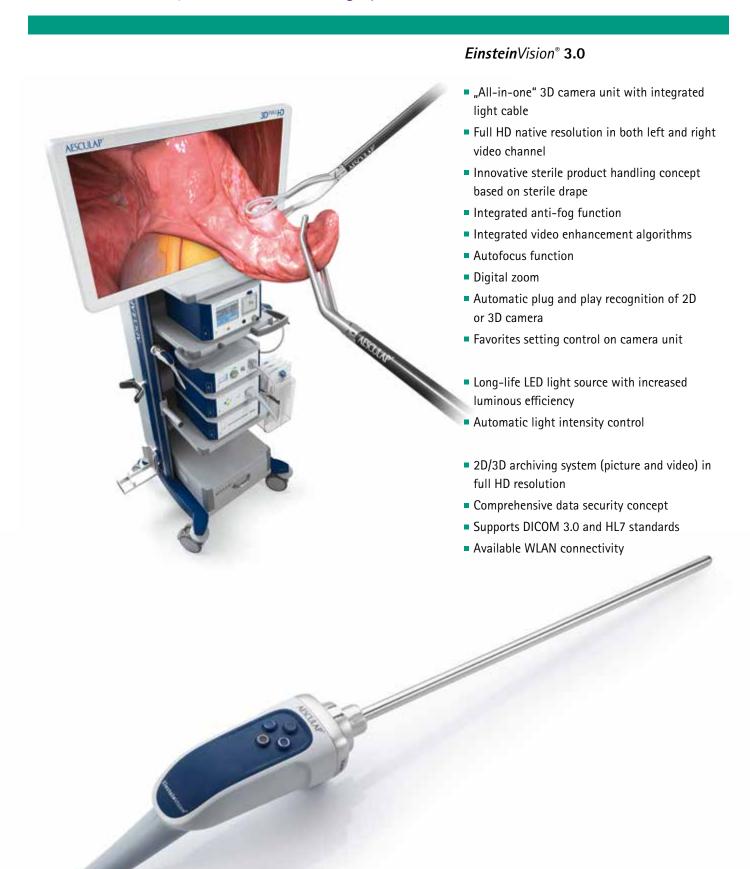
Test the assembly of the instrument by opening and closing the handle to ensure that jaw is opening and closing.



AESCULAP® 3D VISUALIZATION

VIDEO-ASSISTED THORACOSCOPIC SURGERY

EinsteinVision® 3.0 | Benchmark in 3D Surgery



Article no.	Description
PV630	3D camera control unit
PV631	EinsteinVision 3.0 camera head, 0°, 10mm
PV632	EinsteinVision 3.0 camera head, 30°, 10mm
PV641SU	Sterile drape for 0° camera head (pack of 10)
PV642SU	Sterile drape for 30° camera head (pack of 10)
PV482	2D CMOS camera head (optional)
PV646	3D Full HD monitor 32"
OP950	LED light source
PV640	Eddy 3D documentation system
PV904	2D Full HD monitor 21.5"
PV621	3D standard glasses (pack of 15)
PV622	3D anti-fog glasses (pack of 5)
PV623	3D clip-on glasses (pack of 1)
PV624	3D eye shield glasses (pack of 1)
PG150	Flow50 Insufflator (For insufflation accessories please ask for our brochure C94202)
PV800	Trolley (For trolley accessories please ask for our brochure C94402)



For 2D solution refer to brochure C46702



AESCULAP® ADVANCED BIPOLAR SEAL AND CUT

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Caiman®

Caiman is intended to be used as a multipurpose vessel sealing instrument in laparoscopic and open surgery within the surgical fields of general surgery, gynecology, urology and thoracic surgery.

ONE SEAL CONFIDENCE

State of the art vessel sealing with only one energy activation

UNIFORM TISSUE COMPRESSION

Leads to consistent sealing quality from distal to proximal tip*



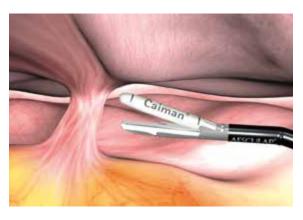
TIP FIRST CLOSURE

Retains tissues within the jaws for improved compression



LONG JAW TIP

Enlarged vessel sealing length and improved surgical efficiency







80° ARTICULATING JAW

The Caiman line are the first RF tissue and vessel sealing instruments with an articulating jaw – providing a more flexible, agile device for surgical procedures.

CAIMAN INSTRUMENTS SEAL vessels up to 7 mm in diameter and feature an average thermal spread of less than 1 mm.* Effectively seals with virtually no adhesion or charring.

Learn more about Caiman Seal and Cut instruments by visiting www.caiman-aesculap.com

TECHNOLOGY

			Shaft diameter	Working length	Pcs per pack	
	CAIMAN 5, NON A	RTICULATING JAW				
	PL718SU** / PL738SU***		5 mm	24 cm	6	
VOW.	PL720SU** / PL740	SU***	5 mm	36 cm	6	
	PL722SU** / PL742	SU***	5 mm	44 cm	6	
	CAIMAN 5, ARTICL	JLATING JAW				
	PL719SU** / PL739	SU***	5 mm	24 cm	6	
A. D. T.	PL721SU** / PL741	SU***	5 mm	36 cm	6	
	PL723SU** / PL743	SU***	5 mm	44 cm	6	
South Property Pains 10	LEKTRAFUSE RF-GI	ENERATOR (WITHOUT MA	AIN CABLE)			
AISCUAP	GN200					
	LEKTRAFUSE RF-GI	ENERATOR ACCESSORIES	;			
	TE780 / TE730	Main Cable, Groundi	ng-type European	plug, 1.5 m / 5 m		
THE RESERVE TO SERVE	TE734	Main Cable for Great Britain and Ireland, 5 m				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TE735	Main Cable for USA,				
	TE676 / TE736	Main Cable, IEC 603	20 connector (non-	-heating equipment), 1 m / 2.5 m	
F 8	GN330	Unit cart with sliding	g handle for electro	osurgical units		
•		W x H x D: 520 x 90	=	-		
	PV951R	Wire basket				
9 9		W x H x D: 370 x 225 x 285 mm				
-	GN201	Single pedal foot sw	itch for GN200			



- ** Ordering number for the following countries: CN, KR, BR, JP, RU, BO, CO, MY, SG, AR, EC, TW
- *** Ordering number for the following countries: UK, DE, FR, ES, PL, IT, SE, CZ, NL, BE, LU, PT, AT, CH, BA, DK, FI, IE, SK, NO, TR, HU, RO, BG, CY, SI, GR, KZ, US, ID, PH, AU, NZ, HK, MX, PE, AZ, CL, JO, KW, LY, NC, IN

AESCULAP® LIGATION CLIPS

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Challenger® Ti-P - first pneumatic driven multifire clip system





First pneumatic driven multifire clip applicator

- Simple disassembly
- Innovative technology pneumatic clip loading
- Reposable System reusable applier and single use clip cartridge
- One System with different shafts



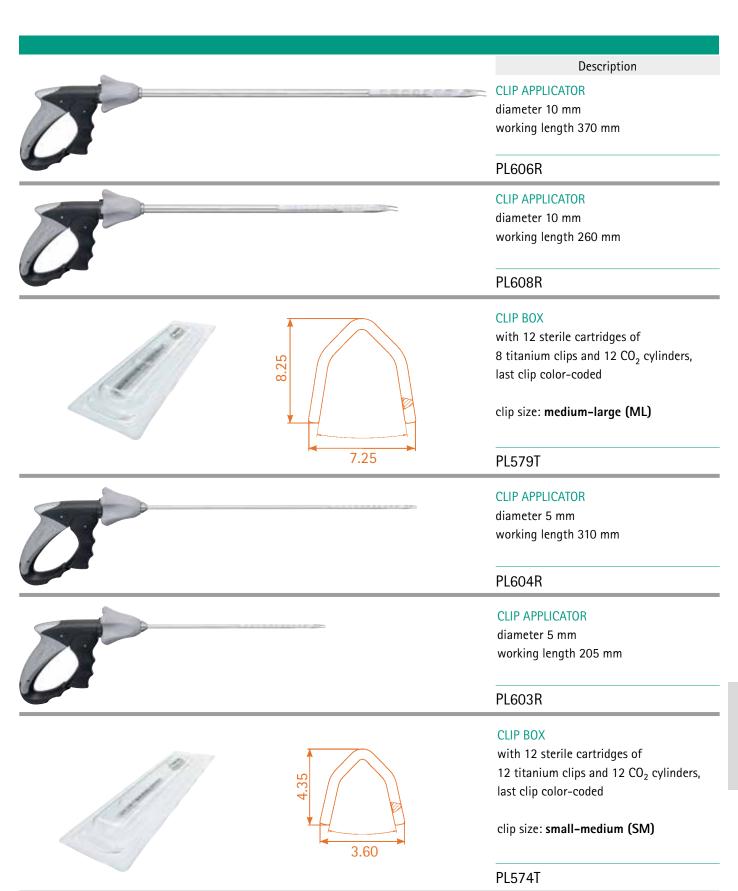
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 Diamond-shaped inner clip profile provides an enlarged contact surface The special closing characteristic of the clip allows a repositioning of the clip and reduces undesirable tissue slippage out of the clip



AESCULAP® LIGATION CLIPS

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Titanium Ligation Clips



Tip-first closing characteristic of the clips





The AESCULAP® clip appliers offer the following advantages:

- Narrow, delicate instrument tips enable an improved overview
- Product variety versatile application due to wide product portfolio
 - 150 mm, 203 mm and 280 mm instrument lengths
- 25°, 65° and 90° jaw angulation
- Color coding simplifies the identification of suitable clip appliers and cartridges

The clip appliers in conjuction with the proven AESCULAP® Titanium Ligation Clips, a reliable combination!

- Diamond-shaped inner clip profile provides an enlarged contact surface
- The special closing characteristic of the clip reduces undesirable tissue slippage out of the clip
- Special soft load clip cartridge for easy clip release
- Indentations on the cartridge sides for more reliable handling
- Adhesive surface on the cartridge for a strong hold

Diamond-shaped inner clip profile



	Color code	1:1 Illustration	Article code	pack of
SMALL		4 <u>.1 mm</u> 3.6 mm	PL565T	30 cartridges of 6 clips
MEDIUM		6.2 mm [5.8 mm	PL567T	30 cartridges of 6 clips
MEDIUM-LARGE MEDIUM-LARGE (Z)		7.8 mm 8.9 mm	PL568T	20 cartridges of 6 clips
LARGE LARGE (Z)		10.3 mm	PL561T	20 cartridges of 6 clips

Clip Appliers

SMALL	FB222R	FB223R	FB226R	FB224R	FB227R	
Angled	25°	25°	65°	25°	65°	
Length	150 mm	203 mm	203 mm	280 mm	280 mm	
MEDIUM ———	FB234R	FB235R	FB238R	FB236R	FB239R	
Angled	25°	25°	65°	25°	65°	
Length	150 mm	203 mm	203 mm	280 mm	280 mm	
MEDIUM-LARGE	FB240R	FB243R	FB254R	FB242R	FB245R	FB255R
Angled	25°	65°	90°	25°	65°	90°
Length	203 mm	203 mm	203 mm	280 mm	280 mm	280 mm
LARGE	FB246R	FB249R	FB252R	FB248R	FB251R	FB253R
Angled	25°	65°	90°	25°	65°	90°
Length	203 mm	203 mm	203 mm	280 mm	280 mm	280 mm

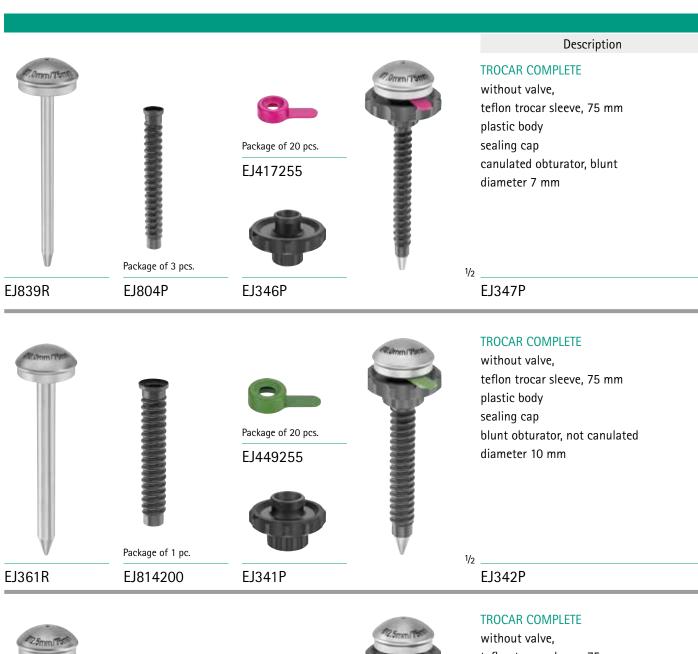
Endoscopic Clip Appliers

MEDIUM	PL504R
Shaft diam.	10 mm
Length	330 mm
MEDIUM-LARGE	PL503R
Shaft diam.	10 mm
Length	330 mm
LARGE	PL528R
Shaft diam.	12 mm
Length	330 mm

AESCULAP® ACCESSORIES

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Thoracoscopy Trocars | 75 mm length







Description

EINSTEIN VISION 2.0 TROCAR SLEEVE

smooth, with tap diameter 10 mm working length 60 mm

1/2

EK043R



TROCAR PIN

conical blunt diameter 10 mm length 110 mm

1/2

EK058R



UNIVERSAL SEALING UNIT

for trocars with diam. 10/12 mm 20 units accomodates 5 -12 mm instruments

1/2

EK002SU



SEALING UNIT

for trocars with diam. 10/12 mm accomodates 10 - 12 mm instruments

1/2

EK086P

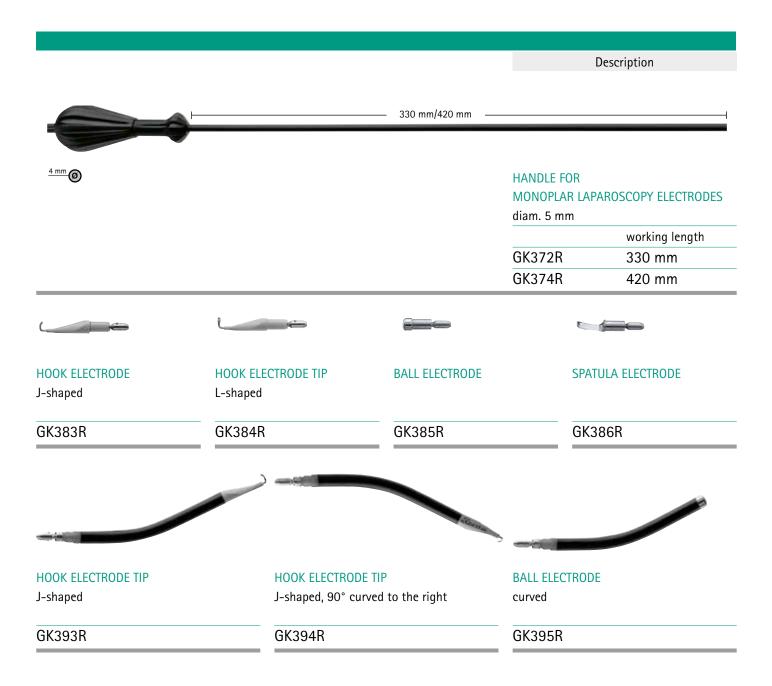
AESCULAP® ACCESSORIES

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Monopolar Electrodes

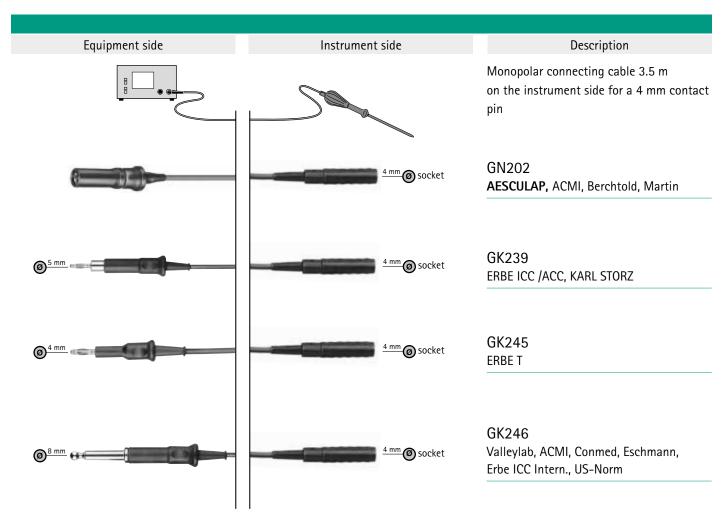


- Heat resistant outer tube insulation



VIDEO-ASSISTED THORACOSCOPIC SURGERY

Monopolar Connecting Cable



Accessories



GK299

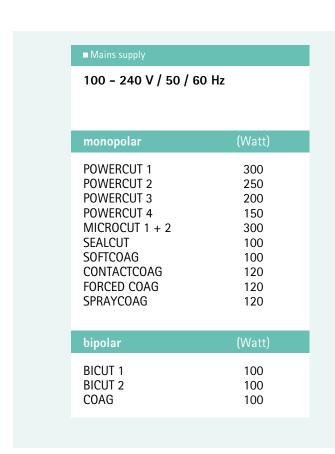
Wire brush for cleaning the electrodes

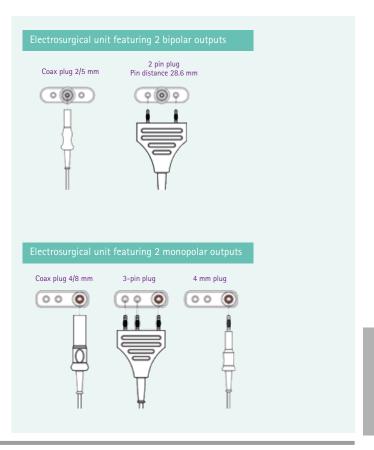
Units



Description **GN640** Nelson® deluxe Electrosurgical generator, monopolar/bipolar **FEATURES** - Starts with the push of a button - Individually programmable (e.g., according to indication or surgeon) - 14 separate memories - Clear information display in color - Monopolar and bipolar cutting and coagulating - Freely selectable cutting quality - Safety features - Nelson deluxe automatically recognizes

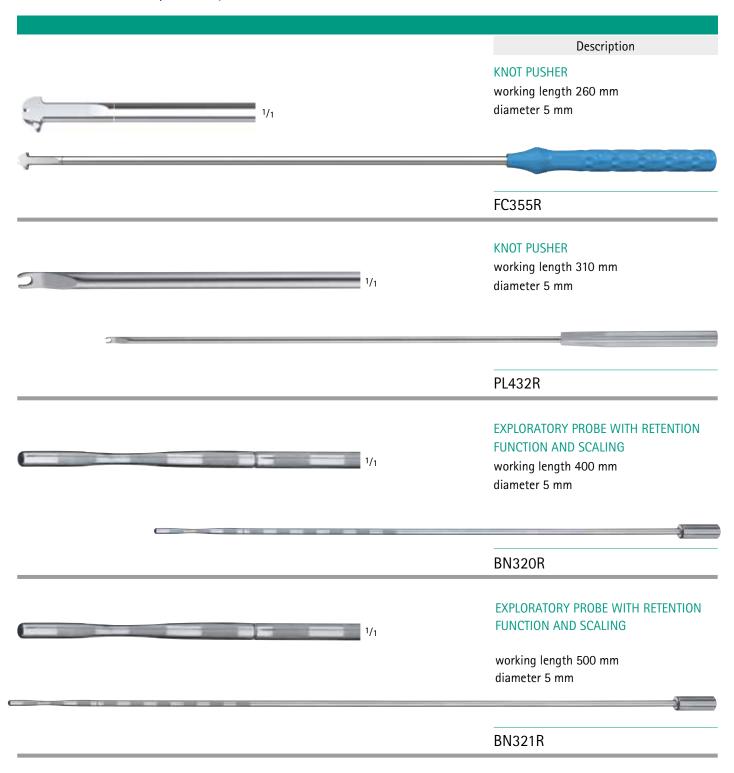
coded instruments





VIDEO-ASSISTED THORACOSCOPIC SURGERY

Knot Pusher and Exploratory Probes



Retrieval Bag - Single use product

Cat. No.	Description	Size (mm)	Volume (ml)	Trocar Ø (mm)	Pieces/Pack
EJ022SU	Retrieval bag with memory wire	85 x 160 mm	210 ml	10 mm	10 pieces
EJ023SU	Detachable retrieval bag	90 x 150 mm	260 ml	10 mm	5 pieces
EJ024SU	Detachable retrieval bag	130 x 170 mm	720 ml	10 mm	5 pieces
EJ025SU	"Simple" retrieval bag	76 x 150 mm	200 ml	10 mm	20 pieces



Retrieval bag with memory wire

- Easy intra-abdominal opening and insertion of tissue
- Simple intra-abdominal closure
- Especially stable, transparent bag
- Tapered bag design for easier removal
- For use with 10 mm trocars
- Insertion sleeve for easy insertion
- Bag volume 210 ml

Detachable retrieval bag

- Self-opening with metal ring
- Bag volume 260 ml and 720 ml
- Bag can be opened and closed intraoperatively
- Bag can be intraoperatively detached
- Especially stable, transparent bag
- For use with 10 mm trocars
- Insertion sleeve for easy insertion

"Simple" retrieval bag

- Simple, low-cost retrieval bag
- Red cord for secure bag holding
- Especially stable, transparent bag
- For use with 10 mm trocars
- Insertion sleeve for easy insertion
- Bag volume 200 ml

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Sutures and Hemostats



B. Braun offers a wide range of absorbable sutures, non-absorbable sutures, customized surgical procedures sutures sets (Pro-Set) and special suture sets, as well as a comprehensive range of meshes, biosurgicals and other products for wound closure.

Absorbable

Novosyn[®]



Advantages	Product overview	
■ Smooth knot run-down	Structure	Multifilament, braided
 Gentle knot repositioning 		
High knot holding capacity		
 Minimized inflammatory reaction 	Colour	Violet or undyed
	Chemical composition	Poly(glycolide-co-l-lactid 90 / 10)
	Coating	Poly(glycolide-co-l-lactid 35 / 65) + calcium stearate
	Origen	Synthetic
	Sizes	USP 2 (metric 5) - USP 8 / 0 (metric 0.4)
	Type of absorption	Hydrolysis, complete mass absorption in 56 to 70 days
	Sterilisation	Ethylene oxide

Absorbable

Monosyn®



Advantages	Product overview		
Ideal degradation profile for soft tissue	Structure	Monofilament	
■ Smooth tissue passage			
Easy handling			
High knot-pull tensile strength	Colour	Violet or undyed	
Excellent knot security	Chamical as masitism	Glyconate (72 % glycolide, 14 % trimethylene	
Rapid mass absorption	Chemical composition	carbonate, 14 % E-caprolactone)	
·	Chemical composition Coating Origin	Uncoated	
	Origin	Synthetic	
	Sizes	USP 7/0 (0.5 metric) to USP 2 (5 metric)	
	Type of absorption	Absorption by hydrolysis	
	Sterilisation	Ethylene oxide	

MonoPlus[®]



Advantages	Product overview			
High knot tensile strength	Structure	Monofilament		
 Outstanding strength retention for extended wound support 				
 Very flexible Pliable and easy to knot Smooth passage through tissue 	Colour	Violet		
	Chemical composition	Polydioxanone Uncoated		
	Coating			
	Origin	Synthetic		
	Sizes	USP 7/0 (0.5 metric) to USP 2 (5 metric)		
	Type of absorption	Absorption by hydrolysis		
	Sterilisation	Ethylene oxide		

VIDEO-ASSISTED THORACOSCOPIC SURGERY

Sutures and Hemostats

Non-Absorbable

Optilene®



Advantages Product overview Monofilament Structure ■ Top level consistent tensile strength Excellent surface and smoothness Controlled knot run down Small tissue drag; Reengineered elasticity ■ Controlled suture elongation Blue Colour Increased pliability Chemical composition Polypropylene and polyethylene Good handling and knot tightness Uncoated Coating Improved thread visibility Origin Synthetic Low memory effect Sizes USP 10/0 (0.2 metric) to USP 0 (3.5 metric) CV Pass and CV Pass EasyBlack needles

Type of absorption

Sterilization

Surgical Loop



Product overview

Structure	Tube		
0.1	MOS III III		
Colour	White, blue, yellow, red		
Chemical composition	Silicone		
Coating	Uncoated		
Origin	Synthetic, natural		
Sizes	1.5 - 2.5 mm (silicone)		
Type of absorption	Non-absorbable		
Sterilisation	Ethylene oxide		

Non-absorbable

Ethylene oxide

C-		/ code
1 (1)	mur	i cone

Diameter	Length	Units / box	white	blue	yellow	red
1.5 mm	2 x 45 cm	24	B1095048	B1095021	B1095030	B1095013
1.5 mm	75 cm	24	B1095242	B1095226	B1095234	B1095218
2.5 mm	2 x 45 cm	24	B1095145	B1095129	B1095137	B1095110
2.5 mm	75 cm	24	B1095544	B1095528	B1095536	B1095510

Hemostats

Lyostypt®



Lyostypt® is a collagen hemostat indicated for topical hemostasis in cases of capillary bleeding, oozing hemorrhages, suture hole bleeding and as a supportive measure for other hemostatic techniques.

Lyostypt® demonstrated its better hemostatic performance and easier handling versus oxidized regenerated cellulose in the COBBANA trial.

Lyostypt®

- Collagen hemostat
- Fleece presentation

Benefits

- Immediate attachment to bleeding site
- Repositioning possible
- Excellent hemostasis
- Biocompatible
- Cost-effective
- Can be combined with fibrin glue² and/or antibiotics
- Absorbable

Indications

- Capillary bleeding
- Oozing
- Suture hole bleeding

Cellistypt®



Cellistypt® is an oxidized resorbable cellulose hemostat of 100 % vegetal origin, available in three different formats which allows you to choose the most suitable one for every occasion.

Benefits

- Easy to use
- Biocompatible
- Absorbable
- Adaptable
- Free of human and animal components

Indications

For hemostasis of capillary bleeding, oozing and minor venous and arteriolar bleeding

Cellistypt[®]

- Basic format
- Flexible
- Can be cut or folded
- Can form a scarf around anastomoses

Cellistypt® D-K

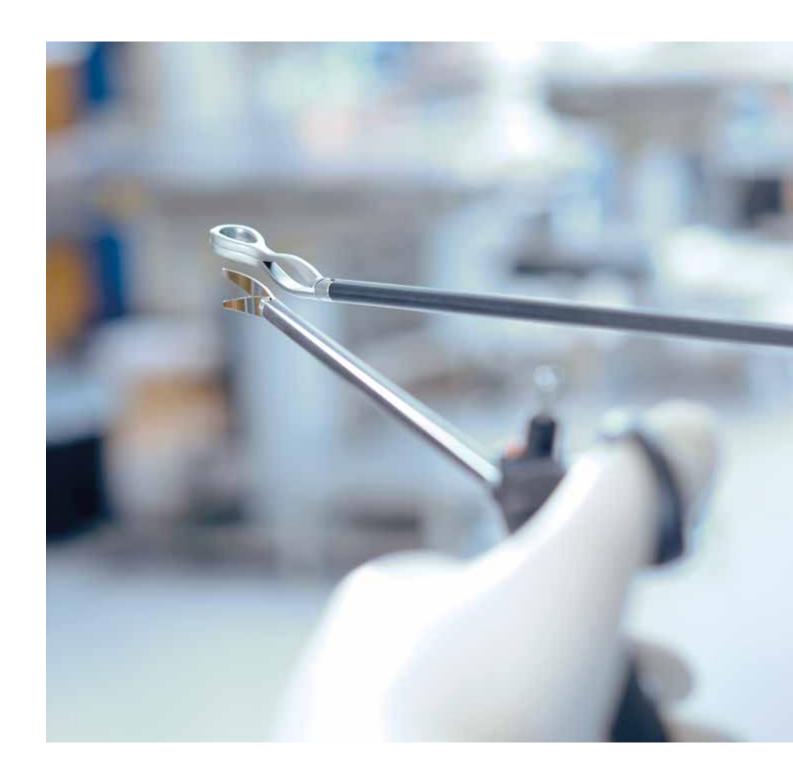
- Dense knitted format
- Can be used to wrap organs and structures
- Can be sutured

Cellistypt® F

- Fibrillar format
- Versatile
- Can be applied in small layers
- Easy to position in hard to reach places

AESCULAP® PREMIUM SOLUTION FOR VATS

VIDEO-ASSISTED THORACOSCOPIC SURGERY





This brochure includes several products, independently of one another. For the exact indication, please refer to the respective instructions for use at https://extranet.bbraun.com.

AESCULAP® - a B. Braun brand

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