



# evomed evoscope

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## Family of Endoscopic Products

EVOMED, offers a growing range of laparoscopic access devices that aim to meet the majority of diverse laparoscopic surgical needs. In the development of these products primary focus is on absolute safety to the patient achieved through ergonomic design and ease of use.

*Please contact us for any additional information on any of the evomed products.*

## evoport Family of Trocars

The **EVOPORT Family of Endoscopic Trocars** offers a selection of sterile single patient use access ports for endoscopic cameras and instruments that are defined by the characteristics of three different types of obturators designed specifically with patient

safety, surgeon preference and endoscopic access technique in mind. All trocars are designed to provide maximum safety, less tissue trauma and greater stability.

The choice of obturators include either a dilating tip automatic safety shielded tip, a bladeless conical tip, or optical conical tip, and combine with a detachable **EVOSEAL** universal sealing system and **EVOSLEEVE** radiolucent cannula, all with an integrated stability thread design, CO2 gas stopcock and universal luer lock connection to create your three trocar sets as required for safe access. The **EVOPORT Trocars** are available as 5.5 mm, 11 mm and/or 12 mm diameter in either 100 cm or 150 cm's lengths.



evoshield – Dilating Tip  
Safety Shield



evoglide – Dilating Tip  
Bladeless



evoview – Dilating Tip  
Bladeless Optical

## evoport

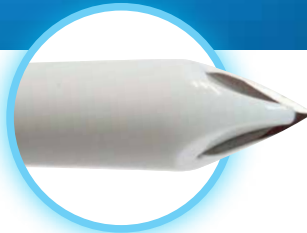
FEATURES	ADVANTAGES	BENEFITS
Selection of shielded, bladeless and optical trocars	Offers varying degrees of safety thus reducing the risk of inadvertent tissue and visceral damage, especially at "blind" port entry	Provides choice of access techniques based on surgeon preference and patient specific conditions
Dilating tip obturator design	Reduced unnecessary fascial incision required at entry	Enhances post-operative wound closure
Smooth obturator and bevelled cannula transition zone	Avoids peritoneal tenting and promotes ease of insertion	Prevents creating of pre-peritoneal space and facilitates rapid abdominal access
Spray back chamber created by EVOSEAL external seal and EVOSLEEVE inner seal	Minimises loss of gas when performing multiple instrument exchanges and traps spray back of abdominal gas contents	Maintains pneumoperitoneum pressure and reduces contamination of theatre environment with blood and air born pathogens
Reduced instrument drag force	Easier manipulation of instruments	Direct and controlled approach to target tissue

## evoshield

### Dilating Tip Auto Shield Trocar

The benefits of using shielded trocars, particularly for the “blind” primary port, are well established amongst the laparoscopic surgical community.

The **EVOSHIELD Dilating Tip Auto Shield Trocar** set comprises an obturator with **sharp flat bilateral linear blade and retractable safety shield**, the **EVOSEAL** universal seal and **EVOSLEEVE** cannula. Together this creates a trocar that, due to the limited exposure of the bilateral blades (1-2mm) and dilating feature of the obturator (creates a wound puncture of 3-6mm), provides both protection to internal viscera from potential injury after traditional insertion technique, and reduction of port size incision and requirement for fascial closure, reducing potential for port site hernia.



SHARP FLAT BILATERAL  
LINEAR BLADE



RETRACTABLE SAFETY  
SHIELD



## evoglide

### Dilating Tip Bladeless Trocar

Avoiding the potential for internal visceral injuries, particularly in more challenging laparoscopic procedures and patient anatomy, remains a top priority for the laparoscopic surgical community.

The **EVOGLIDE Dilating Tip Bladeless Trocar** set was developed with new features to provide even greater safety, stability and reduced tissue trauma, and comprises a **steerable bladeless conical obturator**, combined with the reliable **EVOSEAL** universal seal and **EVOSLEEVE** cannula. This trocar facilitates smooth and relatively low force controlled insertion, through separation, rather than cutting, of tissue fibres and along planes, using bilateral atraumatic tissue dissecting fins, thus limiting tissue trauma, providing increased safety and reducing fascial defect, reducing potential for port site hernia even further.



STEERABLE BLADELESS  
CONICAL OBTURATOR



DILATING TIP OBTURATOR  
DESIGN



## evoview

### Optical Trocar

The epitome of safety at access is the ability to visualise all abdominal tissue layers en route into the cavity.

The **Evoview Optical Trocar**, is a premium trocar employing the same safety design profile and features of the **dilating tip bladeless trocar**, but now using a **bladeless conical obturator with a highly polished clear optical distal lens**, allowing the surgeon to navigate through tissue layers during insertion under continuous direct vision, avoiding any vascular structures. The surgeon may now insert a zero degree endoscope lens into the obturator, lock it in position and together insert through the abdominal wall under vision, providing the highest level of safety. The trocar set is completed when combined with the reliable **EVOSEAL** universal seal and **EVOSLEEVE** cannula.



HIGHLY POLISHED CLEAR  
OPTICAL DISTAL LENS

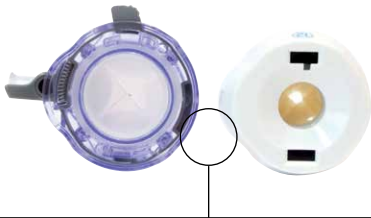


BLADELESS CONICAL  
OBTURATOR

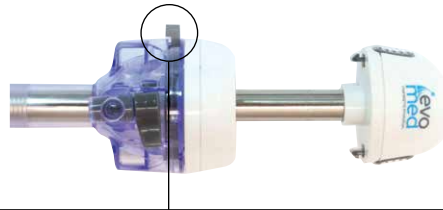


## evoseal

FEATURES	ADVANTAGES	BENEFITS
Multi seal	Accommodates multiple diameter sized instruments (3-12mm), subject to trocar size	Allows quick exchange of instruments without having to change seals or trocars
Durable	Maintains gas insufflation	Minimises loss of gas for longer procedures
Quick release detachable	Allows extraction of larger tissue specimens	Facilitates quick removal without damaging EVOSEAL
Funnel shaped access port	Assists with guiding of instruments into trocar during instrument exchange	Improves flow of procedure



**MULTI SEAL**



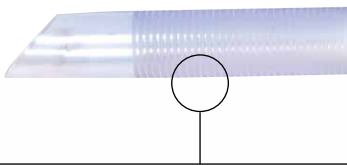
**DURABLE & QUICK RELEASE DETACHABLE**



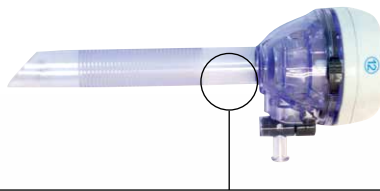
**FUNNEL SHAPED ACCESS PORT**

## evosleeve

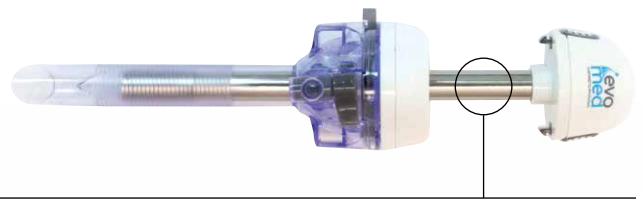
FEATURES	ADVANTAGES	BENEFITS
Integrated stability threads	Offers precise abdominal wall positioning and retention	Minimises trocar slip outs, loss of pneumo and visualisation
Transparent cannula sleeves	Allows visualisation of instruments and tissue being passed through cannula	Assists with identifying position of instrument, tissue and potential "missing" needle location



**INTEGRATED STABILITY THREADS**



**TRANSPARENT CANNULA SLEEVES**






**COMMON SLEEVE**


Different combinations of trocars (including the **EVOPNEU** gas insufflation needle) may be made available as an **EVOPAK**.



## evoport Trocars

	PRODUCT SPECIFICATIONS	PRODUCT REFERENCE	DIAMETER (mm)	LENGTH (mm)
	evoshield Dilating Tip Auto Shield Trocar	<b>LT-05</b>	5 mm	100 mm
	evoshield Dilating Tip Auto Shield Trocar	<b>LT-510</b>	11 mm	100 mm
	evoshield Dilating Tip Auto Shield Trocar	<b>LT-512</b>	12.5 mm	100 mm
	evoglide Dilating Tip Bladeless Trocar	<b>LDT-05</b>	5 mm	100 mm
	evoglide Dilating Tip Bladeless Trocar	<b>LDT-510</b>	11 mm	100 mm
	evoglide Dilating Tip Bladeless Trocar	<b>LDT-512</b>	12.5 mm	100 mm
	evoglide Dilating Tip Bladeless Trocar	<b>LDT-05 L</b>	5 mm	150 mm
	evoglide Dilating Tip Bladeless Trocar	<b>LDT-510 L</b>	11mm	150 mm
	evoview Optical Trocar	<b>LOP-05</b>	5 mm	100 mm
	evoview Optical Trocar	<b>LOP-510</b>	11 mm	100 mm
	evoview Optical Trocar	<b>LOP-512</b>	12.5 mm	100 mm

## evosleeve Cannula Sleeves

	PRODUCT SPECIFICATIONS	PRODUCT REFERENCE	DIAMETER (mm)	LENGTH (mm)
	evosleeve with evoseal and integrated Thread	<b>CLT-05</b>	5 mm	100 mm
	evosleeve with evoseal and integrated Thread	<b>CLT-510</b>	11 mm	100 mm
	evosleeve with evoseal and integrated Thread	<b>CLT-512</b>	12.5 mm	100 mm



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