



AESCULAP[®] TROCAR SOLUTION

REUSABLE AND HYBRID SYSTEMS

AESCULAP® TROCAR SOLUTION



Ø 12 mm



COMBINES

the advantages of reusable trocars with the high functionality of single-use components.

The Aesculap dilating trocar pin meets the TRBA 250 safety standards and the Ordinance of Biological Agents.*

Ø 3.5 mm



*Source: Expert opinion on Aesculap® Single Use Trocar Obturators, Prof. Dr.-Ing. Andreas Wittmann, University of Wuppertal



Ø 10 mm



Ø 5 mm



Ø 3.5 mm



SIMPLE

- low instrument friction
- firm hold in the abdominal wall
- easy to clean, as the system can be fully disassembled

MODULAR

- individual combination of the system based on a reusable trocar sleeve
- choice between a single-use universal seal and a reusable sealing unit with flap converter
- choice between single-use dilating trocar pins and reusable standard trocar pins

EXCEPTIONAL

- safe insertion into the abdomen with dilating trocar pin with rounded tip
- low space requirement through slender trocar design
- balanced ergonomic properties and good weight distribution

COST EFFECTIVE

- the value in use of the AESCULAP® trocar system allows the profitability of the funds needed to be expected

The components of the AESCULAP® trocar system are not made with natural rubber latex.



AESCULAP® MINIPOINT



VERY SMALL TROCAR DESIGN

■ EASY INSERTION

Handle design combined with a dilating tip for an accurate and target access of the trocar - less force necessary.*

■ GOOD FIXATION*

Special profile on the trocar sleeve

■ COST EFFECTIVE

Combination of single use trocar and reusable dilating pin

■ COMPLETE MINI LAPAROSCOPY SYSTEM

The MiniPort is compatible with the existing 3.5 mm AESCULAP® AdTec® mini instrument line as well as with other 3.5 mm instruments.

* based on customer feedback in the context of the product development process

TROCAR SLEEVES

Single-use, sterile



EK105SU

MiniPort
Single-use trocar sleeve with
integrated seal and thread

Ø 3.5 mm

Length: 70 mm

6 units

TROCAR PIN

Reusable



EK030R

Dilating trocar pin

Ø 3.5 mm

Ø 3.5 mm

THE HYBRID TROCAR SOLUTION



SEALING UNIT

Reusable



EK380P

Sealing unit for trocars Ø 3.5 mm

Accommodates 3.5 mm instruments

TROCAR PINS

Reusable

Suitable for EK311R / EK315R



EK345R
conical sharp
60 mm

EK346R
conical sharp
110 mm



EK348R
conical blunt
60 mm

EK349R
conical blunt
110 mm



EK355R
conical sharp
60 mm

EK356R
conical sharp
110 mm



EK358R
conical blunt
60 mm

EK359R
conical blunt
110 mm

Ø 3.5 mm

TROCAR SLEEVES

Reusable



EK311R
smooth
without stopcock
60 mm

EK315R
smooth
without stopcock
110 mm



Enlarged inner diameter for improved insufflation, insertion of needles and 4 mm endoscopes.

EK310R
smooth
with stopcock
60 mm

EK314R
smooth
with stopcock
110 mm

THE HYBRID TROCAR SOLUTION



The Aesculap dilating trocar pin meets the TRBA 250 safety standards and the Ordinance of Biological Agents. For further information see page 18.

SEALING UNIT

Single-use, sterile



EK001SU

Single-use sealing unit for trocars
Ø 5 mm

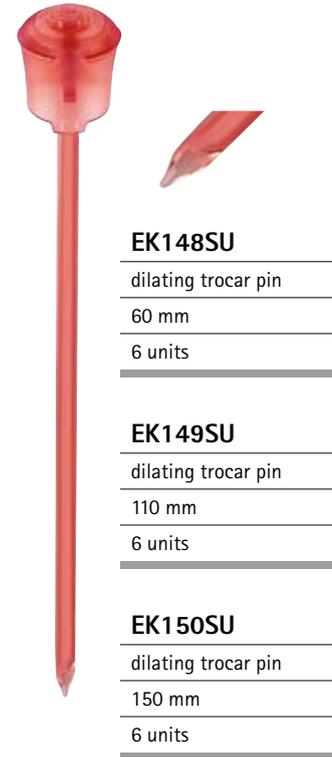
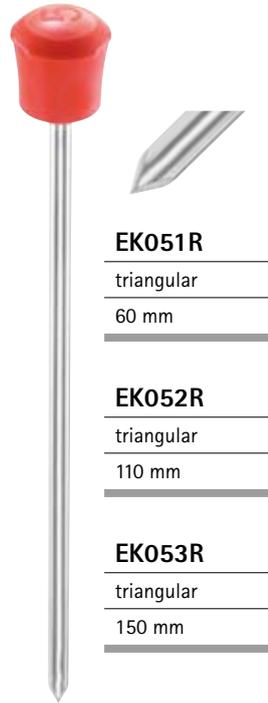
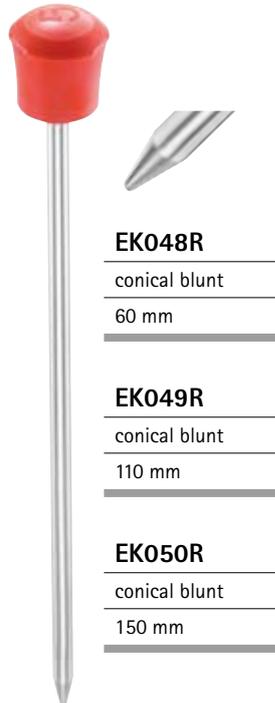
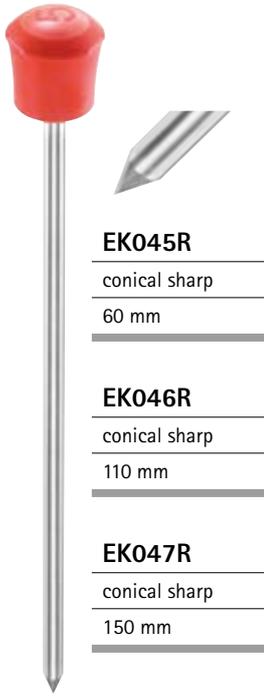
20 units

Accommodates 5 mm instruments

TROCAR PINS

Reusable

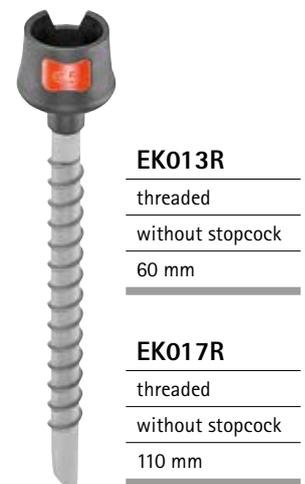
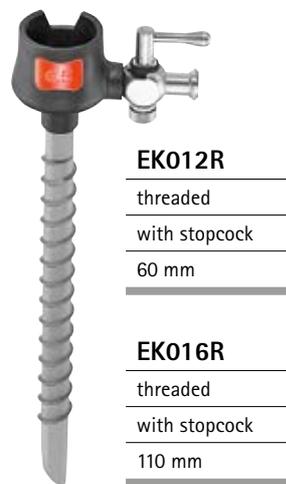
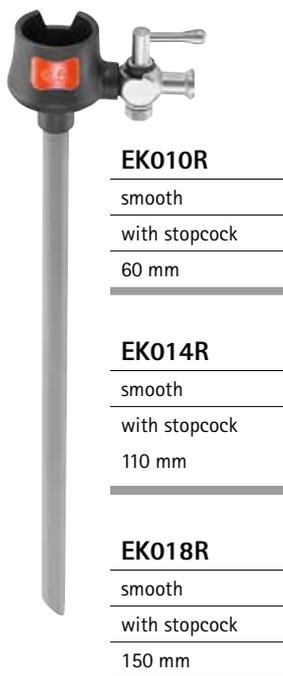
Single-use, sterile



Ø 5 mm

TROCAR SLEEVES

Reusable



THE HYBRID TROCAR SOLUTION



The Aesculap dilating trocar pin meets the TRBA 250 safety standards and the Ordinance of Biological Agents. For further information see page 18.

SEALING UNIT

Single-use, sterile



EK002SU

Single-use **universal** sealing unit
for trocars Ø 10 / 12 mm

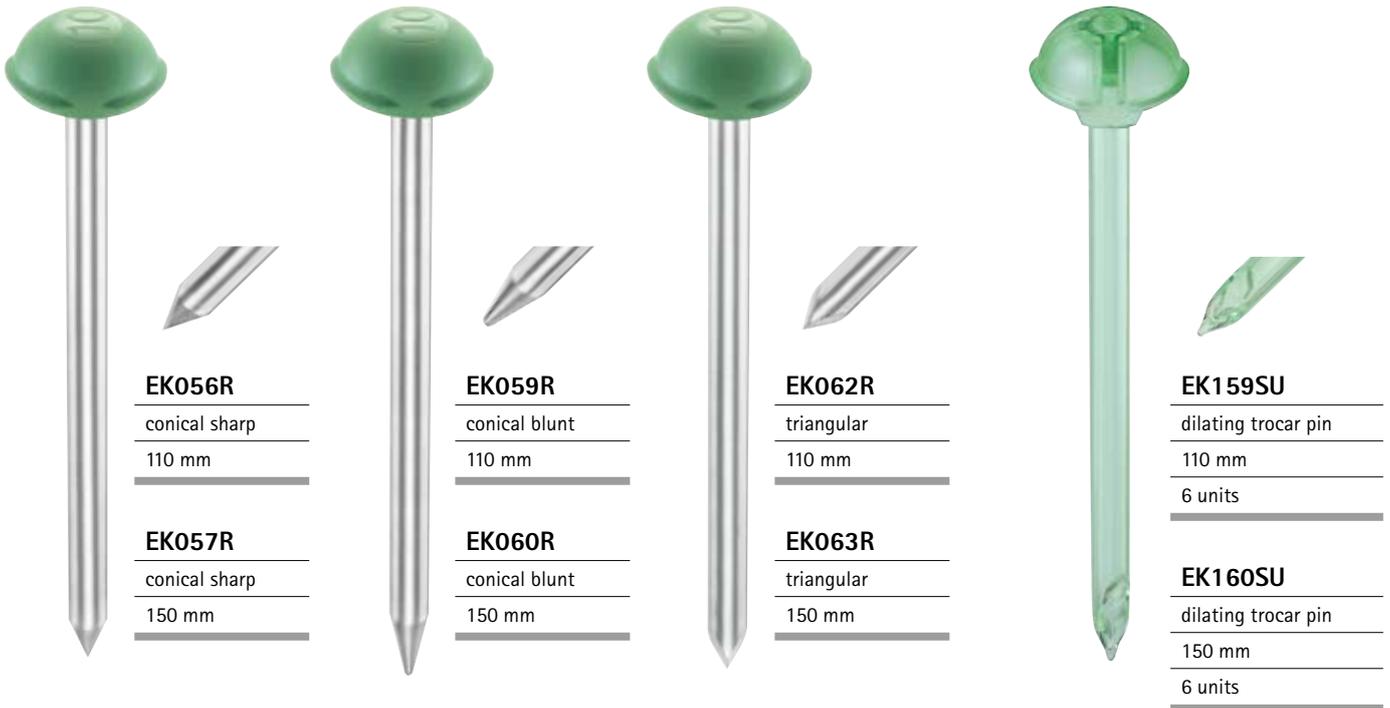
20 units

Accommodates 5 mm - 12 mm
instruments

TROCAR PINS

Reusable

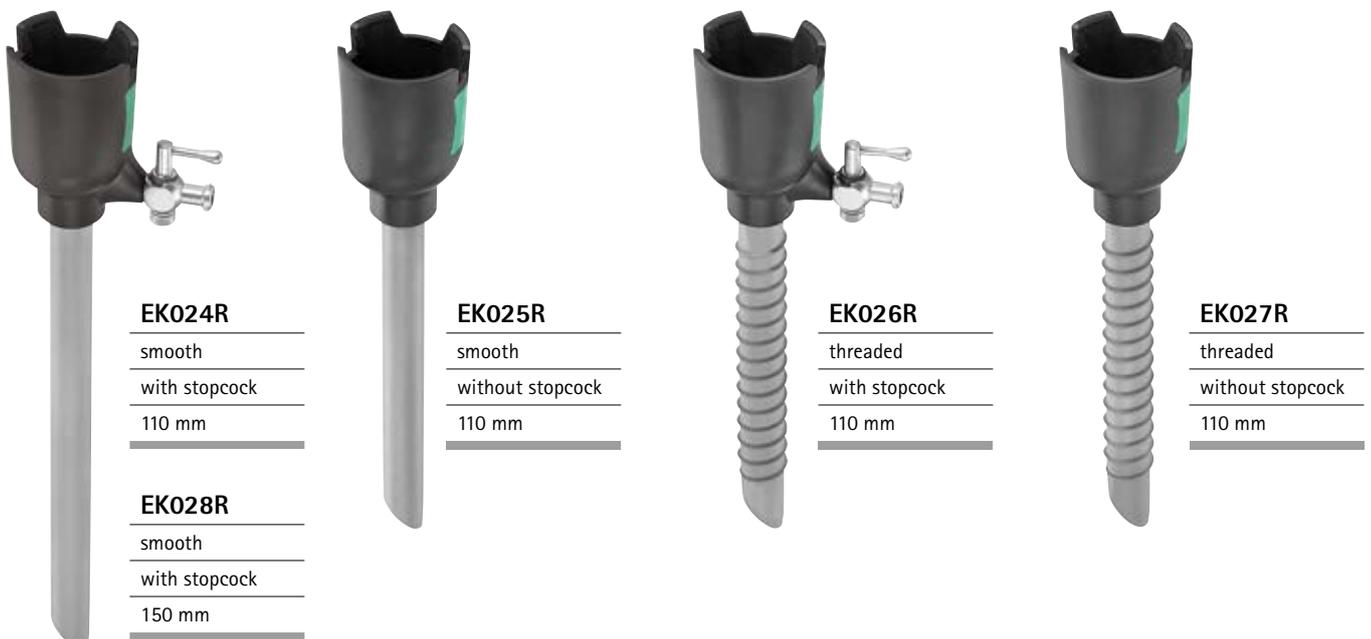
Single-use, sterile



Ø 10 mm

TROCAR SLEEVES

Reusable



THE HYBRID TROCAR SOLUTION



The Aesculap dilating trocar pin meets the TRBA 250 safety standards and the Ordinance of Biological Agents. For further information see page 18.

SEALING UNIT

Single-use, sterile



EK002SU

Single-use **universal** sealing unit for trocars Ø 10 / 12 mm

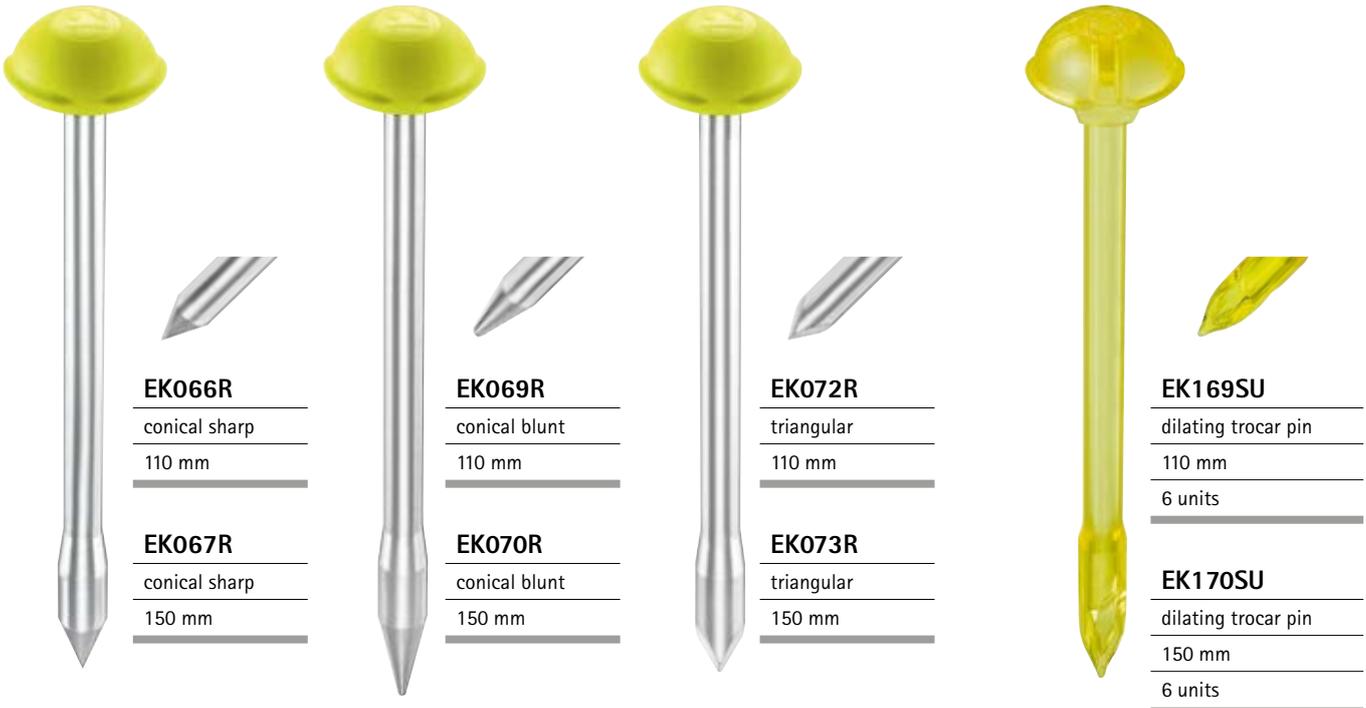
20 units

Accommodates 5 mm - 12 mm instruments

TROCAR PINS

Reusable

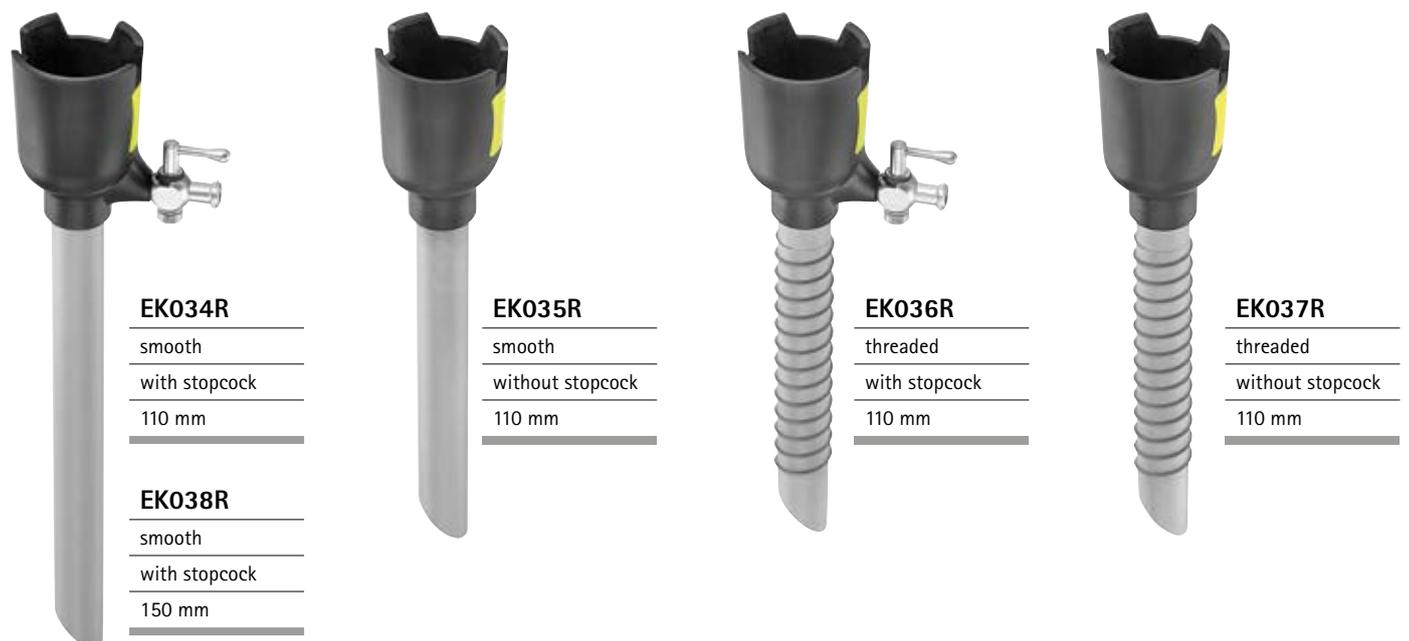
Single-use, sterile



Ø 12 mm

TROCAR SLEEVES

Reusable



THE HYBRID TROCAR SOLUTION

Trocar for mini-laparotomy (Hasson technique)



SEALING UNIT

Single-use, sterile



EK002SU

Single-use **universal** sealing unit
for trocars \varnothing 10 / 12 mm

20 units

Accommodates 5 mm - 12 mm
instruments

TROCAR SLEEVE

Reusable



EK098R

Conical
attachment
for 10 mm
trocar sleeve

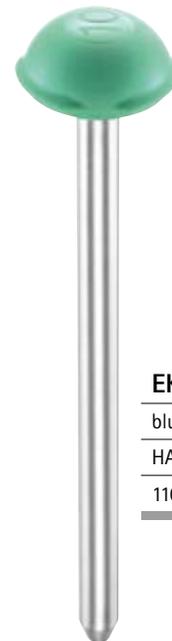


EK024R

smooth
with stopcock
110 mm

TROCAR PIN

Reusable



EK064R

blunt
HASSON
110 mm



SEALING UNIT

Single-use, sterile



EK002SU

Single-use **universal** sealing unit
for trocars Ø 10 / 12 mm

20 units

Accommodates 5 mm - 12 mm
instruments

TROCAR SLEEVE

Reusable



EK099R

Conical
attachment
for 12 mm
trocar sleeve



EK034R

smooth
with stopcock
110 mm

TROCAR PIN

Reusable



EK074R

blunt
HASSON
110 mm

THE HYBRID TROCAR SOLUTION

Accessories and spare parts

REDUCING SLEEVES

Reusable



EK090R

Reducing sleeve

Ø 10 mm

incl. sealing cap

EK093P: 5 mm guide

Reusable



EK091R

Reducing sleeve

Ø 12 mm

incl. sealing caps

EK093P: 5 mm guide

EK094P: 10 mm guide

SPARE PARTS

Reusable



EK093P

Sealing cap

5 mm guide

20 units



EK094P

Sealing cap

10 mm guide

20 units

REDUCING SLEEVE

Reusable



EK390R

Reducing sleeve for trocars

Ø 5 mm

incl. sealing cap 3.5 mm

SUTURE SLEEVE

Reusable



EK391R

Suture sleeve for trocars

Ø 3.5 mm

incl. sealing cap

Suitable for EK310R / EK314R

SUTURE FIXATION

Reusable



EK097R

Suture fixation

for trocars Ø 5 mm



EK397R

Suture fixation

for trocars Ø 3.5 mm

Suitable for

EK311R / EK315R

SEALING UNITS

Reusable



EK080P

Sealing unit for trocars Ø 5 mm

20 units

Accommodates 5 mm instruments

consisting of:



Sealing cap EK082P

20 units



Cross slit valve EK081P

20 units

Reusable



EK380P

Sealing unit for trocars Ø 3.5 mm

20 units

Accommodates 3.5 mm instruments

consisting of:



Sealing cap EK382P

20 units



Cross slit valve EK381P

20 units

SPARE PARTS

Stopcock



EJ233215

Cock plug

1 unit



EJ233216

Spring cap

1 unit

SEALING UNITS

Reusable



EK083P

Sealing unit for trocars
Ø 10 / 12 mm with
5 mm flap converter

Accommodates
5 mm - 12 mm
instruments

consisting of:



Reducing converter
EK087P

5 units



Sealing housing EK088P

1 unit



Cross slit valve EK084P

20 units



EK086P

Sealing unit for trocars
Ø 10 / 12 mm

Accommodates
10 mm / 12 mm
instruments

consisting of:



Sealing cap
EK085P

20 units



Sealing housing EK088P

1 unit



Cross slit valve EK084P

20 units

THE HYBRID TROCAR SOLUTION



AESCULAP DILATION TROCAR PIN MEETS TRBA 250 SAFETY STANDARDS*

Preventive protective measures during the use, reprocessing and disposal of trocars are becoming increasingly important. Reusable trocar pins can hide a significant potential for injury, which can sometimes have considerable consequences for the user in the OR or CSSD in the form of infections. Aesculap has had the dilating pins of its Trocar System inspected by the renowned University of Wuppertal. The pins have a rounded tip, which does not limit their ability to penetrate the abdominal wall. The University of Wuppertal confirmed that these dilating trocar pins can help prevent accidental needlestick injuries in laparoscopic procedures, that they are suitable for subsequent disposal in the hospital and that they meet the requirements of TRBA 250 and the Ordinance on Biological Agents in the 2014 version. The geometry of the dilating trocar pin provides better access. As a result, potentially infectious injuries to the human skin are extremely unlikely with this dilating trocar pin.*

All Aesculap endoscopy products on our internet homepage



...just a click away!

* Source: Expert opinion on Aesculap® Single Use Trocar Obturators, Prof. Dr.-Ing. Andreas Wittmann, University of Wuppertal https://at.wikimannia.org/Andreas_Wittmann



DIALOG – DEDICATED TO LIFE.

The Aesculap Academy is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people's health for more than 175 years. With our courses, hands-on trainings and symposia we help to honor our parent company's promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff.

AESCULAP AKADEMIE GMBH

Am Aesculap-Platz | 78532 Tuttlingen | Phone +49 7461 95-2001

www.aesculap-academy.com | www.facebook.com/AesculapAkademie

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Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany

Phone +49 7461 95-0 | Fax +49 7461 95-2600 | www.aesculap.com

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