

# Angiodyn

## High pressure tubing with / without rotating adaptor



### Angiodyn high pressure tubing

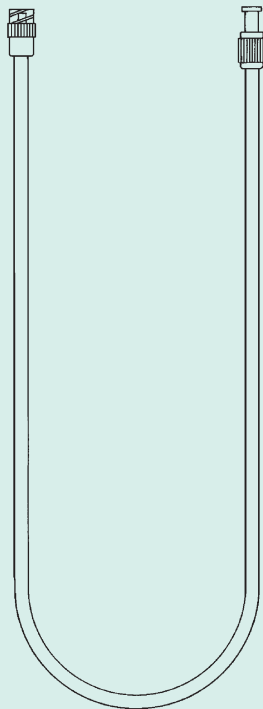
- transparent for visual control
- tubing lengths for all needs
- luer lock-fitting male / female

### Angiodyn high pressure tubing up to 84 bar (1200 psi)

- braided PUR, very flexible

#### male / female with rotating adaptor

length cm	inner ø (mm)	outer ø (mm)		
50	1.7	3.6	5011507	25
75	1.7	3.6	5011515	25
100	1.7	3.6	5011523	25
120	1.7	3.6	5011531	25
200	1.7	3.6	5016002	25



### Angiodyn high pressure tubing up to 70 bar (1000 psi)

- PVC, flexible

#### male / female with rotating adaptor

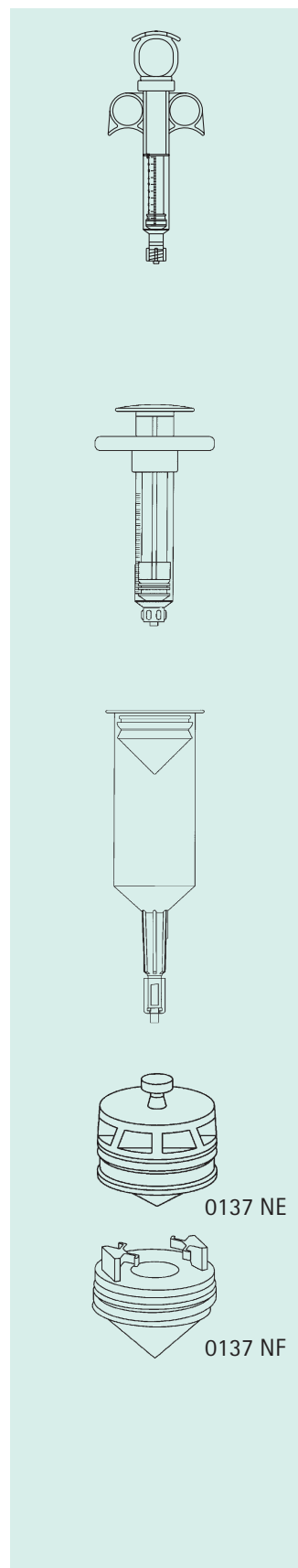
length cm	inner ø (mm)	outer ø (mm)		
50	2.15	4.75	5011957	20
75	2.15	4.75	5011965	20
100	2.15	4.75	5011973	20
120	2.15	4.75	5011938	20
150	2.15	4.75	5018580	25

#### male / female without rotating adaptor

length cm	inner ø (mm)	outer ø (mm)		
50	2.15	4.75	5018196	20
75	2.15	4.75	5018200	20
100	2.15	4.75	5018218	20
120	2.15	4.75	5018233	20
150	2.15	4.75	5014875	20

# Angiodyn

## Angiographic syringes / Injector syringes



### Angiodyn

Angiographic syringes for contrast media injection

- rubber gasket for smooth plunger action with double seal
- crystal clear barrel

### 10 ml angiographic syringe with rotating adapter

- ring plunger and medium sized grip plate
- security stop at 1.0 ml
- lateral finger rings

10 ml angiographic syringe with rotating adapter

Code-  
Number

Sales  
unit-  
pcs.

5011990

50

### 10 ml angiographic syringe with male Luer lock-fitting

- medium sized grip plate
- security stop at 1.0 ml

10 ml angiographic syringe with male Luer lock-fitting

5010142

50

### Angiodyn injector syringes

- developed for high pressure injectors up to 84 bar / 1200 psi
- transparent, high quality polypropylene for easy identification of air bubbles
- plunger with double seal prevents air aspiration and leakage
- protective cap to avoid contamination when using aseptic technique
- connection to all Luer standards possible

0137NE 150 ml Angiomat 6000 TM

5010200

50

0137NF 150 ml Medrad (Mark V,...)

5010207

50

### Additional tubing (without illustration)

- to facilitate contrast media filling of injector syringes

Additional tubing

5017000

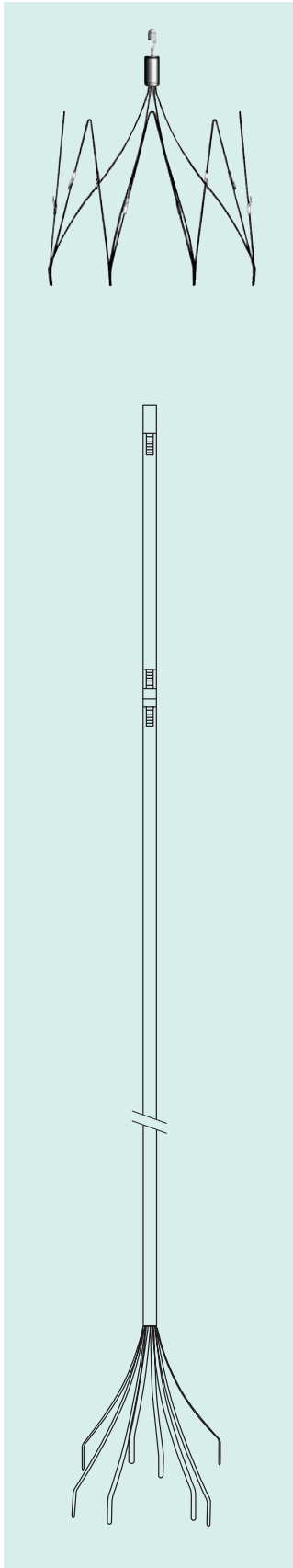
100

# Vena Cava Filters

For protection against pulmonary embolism

Code-  
Number

Sales  
unit-  
pcs.



## Vena Cava Filters

### Indications:

- contraindications to anticoagulants (severe coagulopathy, thrombocytopenia, hemorrhage, recent brain surgery, recent cranial trauma, ...)
- failure of the anticoagulants treatment (recurrent pulmonary embolism under treatment development of clot in spite of anti-coagulation)
- severe complication of the anticoagulants treatment (intestinal hemorrhage, gastroduodenal ulcer, ...)

### Advantages:

- proven conical design
- long term temporary filter: up to 12 weeks (Tempofilter II)
- made from Phynox, a non-ferromagnetic alloy with excellent MRI compatibility and X-Ray visibility
- various access sites (VenaTech LP and VenaTech Convertible)
- small, flexible introducer (VenaTech LP)
- compatible with large Vena Cava (VenaTech LP and VenaTech Convertible)
- may be altered structurally to deactivate filtration (VenaTech Convertible)

### Permanent filters

access site

VenaTech LGM 30 D/U	femoral, jugular	5010519	1
VenaTech LP	jugular, femoral, subclavian	4435125	1
VenaTech LP brachial Introducer System	brachial	4439985	1
VenaTech LP Platinum Introducer System	femoral, jugular, subclavian	4439986	1

### Temporary filter

access site

Tempofilter II	jugular	4430098	1
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### Convertible filter

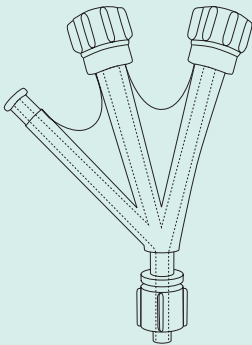
access site

VenaTech Convertible	femoral, jugular	4435140	1
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# Accessories for PTCA

## Y-Connector, PTCA-Set, Fluid Collection System

Code-  
Number      Sales  
unit-  
pcs.



### Y-Connector

For all interventional techniques

- with rotational adaptor and Touhy-Borst-valve
- 9.5F lumen

Y-connector with plastic insertion tool

5021693

10

Double Y-connector with plastic insertion tool

5020743

5

### Unique Kissing BiBalloon adaptor

For simultaneous and/or sequential dilatation of bifurcation lesions

- innovative approach for multiple dilatation techniques
- final kissing balloon inflation

Kissing BiBalloon adaptor

5014760

25

### PTCA-Kit 1

- Y-connector with metal insertion tool
- Torquer, luminescent wire grip for all diameters up to 0.022"
- Inflation Device for PTCA (622510)

PTCA-Kit 1

622511

1

### PTCA-Kit 2

- Y-connector with metal insertion tool
- Torquer, luminescent wire grip for all diameters up to 0.022"

PTCA-Kit 2

5028550

10

### Bifurcation Kit

- Inflation device
- Double Y-Connector
- Kissing Balloon adaptor
- Insertion tool and torquer

Bifurcation Kit

5028904

1

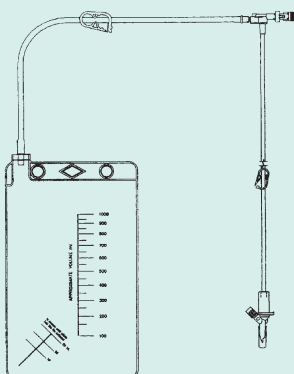
### Fluid Collection System

- aspiration of liquids (saline solution, contrast media)
- secure disposal of aspiration liquid in a closed container (bag)
- tubing length to dual check valve: 190 cm
- tubing length to container: 180 cm
- container volume: 1000 ml

Fluid Collection System

5010555

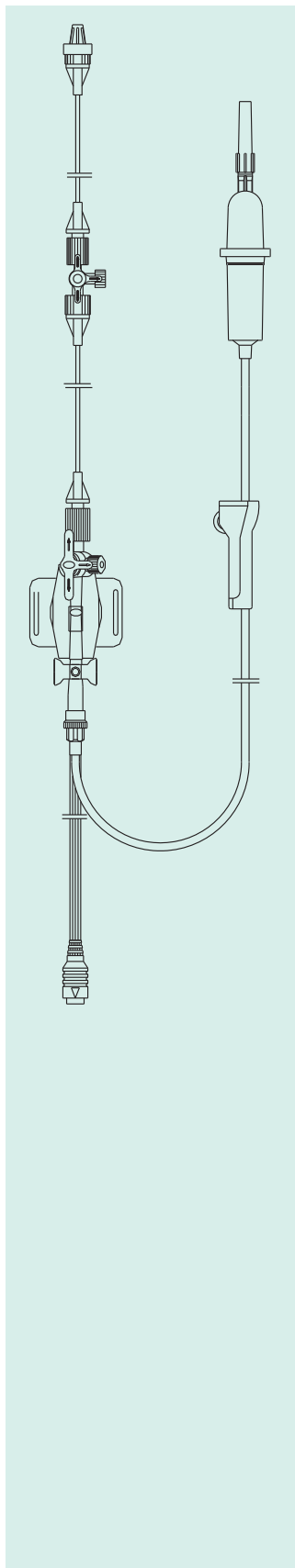
50



Customized kits on request. Please ask your B. Braun clinical specialist.

# Combitrans

## Monitoring kits with disposable transducer Basic kits



### Combitrans

Monitoring kit with disposable transducer for physiological pressure measurement

#### Complete system

- for optimal transmission of pressure signal
- saves time and makes work easier due to practical configurations
- avoids contamination at connections and during blood sampling

#### Combitrans Monitoring kit

##### • Intrafix M

- special administration kit for pressure measurement

##### • Combitrans flush device

- quick flush rate  $\geq 1$  ml/s
- continuous flush rate 3 ml/h at 300 mmHg

##### • Combitrans disposable transducer

- compact and 100 % tested unit with excellent pressure transmission
- can be used in combination with all CF-class monitors
- adapts to interface cable with plug connection
- modern chip technology for an accurate registration of values
- precalibrated sensor with constant electrical parameters (sensitivity, linearity, zero stability)
- straight fluid channel for an easy air-bubble free filling

##### • Discofix-3

- 2 three-way stopcocks red (arterial), blue (venous) or yellow (pulmonal arterial)

##### • Combidyn pressure tubing 125 cm

- $\varnothing 1.5 \times \varnothing 2.7$  mm
- with red (arterial), blue (venous) or yellow (pulmonal arterial) stripe

##### • Combidyn pressure tubing 20 cm

- $\varnothing 1.5 \times \varnothing 2.7$  mm
- with red (arterial) stripe, blue (venous) or yellow (pulmonal arterial) stripe

#### Combitrans Monitoring kit

red (arterial)	5202620	20
blue (venous)	5202604	20
yellow (pulmonal arterial)	5202617	20

#### Combidyn pressure tubing with three-way stopcock

- pressure tubing, red,  $\varnothing 1.5$  mm x  $\varnothing 2.7$  mm, 20 cm
- connected three-way stopcock, red

Combidyn pressure tubing with three-way stopcock	5208599	50
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Code-  
Number

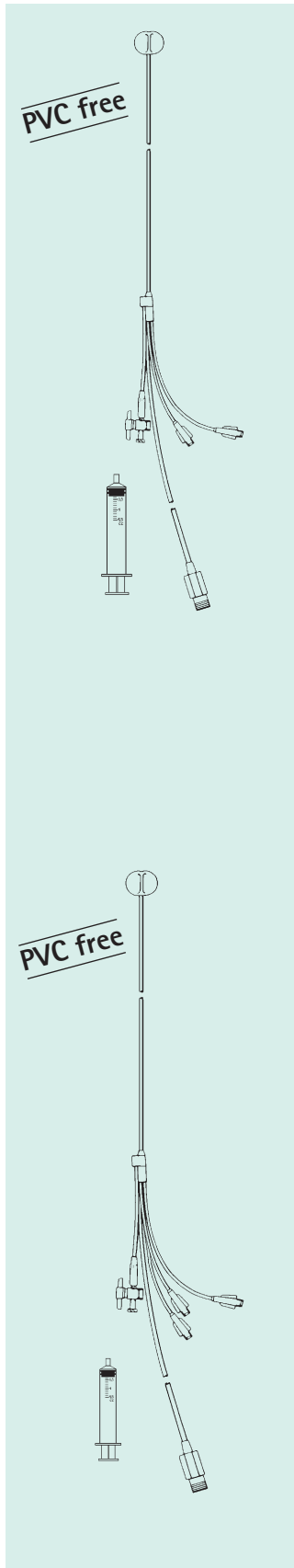
Sales  
unit-  
pcs.

# Corodyn TD / TD-I

Thermodilution catheters with balloon (Swan-Ganz type)  
made of Polyurethane (PUR)

Code-  
Number

Sales  
unit-  
pcs.



## Corodyn TD

Thermodilution catheter with balloon (Swan-Ganz type) for measurement of haemodynamic pressure and cardiac output

- catheter (4 lumina) with lumen for injection of a cold bolus and distal lumen for pressure measurement
- catheter length 110 cm
- thermistor, 35 mm from catheter tip
- catheter marking every 100 mm from the catheter tip as an indicator of depth of introduction and position of catheter
- easy handling
- safe introduction
- radio-opaque
- excellent pressure transmission
- thermistor resistance at 37°C 14,000 Ω ± 15 %, sensitivity 520 Ω/°C
- special three-pin plug connector for all standard computers and patient monitors
- made of PUR
- antithrombogenic material
- free of toxic plasticizers

## Corodyn TD

F5	5041406	5
F6	5041414	5
F7	5041422	5
F7, S-Tip	5041945	5

## Corodyn TD-I

Thermodilution catheter with 5 lumina

- same catheters as Corodyn TD but with additional lumen for simultaneous pressure measurement resp. for the application of infusions or medications

## Corodyn TD-I

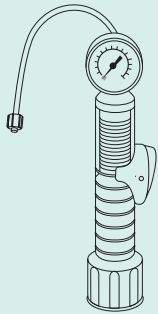
PUR, F 7,5	5041856	5
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# Accessories for PTCA

## Introducer, Inflation Device etc.

Code-  
Number

Sales  
unit-  
pcs.



### Inflation Device for PTCA

Pressure gauge:

- 90° rotating manometer for "custom" handling
- coded figures from nominal to burst pressures for easy reading

Body and button:

- unique mechanism for rapid pressure increase, i.e. effective and fast procedures
- grip design for better handling
- clear material for easy air bubble detection and removal

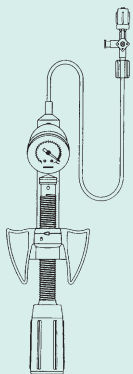
Handle:

- ergonomic design for optimal handling
- progressive resistance while inflating for pressure feedback

Inflation Device for PTCA, 20 ml / 30 atm

5028900

1



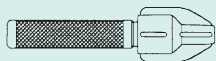
### Inflation Device for PTCA

- easy handling by winged locking mechanism
- angled, luminous pressure gauge
- precise inflation, quick deflation
- crystal clear barrel for easy debubbling
- 30 cm high pressure tubing with three-way stopcock and rotating adaptor

Inflation Device for PTCA, 25 ml / 30 atm

622510

1



### Torquer

Torque device for guide wires

- luminescent
- wire grip for all diameters up to 0.022"

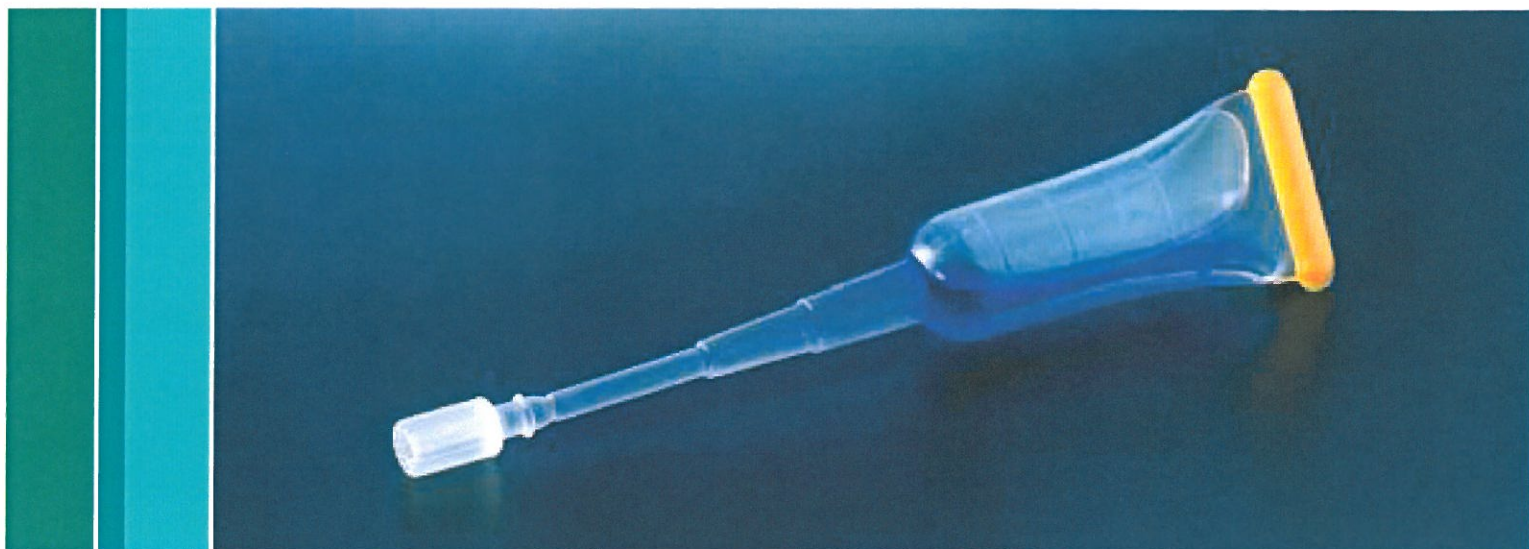
Torque device

5023687

10

# Histoacryl®

The real thing  
Tissue adhesive



Biosurgicals

**B | BRAUN**  
SHARING EXPERTISE



# Histoacryl®

The real thing – now even simpler and faster

For decades medical professionals around the world have put their trust in Histoacryl®, the first surgical tissue adhesive based on cyanoacrylate. The successful application of Histoacryl® is described in more than 1,200 publications.

Now the classic product for the closure of skin wounds is available

- in a new ampoule with a twist-off tip.
- with increased content of n-butyl-2-cyanoacrylate.
- with the indication for closure of skin wounds and for sclerosation therapy of esophageal and fundal varices.

New twist-off tip

## Histoacryl®

now even simpler and faster

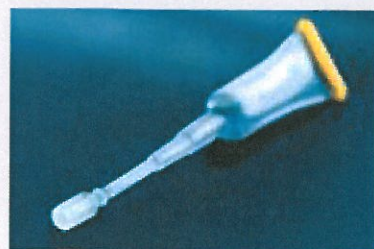
- Simply twist off the ribbed tip of the ampoule
- Then, as usual, Histoacryl® can be applied precisely with the slim cannula



## Translucent Histoacryl® L

for facial applications

To be on the safe side, it is recommended to use Histoacryl® L, a version which does not contain dye, for facial applications.



# Classic advantages

## Well-known advantages of Histoacryl®:

- fast wound closure
- superior strength
- simple and precise dosage due to slim cannula and blue dye
- applying just one layer is enough
- choice between blue and translucent version
- showering possible



## Why tissue adhesive?

- no suturing – no pain
- saves time and costs (no local anaesthetics, no suture removal, no second consultation)
- antibacterial film protects the wound
- no wound dressing necessary





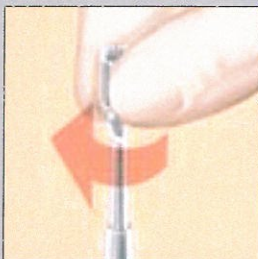
## Product Range

### Ordering Information

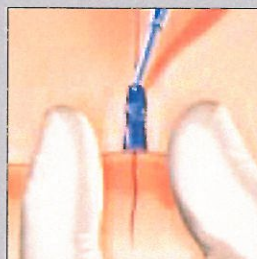
Description	Color	Article No.
5 x 0.5 ml Histoacryl®	blue	105 0052
10 x 0.5 ml Histoacryl®	blue	105 0044
5 x 0.2 ml Histoacryl®	blue	105 0036
10 x 0.2 ml Histoacryl®	blue	105 0028
5 x 0.5 ml Histoacryl® L	translucent	105 0060

■ Literature is available upon request.

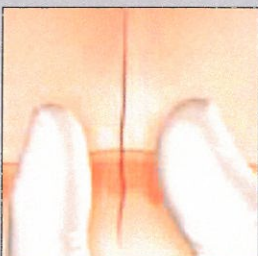
### Wound closure in a minute:



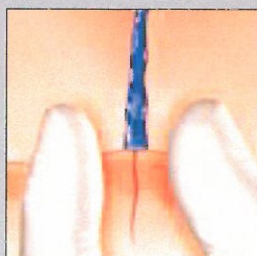
Clean the wound and turn open the ampoule



Apply Histoacryl® sparingly, do not allow tissue adhesive to flow into the wound



Adapt wound edges (wounds under tension and wounds longer than 3 cm require additional suturing)



Keep wound edges aligned for about one minute – that's all!

Histoacryl®



# Histoacryl®

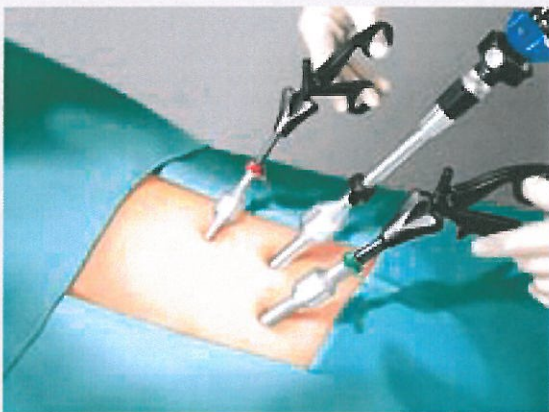
The real thing – now even simpler and faster

## Histoacryl® for closure of endoscopic incisions

The Histoacryl® ampoule is supplied in sterile condition; therefore, Histoacryl® is the ideal tissue adhesive for use in the OR.

For example, it may be used for the closure of endoscopic incisions, as described in:

*Rosin D et al. Closure of laparoscopic trocar site wounds with cyanoacrylate tissue glue: a simple technical solution. J Laparoendosc Adv Surg Tech 2001; 11(3):157-9.*

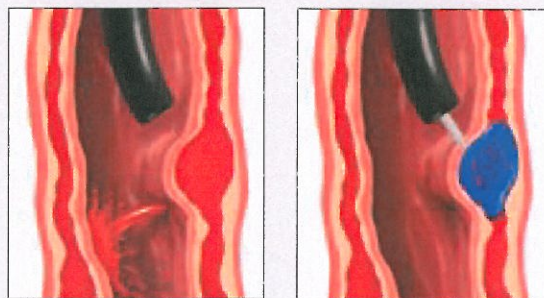


## Sclerosation of esophageal and fundal varices with Histoacryl®

The formation of esophageal and fundal varices is a common and dangerous consequence of portal hypertension. Effective sclerosation of these varices is possible with Histoacryl®.

Varically injected Histoacryl® polymerizes intravasally to form a plastic cylinder and effects immediate obturation or thrombosing of the vessel. The procedure is described in detail in the relevant literature, for instance in the following article:

*Caldwell SH et al. Enbucrilate for gastric varices: extended experience in 92 patients. Aliment Pharmacol Ther 2007; 26:49-59.*



Histoacryl®