

# Histoacryl<sup>®</sup>

Protection gets everywhere



Biosurgicals

# Histoacryl®

## Protection gets everywhere

## The first surgical tissue adhesive based on cyanoacrylate

For decades medical professionals around the world have put their trust in Histoacryl®.

More than 1200 publications guarantee this.



# Room temperature

### Storage at room temperature

## Evolving to make things better

Besides its well-known features, Histoacryl® can now be stored at room temperature.

- ▶ Excellent tensile strength
- ▶ Only one layer is needed
- ▶ Simple and precise dosage
- ▶ Ready-to-use ampoule
- ▶ Two colors available: easy visual control with blue version; undyed version particularly suitable for facial applications
- ▶ Ampoule sterile on its inside and its outside: the ideal tissue adhesive for closure of surgical incisions

## Saving time

### Wound closure in a minute

- ▶ Wound closure in a minute: back to routine immediately!
- ▶ Anti-bacterial barrier protects the wound<sup>1</sup>
- ▶ No need of refrigeration
- ▶ Significant less pain than suture materials<sup>2</sup>
- ▶ Saves time and costs: no need of local anesthesia or a second visit to the doctor to remove stitches
- ▶ Excellent cosmetic results<sup>3</sup>
- ▶ Water-resistant: showering is possible



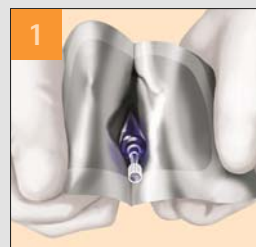
<sup>1</sup> Wilkinson JN et al. *Anaesthesia*. 2008;1382-4.

<sup>2</sup> Farion K et al. *Cochrane*. Database Syst. Rev. 2002;3:CD003326.

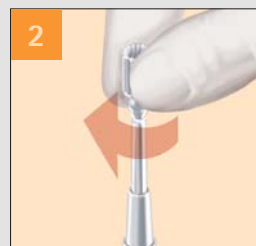
<sup>3</sup> Amiel GE et al. *J Am Coll Surg*. 1999;189:21-5.

### Saving pain. Saving time and costs

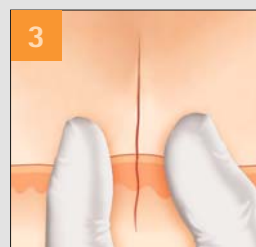
## Saving pain



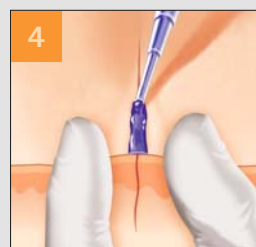
Open the aluminium peel-pouch



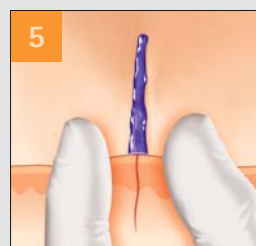
Clean the wound and twist off the ribbed tip of the ampoule



Adapt wound edges



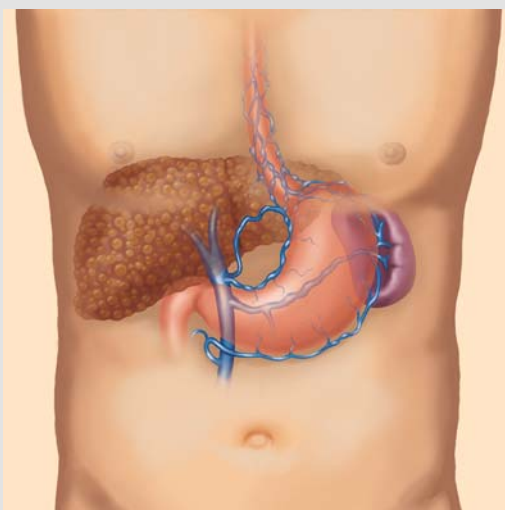
Apply Histoacryl® sparingly



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

## Sclerosation of esophageal and fundal varices

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®.<sup>4,5</sup>



- ▶ Can be employed for non-bleeding and for bleeding varices
- ▶ Combined therapy with Histoacryl® and conventional sclerosation therapy is possible<sup>6</sup>
- ▶ Hemostasis is achieved in 93 % – 100 % of cases<sup>7</sup>
- ▶ Lower rebleeding rate than with band ligation<sup>8</sup>

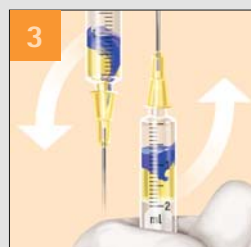
## A Consolidated Technique<sup>9,10</sup>



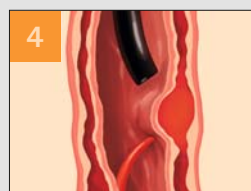
Introduce a compatible X-ray contrast inside a syringe\*



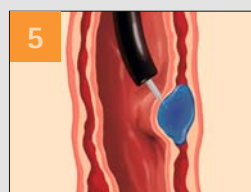
Introduce the syringe needle inside the Histoacryl® ampoule and suck the required volume



Gently mix both components and introduce them through the Histoacryl® injection needle\*\*



Puncture the varix and introduce the mixture inside



Histoacryl® cylinders are expelled from the esophagus / stomach wall into the lumen

<sup>4</sup> Binmoeller KF, Soehendra N. *Endoscopy*. 1995;27:392-6.

<sup>5</sup> Caldwell SH et al. *Aliment. Pharmacol. Ther.* 2007;26:49-59.

<sup>6</sup> Feretis C et al. *Endoscopy*. 1995;27:358-64.

<sup>7</sup> Seewald S et al. *Endoscopy*. 2002;34:926-32.

<sup>8</sup> Tan PC et al. *Hepatology*. 2006;43:690-7.

<sup>9</sup> Seewald S et al. *Endoscopy*. 2003;35:136-44.

<sup>10</sup> Seewald S et al. *Gastrointestinal Endoscopy*. 2008;68:447-54.

\* According to the doctor's experience

\*\* Previous priming of the injection needle might be necessary, as per the doctor's instructions<sup>10</sup>

# Histoacryl®

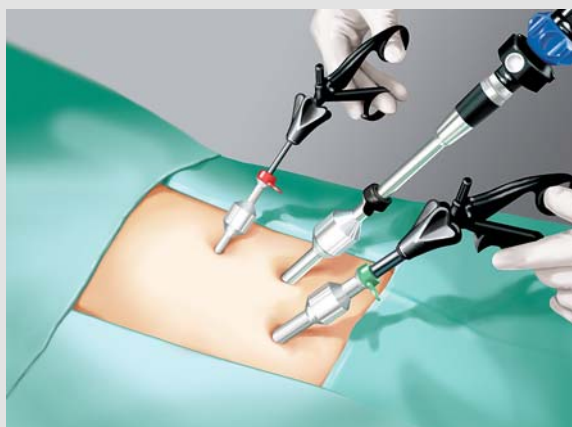
Protection gets everywhere

## 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.<sup>3</sup>

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

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



## Histoacryl® can be an ideal alternative to conventional suturing in:

- ▶ children's lacerations<sup>11, 12</sup>
- ▶ emergency room<sup>13, 14</sup>



<sup>11</sup> Simon HK et al. *Pediatrics*. 1997;99(2):193-5.

<sup>12</sup> Quinn JV et al. *Ann Emerg Med*. 1993;22(7):1130-5.

<sup>13</sup> Bruns TB et al. *Pediatrics*. 1996;98(4):673-5.

<sup>14</sup> Göktas N et al. *Eur J Emerg Med*. 2002;9(2):155-8.

## Ordering Information

Description	Color	Code
5 x 0.5 ml	Blue	105 0052
10 x 0.5 ml	Blue	105 0044
5 x 0.5 ml	Translucent	105 0060
10 x 0.5 ml	Translucent	105 0071



B. Braun Surgical SA | Carretera de Terrassa, 121 | 08191 Rubí | Spain  
Phone +34 93 5 86 62 00 | Fax +34 93 6 99 63 30 | [www.bbraun.com](http://www.bbraun.com)

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany  
Phone +49 7461 95-0 | Fax +49 7461 95-26 00 | [www.aesculap.com](http://www.aesculap.com)

Aesculap – a B. Braun company

Subject to technical changes. All rights reserved.  
This brochure may only be used for the exclusive  
purpose of obtaining information about our  
products. Reproduction in any form partial or  
otherwise is not permitted.