

Histoacryl®

Protection gets everywhere



Biosurgicals

Histoacryl®

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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 wound¹
- ▶ No need of refrigeration
- ▶ Significant less pain than suture materials²
- ▶ Saves time and costs: no need of local anesthesia or a second visit to the doctor to remove stitches
- ▶ Excellent cosmetic results³
- ▶ Water-resistant: showering is possible



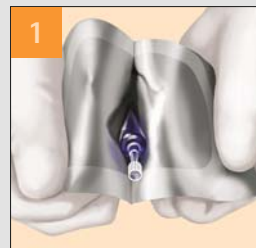
¹ Wilkinson JN et al. *Anaesthesia*. 2008;1382-4.

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

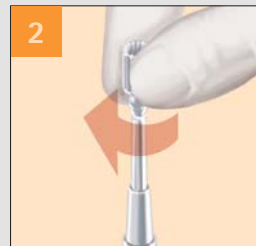
³ Amiel GE et al. *J Am Coll Surg*. 1999;189:21-5.

Saving pain. Saving time and costs

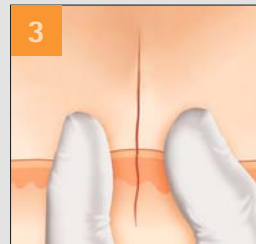
Saving pain



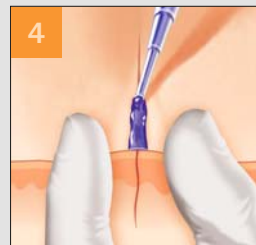
Open the aluminium peel-pouch



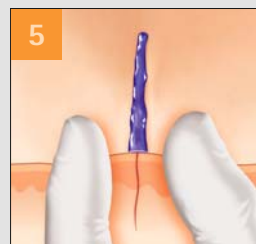
Clean the wound and twist off the ribbed tip of the ampoule



Adapt wound edges



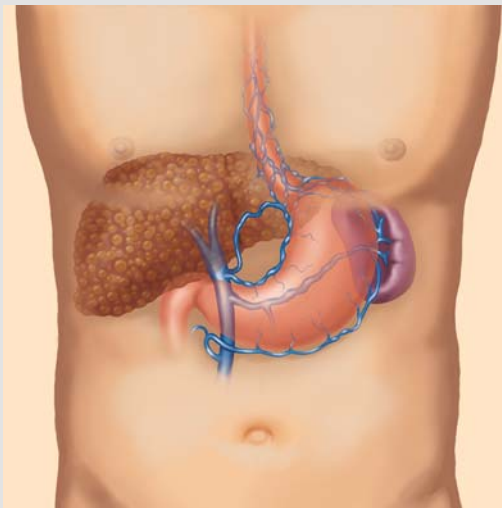
Apply Histoacryl® sparingly



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®.^{4,5}



- ▶ Can be employed for non-bleeding and for bleeding varices
- ▶ Combined therapy with Histoacryl® and conventional sclerosation therapy is possible⁶
- ▶ Hemostasis is achieved in 93 % - 100 % of cases⁷
- ▶ Lower rebleeding rate than with band ligation⁸

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

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

⁶ Feretis C et al. *Endoscopy*. 1995;27:358-64.

⁷ Seewald S et al. *Endoscopy*. 2002;34:926-32.

⁸ Tan PC et al. *Hepatology*. 2006;43:690-7.

⁹ Seewald S et al. *Endoscopy*. 2003;35:136-44.

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

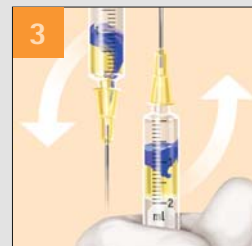
A Consolidated Technique^{9,10}



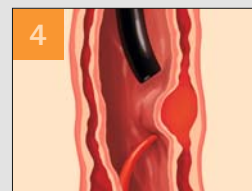
1 Introduce a compatible X-ray contrast inside a syringe*



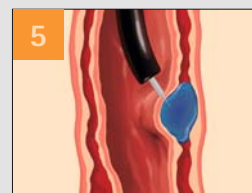
2 Introduce the syringe needle inside the Histoacryl® ampoule and suck the required volume



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



4 Puncture the varix and introduce the mixture inside



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

* According to the doctor's experience

** Previous priming of the injection needle might be necessary, as per the doctor's instructions¹⁰

Histoacryl®

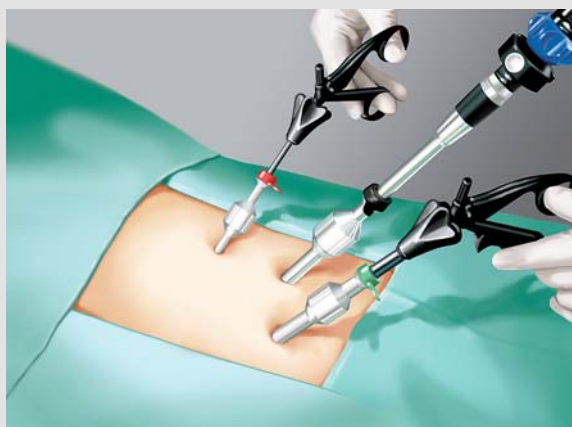
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Histoacryl® for closure of endoscopic incisions

The Histoacryl® ampoule is supplied in sterile condition; therefore, Histoacryl® is the ideal tissue adhesive for use in the OR.³

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^{11, 12}
- ▶ emergency room^{13, 14}



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

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

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

¹⁴ 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



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