

Histoacryl[®]

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 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; 1382-1384

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

³ Amiel GE et al., *J Am Coll Surg* 1999; 189: 21-25

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



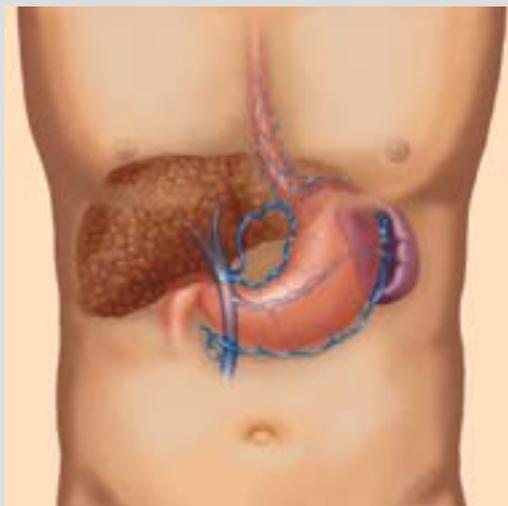
Apply Histoacryl® sparingly



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

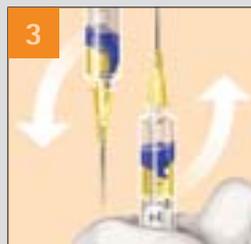
A Consolidated Technique^{9,10}



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

⁴ Binmoeller KF, Soehendra N, *Endoscopy* 1995; 27: 392-396

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

⁶ Feretis C et al., *Endoscopy* 1995; 27: 358-364

⁷ Seewald S et al., *Endoscopy* 2002; 34: 926-932

⁸ Tan PC et al., *Hepatology* 2006; 43: 690-697

⁹ Seewald S et al., *Endoscopy* 2003; 35: 136-144

¹⁰ Seewald S et al., *Gastrointestinal Endoscopy* 2008; 68: 447-454

* According to the doctor's experience

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

Histoacryl®

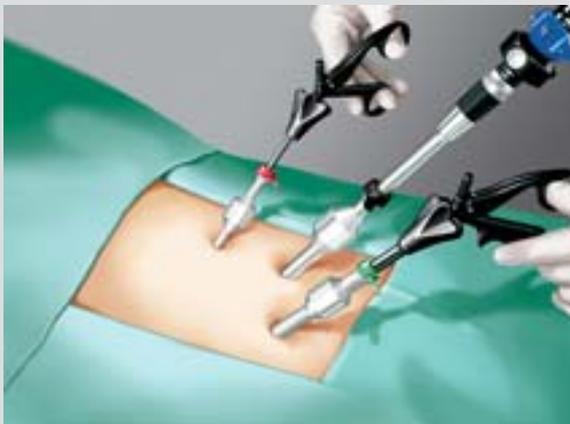
Protection gets everywhere

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.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): 157-159.



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): 193-195

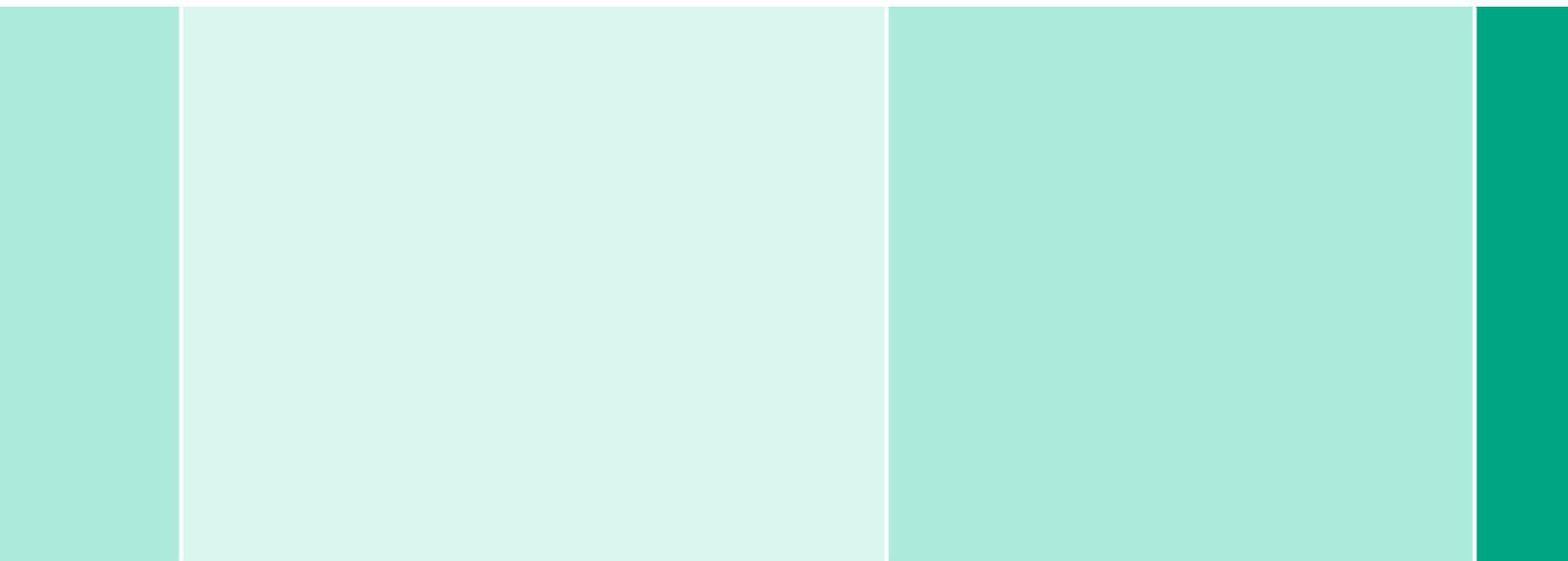
¹² Quinn JV et al., *Ann Emerg Med* 1993;22(7): 1130-1135

¹³ Bruns TB et al., *Pediatrics* 1996; 98(4): 673-675

¹⁴ Göktas N et al., *Eur J Emerg Med* 2002; 9(2):155-158

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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