



# Histoacryl® Flexible Pack

The Advanced Choice for Skin Closure



# Histoacryl® Flexible Pack

## The Advanced Choice for Skin Closure

Histoacryl® Flexible is a **topical skin adhesive** that polymerizes upon contact with tissue, providing sufficient bond strength, for the **closure of skin wounds with minimum-tension** (1-3).



More than **15 years** of experience

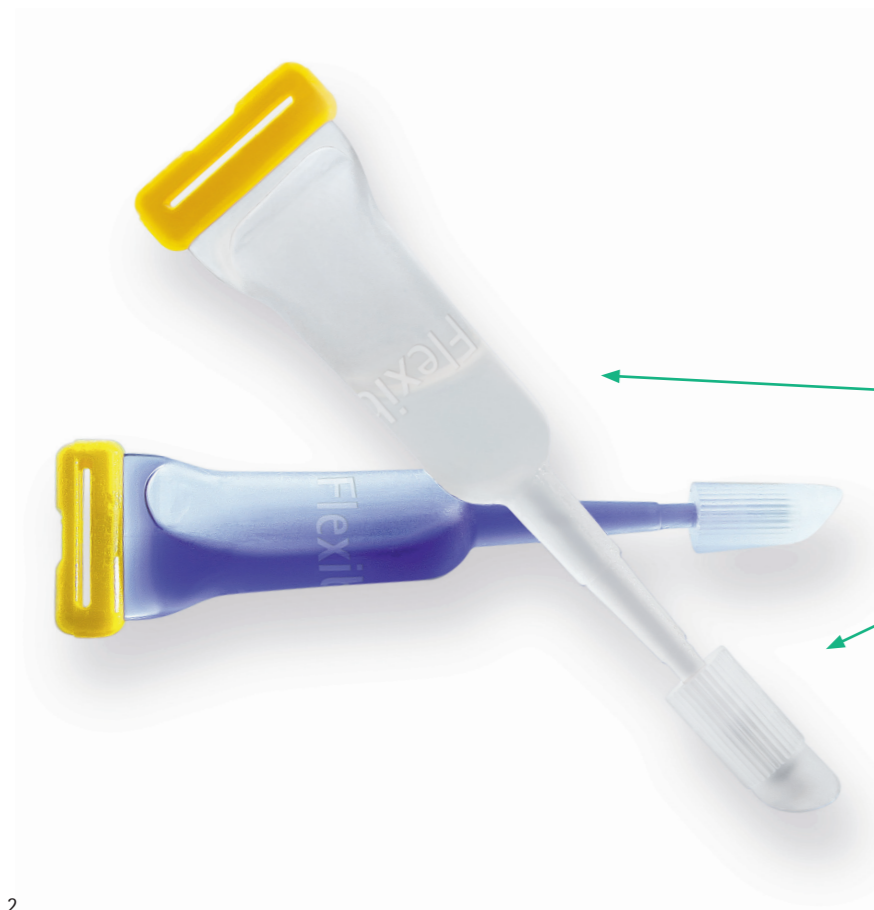


In more than **55 countries** around the world

**2 in 1** Advanced formulation for closure of **short & long incisions up to 25 cm** (proven by in-vitro data) (4-6)



**Versatile** across a wide range of surgical procedures and emergency departments



Composed of butyl-cyanoacrylate (NBCA) and a softener that provides **extra flexibility** (5, 6)

Includes a special **tip** for a more **precise & comfortable application**

## Common Features



### High patient satisfaction

- **Less pain** than suture materials in skin closure (2).
- Patient **recovery time** after wound closure is **shorter** than with subcuticular sutures (2).



### Saves time

- **Decreased skin closure time** compared to sutures (1).



### Microbial barrier

- In vitro studies have shown that Histoacryl acts as a physical microbial barrier **during 7 days** for the following bacteria (7, 8):
  - *Staphylococcus aureus*
  - *Staphylococcus epidermis*
  - *Pseudomonas aeruginosa*
  - *Escherichia coli*
  - *Enterococcus faecium*
  - *Brevundimonas diminuta*
  - *Candida albicans*



### Safe and efficient polymerization

- **30 seconds** polymerization (9).
- Only the application of a **single layer** of adhesive is required (1).



### Ready to use

- Storable at **25 °C** (10)
- No polymerization in the tip nor in the ampoule once the product is opened

# Histoacryl® Flexible Pack

Now 2 versions available

## Histoacryl® Flexible Pack Blue version

Improves visibility during application



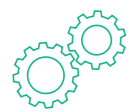
## Histoacryl® Flexible Clear Pack Clear version

Specially designed for facial and cosmetic applications

**NEW 15-unit boxes:** same compact size, now with more content



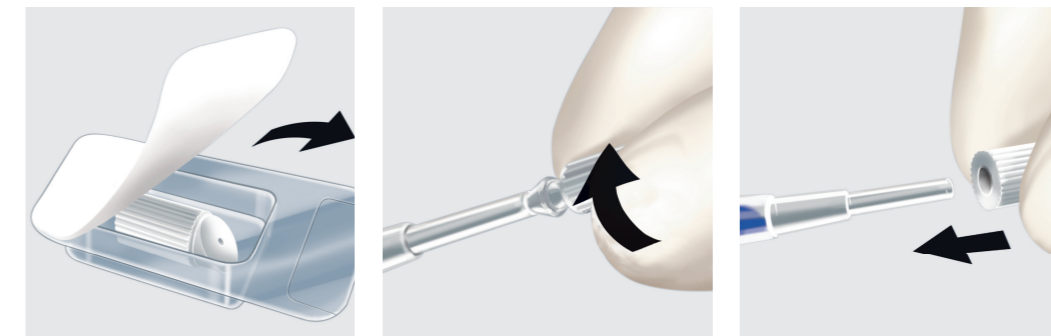
More sustainable choice



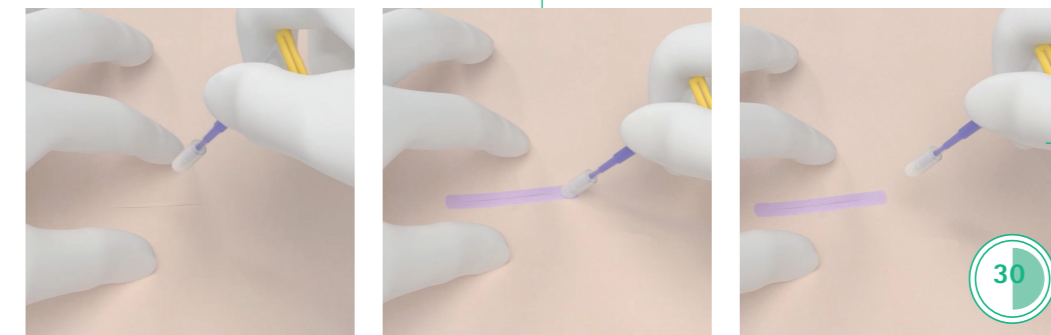
More efficient storage



## How to apply Histoacryl® Flexible Pack



1. Open blister and take out the application tip
2. Open the ampoule by twisting off the ribbed tip
3. Attach application tip to the open ampoule



4. Hold the wound edges together
5. Apply the adhesive along the incision
6. Hold the edges 30 seconds to allow polymerization.

Only 1 layer of adhesive required (1)

During the polymerization the temperature increase is around of 4 °C (from 37 °C to 41.4 °C) (9)

**After application**

- No dressing is needed afterwards (1)
- Showering is allowed (1)
- No removal visit required: spontaneously detaches 4-8 days (9)

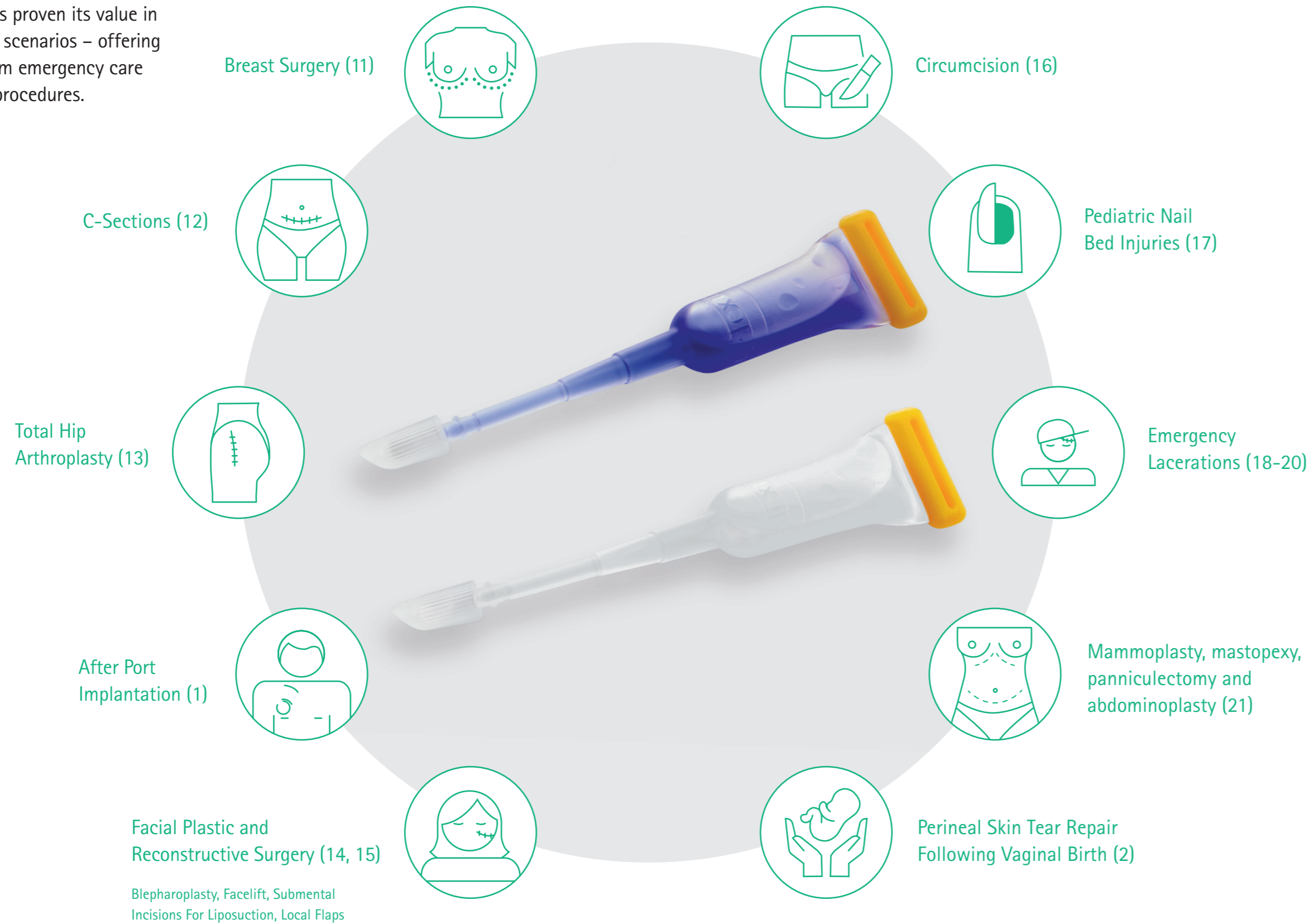
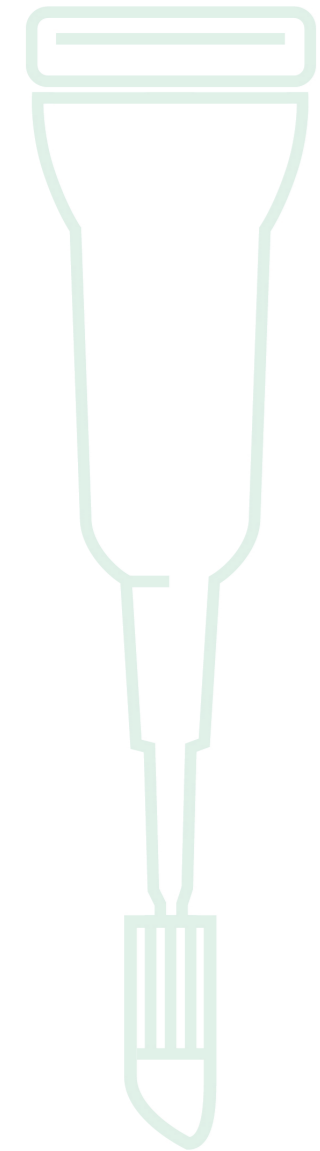
**Microbial barrier (7, 8)**

**Flexibility**  
Closure of wounds up to 25 cm (4-6)

# Histoacryl® portfolio

Versatile across multiple surgical procedures

Histoacryl® portfolio has proven its value in a wide range of clinical scenarios – offering reliable skin closure from emergency care to specialized surgical procedures.



# Histoacryl® Flexible Pack

Ordering Information

Articles Description	Units	Color	Article Code
Histoacryl® Flexible Pack 0.5 mL and 5 tips per box	5 ampoules	Blue	1051250P
Histoacryl® Flexible Pack 0.5 mL and 10 tips per box	10 ampoules	Blue	1051260P
Histoacryl® Flexible Pack 0.5 mL and 15 tips per box	15 ampoules	Blue	1051270P
Histoacryl® Flexible Clear Pack 0.5 mL and 5 tips per box	5 ampoules	Undyed	1051205P
Histoacryl® Flexible Clear Pack 0.5 mL and 10 tips per box	10 ampoules	Undyed	1051210P
Histoacryl® Flexible Clear Pack 0.5 mL and 15 tips per box	15 ampoules	Undyed	1051215P



For more information visit  
Histoacryl® Flexible Pack website

## References / Studies

1. Witting S, Ingwersen M, Lehmann T, Aschenbach R, Eckardt N, Jürgen Zanow, et al. Wound Closure After Port Implantation—A Randomized Controlled Trial Comparing Tissue Adhesive and Intracutaneous Suturing. *Dtsch Arztebl Int.* 2021;118(44):749–55.
2. Dasriyah RA, Kalok A, Ng BK, Ali A, Teik Chew K, Lim PS. Perineal skin tear repair following vaginal birth; skin adhesive versus conventional suture – a randomised controlled trial. *J Obstet Gynaecol.* 2021;41(2):242–7.
3. RDR/DID/CHM/SLE/23009 – Performance Characterization of Histoacryl Flexible
4. RDR/DID/CHM/DCE/16106 – Validation of Histoacryl® Flexible\_in vivo study
5. Report ECT / Dr. Gabriel Siedle / Test of the flexibility of Histoacryl® and Histoacryl® Flexible, November 2012
6. Frey-Tox Report / Lab.- Nr. 03145 / Flexible Gewebekleber
7. Internal Report\_MDT medical device testing GmbH report / Project 12m020 / Determination of Microbiological Barrier Properties of Two Topical Skin Adhesives
8. MDT microbial device testing GmbH report / Project 13m155 / Determination of Microbiological Barrier Properties of Two Topical
9. Histoacryl® Flexible Instructions for Use
10. RDR/DID/CHM/SLE/20053 – Real Time Stability Study on Histoacryl Flexible – 25 °C – 60%
11. Sun T, Liu S, Sun G. Application of Histoacryl Tissue Glue in Breast Surgery. *IOP Conf Ser Mater Sci Eng* 2019;562(1):012144.
12. Kwon JY, Yun HG, Park IY. n-Butyl-2-cyanoacrylate tissue adhesive (Histoacryl) vs. subcuticular sutures for skin closure of Pfannenstiel incisions following cesarean delivery. *PLoS One.* 2018;13(9):e0202074.
13. Kong X, Yang M, Cao Z, Chen J, Chai W, Wang Y. Tissue adhesive for wound closure in enhanced-recovery total hip arthroplasty: a prospective, randomized and controlled study. *BMC Musculoskelet Disord.* 2020;21(1):178.
14. Veloudios A, Kratky V, Heathcote JG, Lee M, Hurwitz JJ, Kazdan MS. Cyanoacrylate tissue adhesive in blepharoplasty. *Ophthalmic Plast Reconstr Surg.* 1996;12(2):809–97.
15. Ellis DA, Shaikh A. The ideal tissue adhesive in facial plastic and reconstructive surgery. *J Otolaryngol.* 1990;19(1):68–72.
16. Huang C, Wan, T, Weng L, Chen H. Useful Tips and Tricks for Secure Circumcision. *Urological Science.* 2019;30(3):p 136–9.
17. Edwards S, Parkinson L. Is Fixing Pediatric Nail Bed Injuries With Medical Adhesives as Effective as Suturing?: A Review of the Literature. *Pediatr Emerg Care.* 2019;35(1):75–7.
18. Farion KJ, Russell KF, Osmond MH, Hartling L, Klassen TP, Durec T, et al. Tissue adhesives for traumatic lacerations in children and adults. *Cochrane Database Syst Rev.* 2002;2002(3):CD003326.
19. Bruns TB, Simon HK, McLario DJ, Sullivan KM, Wood RJ, Anand KJ. Laceration repair using a tissue adhesive in a children's emergency department. *Pediatrics.* 1996;98(4 Pt 1):673–5.
20. Barnett P, Jarman FC, Goodge J, Silk G, Aickin R. Randomized trial of histoacryl blue tissue adhesive glue versus suturing in the repair of paediatric lacerations. *J Paediatr Child Health.* 1998; 34(6):548–50.
21. Koonce SL, Eck DL, Shaddix KK, Perdakis G. A prospective randomized controlled trial comparing N-butyl-2 cyanoacrylate (Histoacryl), octyl cyanoacrylate (Dermabond), and subcuticular suture for closure of surgical incisions. *Ann Plast Surg.* 2015;74(1):107–10.



B. Braun Surgical, S.A. | Carretera de Terrassa, 121 | 08191 Rubí | Spain  
Phone +34 93 586 6200 | [www.bbraun.com](http://www.bbraun.com)

## AESCULAP® – a B. Braun brand

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

The product trademark "Histoacryl" is a registered trademark of B. Braun Melsungen AG.

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.

B57102 0526/0.08/1