

The skin edges are approximated with fingers of the other hand, taking care not to include the gloves in the application process. It is important to practise controlling the applicator and get used to adhesive viscosity. The glue should cover the wound plus about 5–10 mm of skin on either side. Polymerisation takes 30–45 seconds. Two additional layers should be used, with 10–15 seconds between each layer. Full strength is achieved after 2.5 minutes.

REFERENCES

- 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* 2009;1:CD003326.
- Singer AJ, Quinn JV, Hollander JE. The cyanoacrylate topical skin adhesives. *Am J Emerg Med* 2008;26:490–6.
- Singer AJ, Thode HC. A review of the literature on octylcyanoacrylate tissue adhesive. *Am J Surg* 2004;187:238–48.
- Göktas N, Karcioğlu O, Cosun F, Karaduman S, Menderes A. Comparison of tissue adhesive and suturing in the repair of lacerations in the emergency department. *Eur J Emerg Med* 2002;9:155–8.
- Chow A, Marshall H, Zacharakis E, Paraskeva P, Purkayastha S. Use of tissue glue for surgical incision closure: a systematic review and meta-analysis of randomised controlled trials. *J Am Coll Surg* 2010;211:114–25.
- Lo S, Aslam N. A review of tissue glue use in facial lacerations: potential problems with wound selection in accident and emergency. *Eur J Emerg Med* 2004;11:277–9.
- Coulthard P, Esposito M, Worthington HV, van der Elst M, Van Waes OJ, Darcy J. Tissue adhesives for closure of surgical incisions. *Cochrane Database Syst Rev* 2010;5:CD004287.
- Zempsky WT, Parrotti D, Grem C, Nichols J. Randomised controlled comparison of cosmetic outcomes of simple facial lacerations closed with Steri Strip skin closures or Dermabond tissue adhesive. *Pediatr Emerg Care* 2004;20:519–24.
- Eaglstein WH, Sullivan T. Cyanoacrylates for skin closure. *Dermatol Clin* 2005;23:193–8.
- Matick A. Use of tissue adhesives in the management of paediatric lacerations. *Emerg Med J* 2002;19:382–5.
- Man SY, Wong EM, Ng YC, Lau PF, Chan MS, Lopez V, et al. Cost-consequence analysis comparing 2-octyl cyanoacrylate tissue adhesive and suture for closure of simple lacerations: a randomised controlled trial. *Ann Emerg Med* 2009;53:189–97.
- Lin M, Coates WC, Lewis RJ. Tissue adhesive skills study – the physician learning curve. *Pediatr Emerg Care* 2004;20:219–23.

FURTHER READING

Singer AJ, Kinariwala M, Lirov R, Thode HC Jr. Patterns of use of topical skin adhesives in the emergency department. *Acad Emerg Med* 2010;17:670–2.

Book review

Therapeutic Guidelines: Ulcer and wound management. Version 1.

Melbourne: Therapeutic Guidelines Limited; 2012.
87 pages

The prevalence of ulcers in the community has been estimated to be up to 2% and contributes a significant impost on the health budget. This has led to a general realisation of the importance of not only managing, but preventing this potentially chronic problem. This handbook highlights the importance of not treating the ulcer in isolation, but also considering factors that influence healing and the effects of the ulcer on the patient.

The handbook covers the causes of ulcers and wounds and their management in an easy-to-read and informative manner. It gives guidance on the

role of investigations, antibiotics, dressings and, in particular, management for particular ulcer beds. Importantly, less commonly addressed issues such as pain management are outlined.

The text is supplemented with boxes and figures which summarise assessment and treatment plans for individuals with ulcers. The photos used are true representations of the pathologies described.

The information within the handbook has been extensively researched and is in keeping with international consensus guidelines. The handbook would serve as an excellent adjunct for the specialist, medic and paramedic who has an interest in wound and ulcer management.

Mauro Vicaretti

Head of Vascular Surgery
Westmead Hospital
Sydney

