

LIQUIBAND[®] Flow Control

The future of wound closure



microbial
barrier



fast set
time



flow control
applicator



strong
and secure



excellent
cosmesis

Precision Minor Wound Closure

Precision wound closure with *LiquiBand[®] Flow Control*

Perfectly suited for use in the **EMERGENCY DEPARTMENT**



Advanced Medical Solutions

www.liquiband.com

LIQUIBAND® Flow Control

The future of wound closure

Features

- No staple or suture removal*, non invasive, microbial barrier protection¹, fast setting, strong and secure³, one application required, excellent cosmetic result⁴, single use only.
- **LiquiBand® Flow Control** contains sterile n-butyl cyanoacrylate, it is perfectly suited for use in Emergency Departments and designed for closure of clean fresh wounds where the edges are easily apposed.
- **LiquiBand® Flow Control** has a Flow Control precision applicator ideal for use on the facial triangle⁶.
- **LiquiBand® Flow Control** can assist in managing 4 hour A&E breaches⁸.
- **LiquiBand® Flow Control** acts as a waterproof barrier⁷, patients can shower without compromising the wound closure.

Performance

FLOW CONTROL APPLICATOR

- The flow control tip was developed to give controlled drop or continuous flow application by diffusing trapped air in the system. It allows the practitioner to apply the skin adhesive with precision.

REDUCED TRAUMA TO THE PATIENT⁵

- Improved patient hygiene. Patient can lightly shower/clean the area.

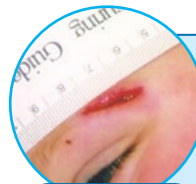
FAST SETTING²

- **LiquiBand® Flow Control** is a fast setting n-butyl cyanoacrylate and sets (polymerise) in less than 20 seconds.

SIZES AND CODES

Product	Size	Qty Per Box	Product Code	NHS SC Code
LiquiBand® Flow Control	0.5gm	10	LBFC 0010	FVF 002

CASE STUDY



WOUND PRIOR TO CLOSURE

A 2 year old boy arrived in the Emergency Department with a 3cm laceration to the supraorbital ridge after falling at playschool and banging his head.

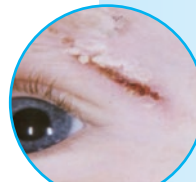
After cleaning and debriding the wound it was closed using **LiquiBand® Flow Control** skin adhesive, without local anaesthetic. Using the precision applicator supplied, care was taken to avoid contact with the eye. No antibiotics or wound dressings were required.



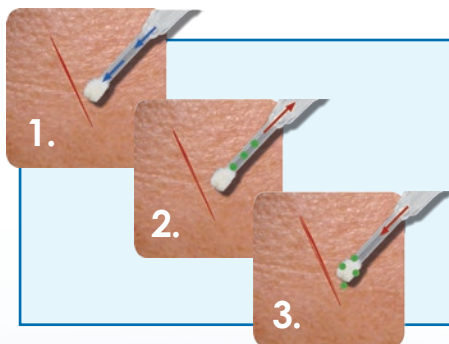
WOUND POST CLOSURE

FOLLOW UP 7 DAYS

The wound was completely intact and showed no signs of inflammation, infection or dehiscence. No further treatment or dressings were required and no problems were reported. The cosmetic appearance was acceptable, showing no signs of any irregularities.



WOUND AFTER 1 WEEK



LiquiBand® Flow Control has a nylon tip, which acts as a reservoir, allowing the user to adopt a more controlled, precise and hence safer application of the skin adhesive.

During the application the ampoule is squeezed which creates a positive pressure effect as the contents are expelled out of the ampoule. As soon as the user releases pressure on the ampoule negative pressure is created within. Micro organisms are then sucked back into the ampoule.

If the same ampoule is then used on another patient any contaminants are passed onto that patient.

REFERENCES

1. Eiferman et al. Antibacterial effect of cyanoacrylate glue. Arch Ophthalmol. 1983. Vol 101, June. 2. B-LB-05-1/12 Data of amalgamation of the results from multiple studies undertaken to evaluate the use of LiquiBand Tissue Adhesive in the closure of the epidermis of surgical wounds – 18th April 2001. 3. Dowson et al. (2004) A prospective, randomised controlled trial comparing n-butyl cyanoacrylate tissue adhesives (LiquiBand) with sutures for skin closure after laparoscopic general procedures. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 4. The choice of Topical Skin Adhesives for Wound Closure and Microbial Barrier Protection Spans Surgical Specialities and Procedures. A report by Healthcare Division, Touch Briefings 2004. 5. Naz et al. (1997) Evaluation of a new tissue adhesive for closure of Laparoscopic surgical incision in day surgery; The Journal of One Day Surgery VOL 17:3. 6. Schofield, G (2010) Combined results of a tri centre case studies in the clinical effectiveness of LiquiBand and LiquiBand Flow Control. 7. Singer et al. (2007) The cyanoacrylate topical skin adhesives The American Journal of Emergency Medicine 26:490-496. 8. Data on AMS file.

* If sutures are not required

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