Figure 3 Incorrect needle trajectory heading towards labrum

References

1. Fariñas Barberá O, Sáenz Navarro I. Portal Anatomy. In: Byrd JW. *Operative Hip Arthroscopy*. 3rd edn. New York: Springer; 2013. p99–112.
2. Domb B, Hanypsiak B, Botser I. Labral penetration rate in a consecutive series of 300 hip arthroscopies. *Am J Sports Med* 2012; **40**: 864–869.
3. Badyalak JS, Keene JS. Do iatrogenic punctures of the labrum affect the clinical results of hip arthroscopy? *Arthroscopy* 2011; **27**: 761–767.
4. Byrd JW. Avoiding the labrum in hip arthroscopy. *Arthroscopy* 2000; **16**: 770–773.

A novel paediatric thumb web splint

J Kamath, N Jayasheelan

Kasturba Medical College Mangalore, Manipal University, India

CORRESPONDENCE TO

Nikil Jayasheelan, E: dr_nikil@yahoo.com
doi 10.1308/rcsann.2016.0208

The toe spreader (Fig 1), which is made of dermatologically friendly silicone gel, is a commonly used orthosis for the conservative management of toe deformities in adults. Paediatric thumb web contractures of varied aetiologies are a common clinical entity in orthopaedics. The majority require an effective splint, whether for conservative or postoperative management.

TECHNIQUE

We have been using a commercially available adult toe spreader for managing paediatric thumb web contractures. The normal contour of the toe spreader fits nicely in the paediatric thumb web. However, to keep it in place in a very active child, we may need to incorporate the spreader into a wrist-based splint (Fig 2).

DISCUSSION

This modified splint is very soft, yet strong enough to maintain the thumb web in a functional position. It also does not prevent movement of the index finger at the metacarpophalangeal joint. In addition to being patient- and surgeon-friendly, the splint is washable and reusable. As the toe spreader comes in different sizes, it may be used as paediatric thumb web splint in different age groups.

Figure 1 Adult toe spreader

Figure 2 A case of posttraumatic scar contracture, which was released and covered with a distally based radial artery forearm flap. The released thumb web is maintained by the thumb web splint