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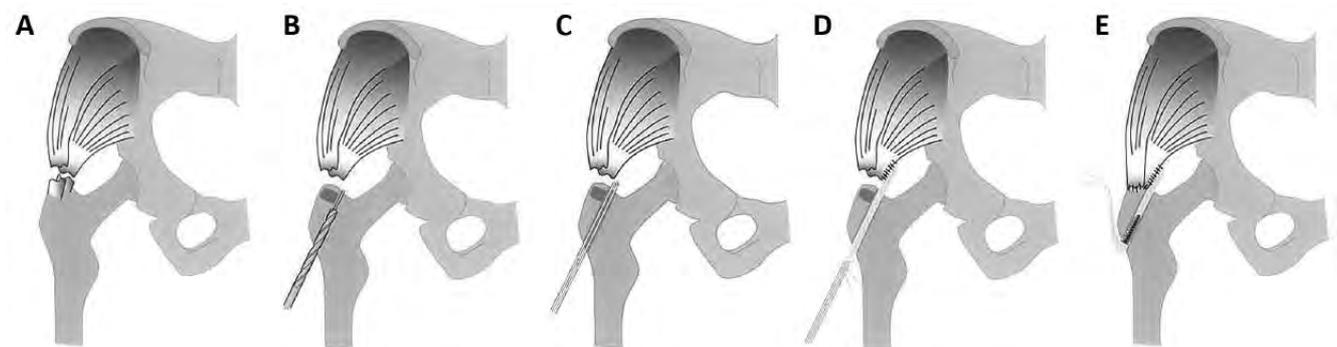
Claremont Murdoch Esperance

Why use LARS to augment gluteal tendon repair?

Repair of gluteal tendon tears may be considered to improve pain and function. Repairing these tendons with suture alone is associated with high re-tear rates due to the high forces at the repair site.

The LARS (Ligament Augmentation and Reconstruction System) is an artificial implant used to augment (reinforce) the gluteal tendon repair. The LARS ligament provides immediate mechanical support to the gluteal tendon repair allowing weight bearing immediately after surgery (with the help of crutches for 6 weeks).

LARS is made from a specially selected high strength polyethylene terephthalate (PET). This particular PET has been selected because it is very well accepted by the body.



The surgical procedure, including identification and evaluation of the tendon tear (A), drilling of the bony tunnel (B), passing of the flexible looped wire (C) and LARS ligament (D), and placing of the interference screw into the bone tunnel to secure the tension in the ligament/bone interface, along with subsequent formal repair of the gluteal tendons to the greater trochanter (E).

