## Growth Plate (Physeal) Sparing Anterior Cruciate Ligament Reconstruction for Children and Adolescents

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## Growth Plate (Physeal Sparing) All Epiphyseal ACL Reconstruction

- Hamstring tendon graft performed with an arthroscopic (camera assisted) technique
- X-ray during surgery and specialized guides allow for precise socket placement below and above the growth plates in the femoral (thigh) bone and tibial (shin) bone respectively.
- Since the growth plates are spared during this procedure there is an extremely low risk of any future disturbance of growth

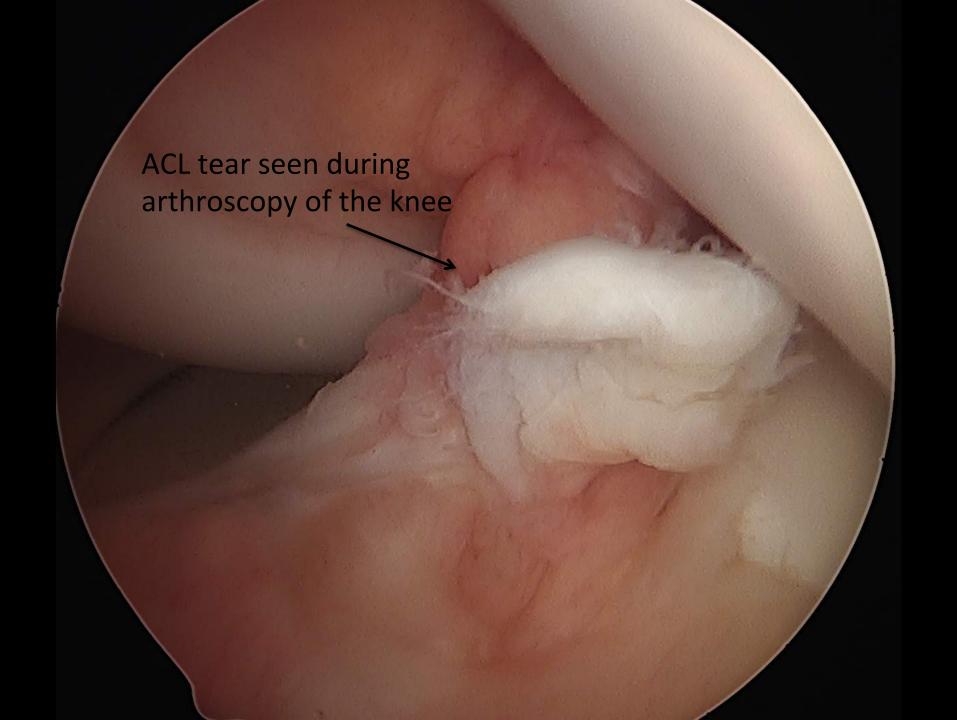
## 13 y boy injured during soccer

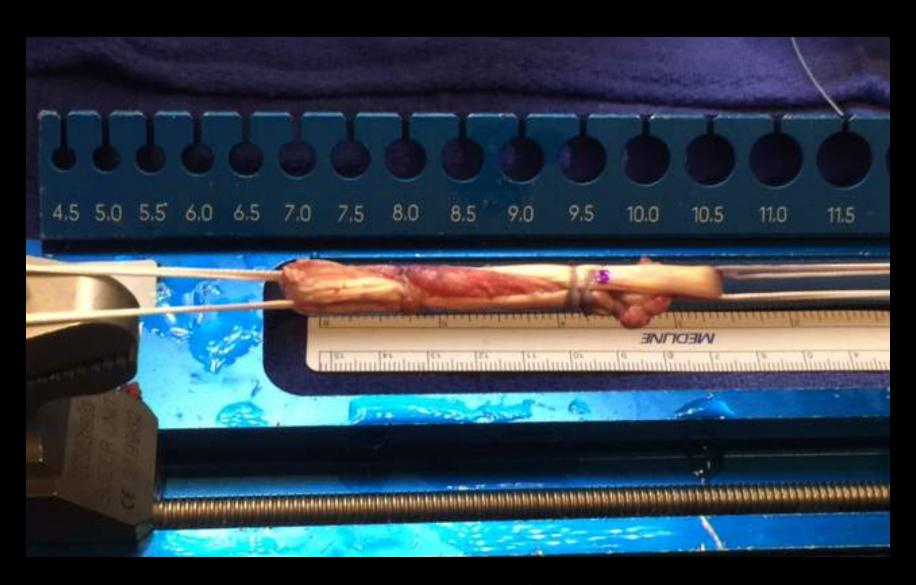




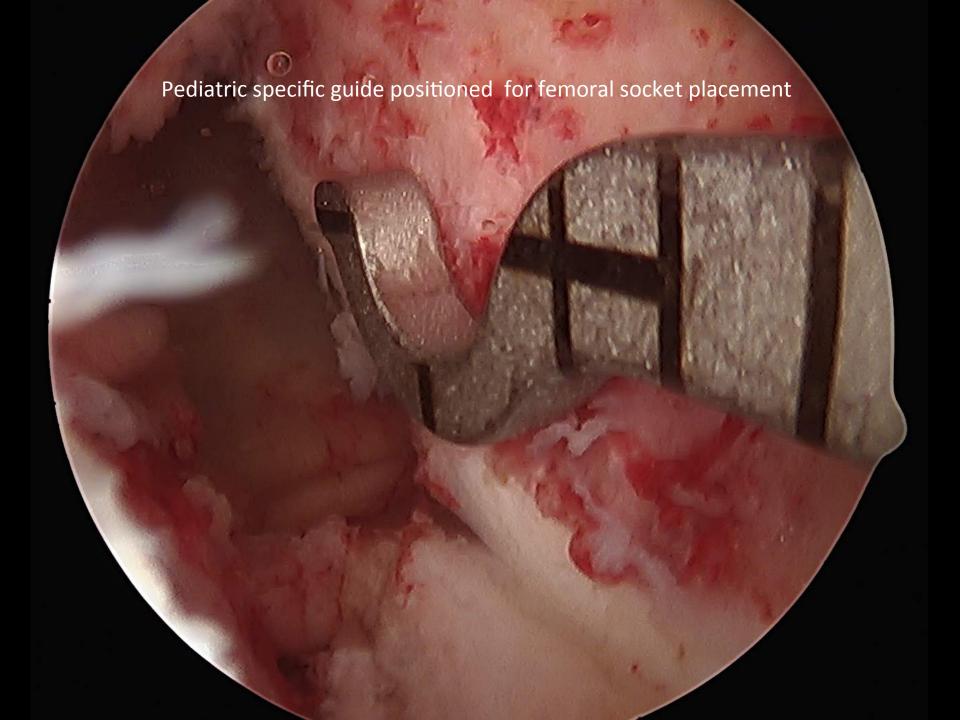


ACL tear on MRI

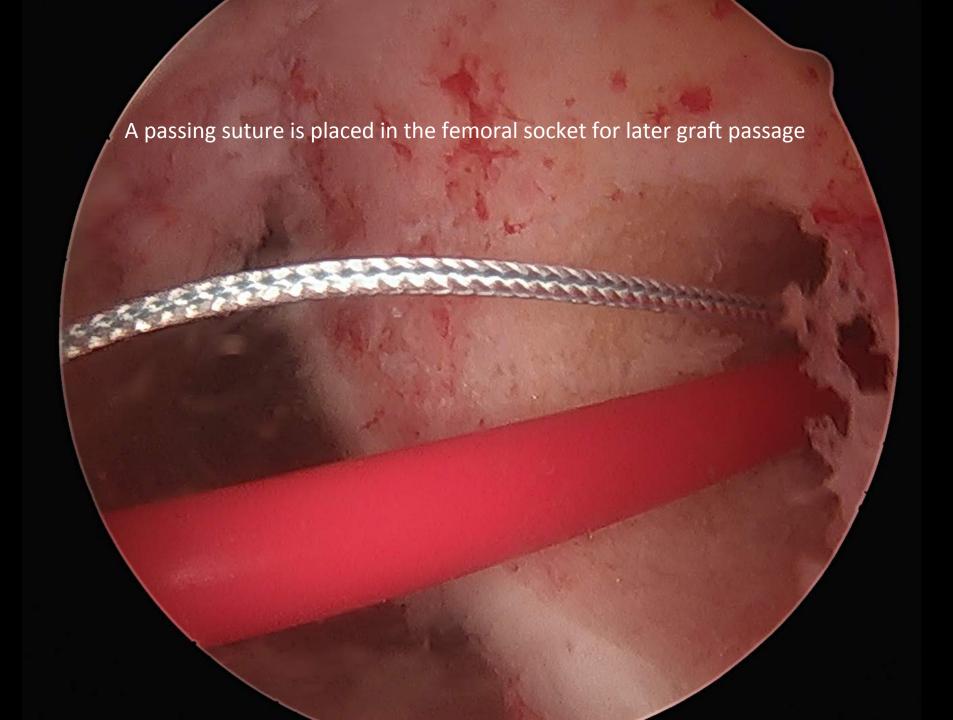


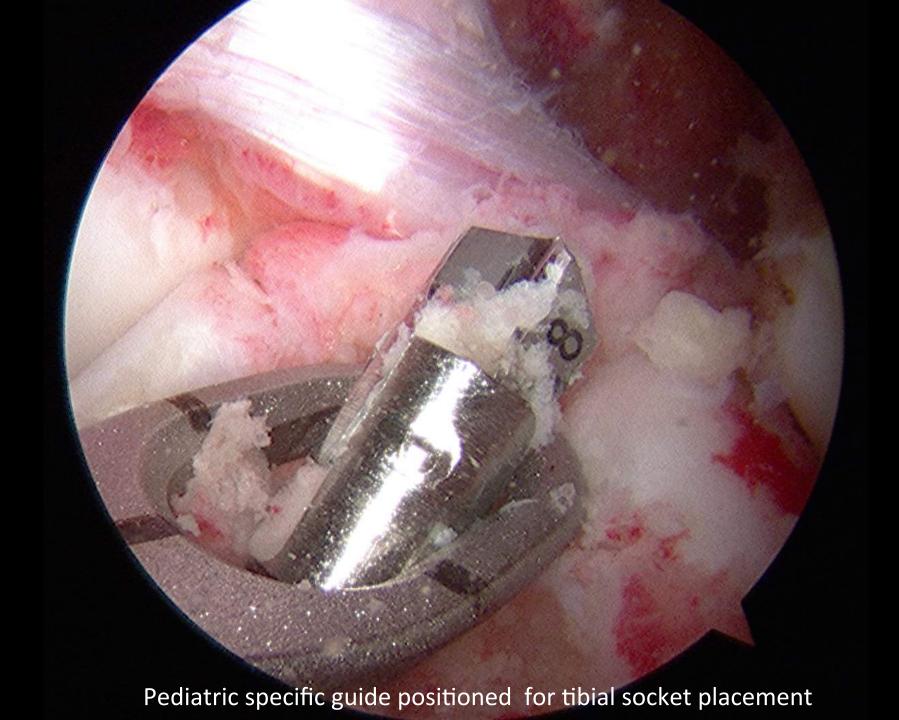


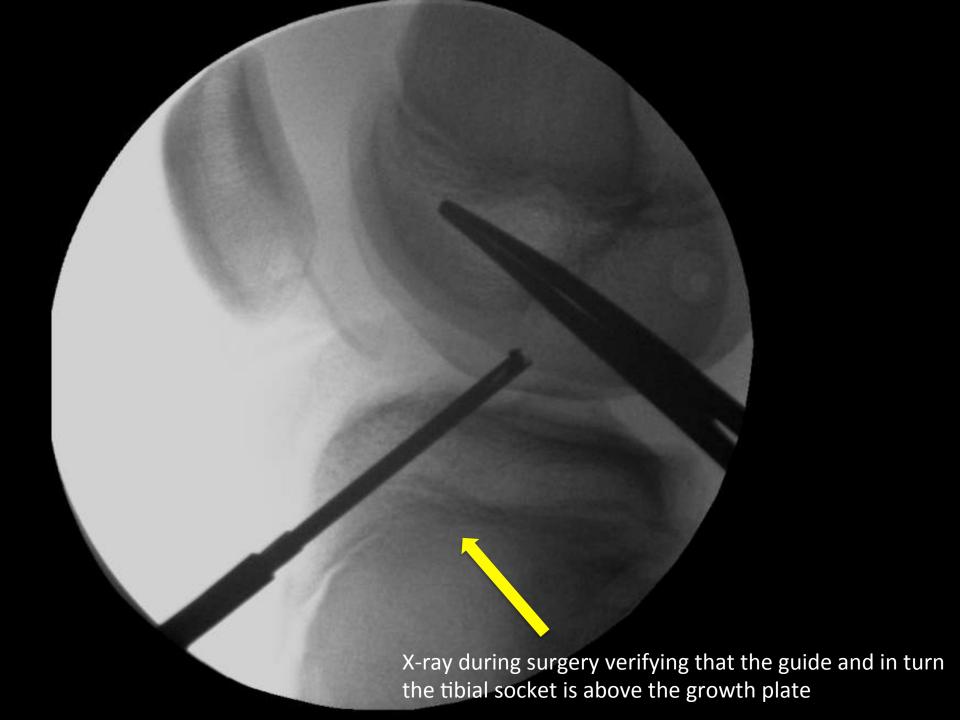
**Prepared Hamstring Graft for Implantation** 

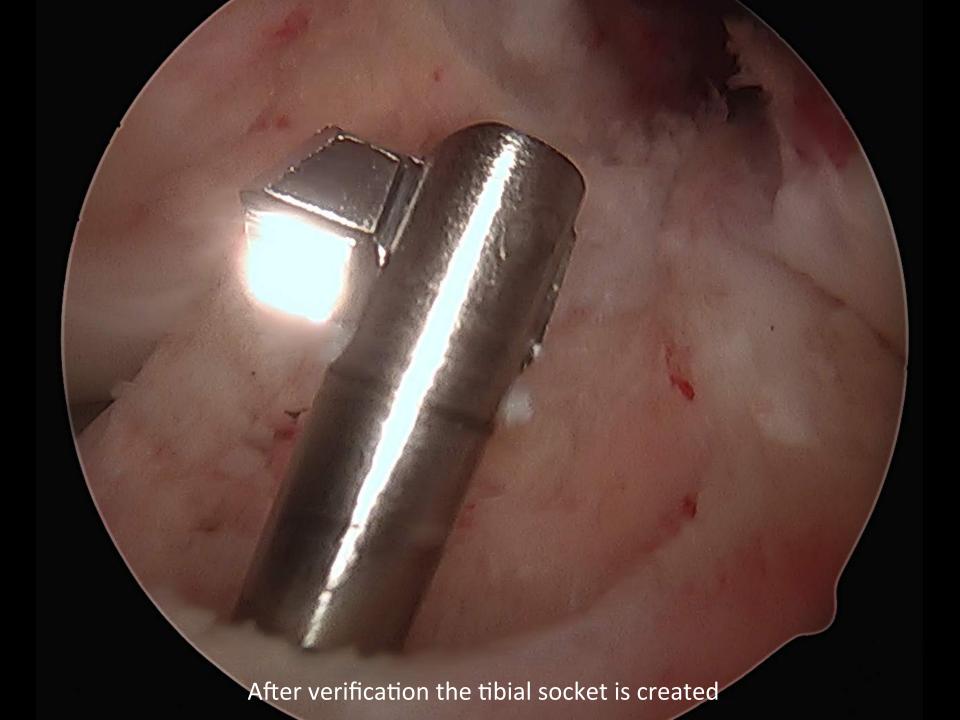


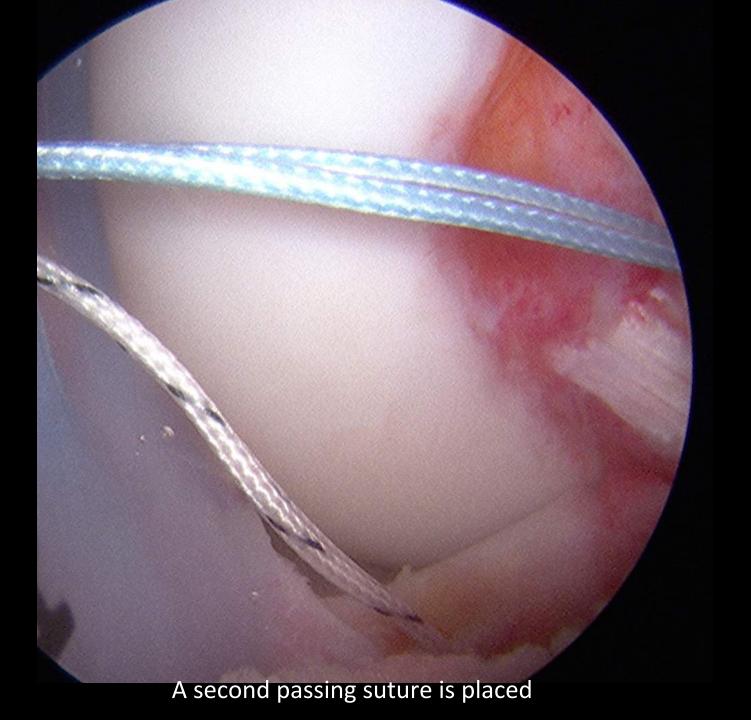


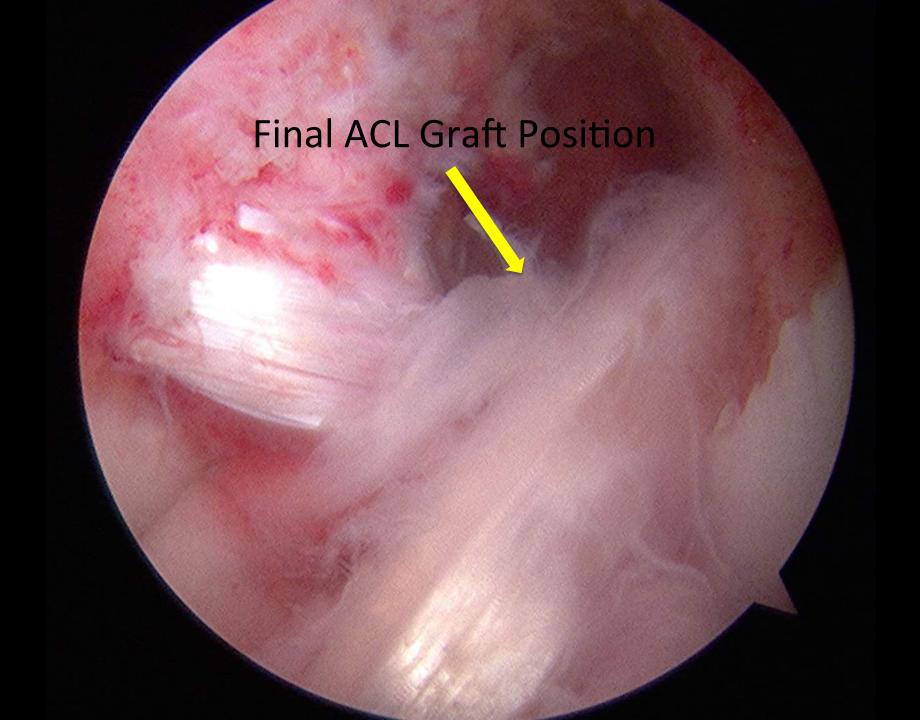














Final X-ray (front view of knee) during surgery verifying implant position



Final X-ray (side view of knee) during surgery verifying implant position