

How I Do PCL Reconstruction



Christopher D. Harner, MD Blue Cross Endowed Professor Medical Director, Center for Sports Medicine Department of Orthopaedic Surgery University of Pittsburgh Medical Center



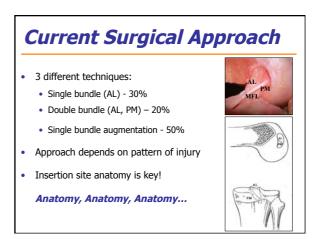
Greetings from Pittsburgh!

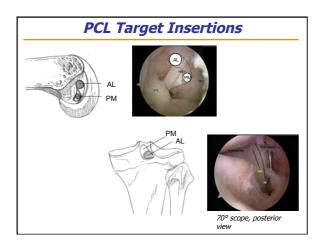


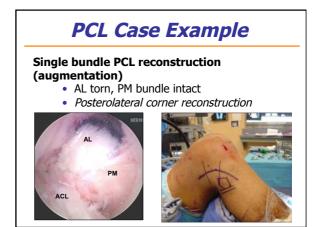


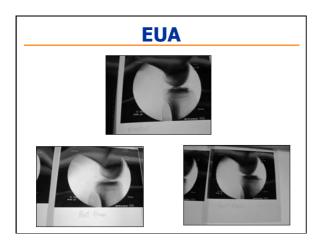


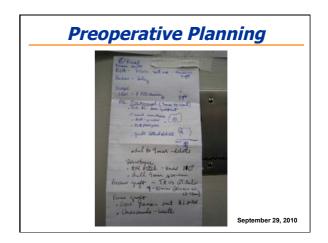




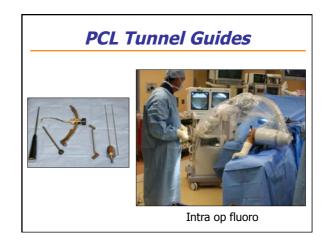


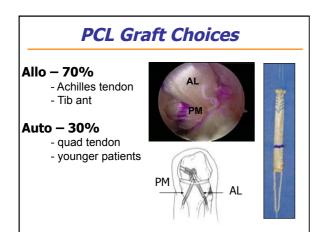










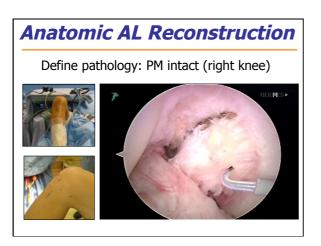


PCL Anterolateral (AL) Reconstruction

- 22 y/o baseball player
- 2 yrs s/p injury w/ instability
- EUA:
 - Grade II PCL and III PLC Arthroscopic findings:
- Intact PM bundle
- Plan:



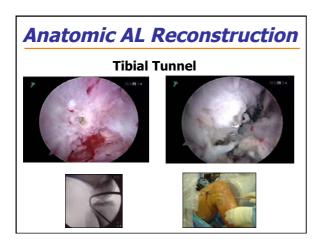
- Anatomic AL bundle reconstruction w/quad tendon autograft
- PLC reconstruction

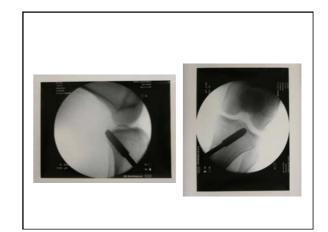


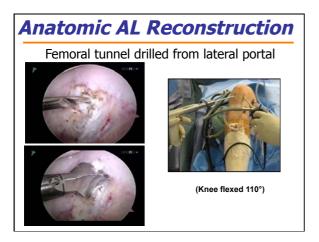


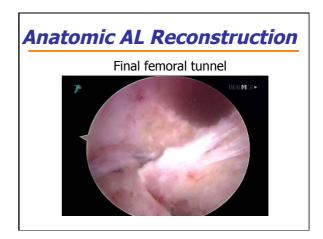


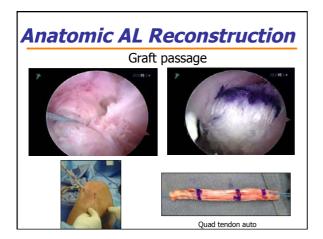


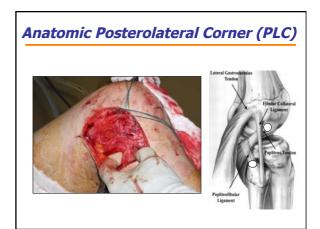




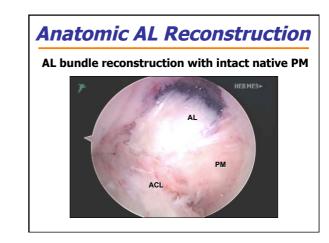


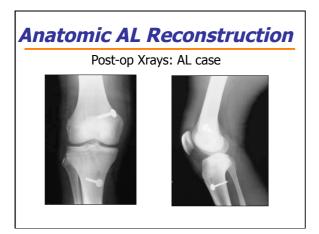












Conclusions

Augmentation

2 bundle 1 bundle

Collaterals

Osteotomy

- Not all PCL injuries are the same
- Most isolated PCL injuries are still treated non-operatively
- Decision regarding single bundle, double bundle and augmentation techniques are based on injury patterns and insertion site anatomy
- Remember to address all injured secondary restraints

