



Female age 28 Rt Knee: Failed Rev ACL reconstruction

Situation 2014

- Paralegal in law firm
- Ex Soccer, played for Major City Ladies team
- Giving way and medial pain. Cant run or play soccer
- Failed 2nd Revision ACL reconstruction (RIGHT)
- Successful LEFT knee ACL reconstruction
- Right: Varus Alignment, ACL deficient, Lateral thrust
- Prone dial test: 10 degrees increased ER
- No PCL sag
- No crepitus

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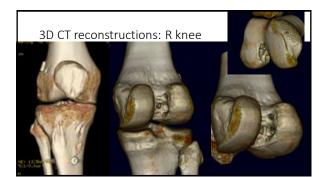
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Detail of previous surgery

- 2008 Feb: RIGHT knee injury Playing football
- 2008 August: 1st ACL reconstruction: BTB graft
- \bullet 2009 July: During training Locked and gave way. Rupture ACL.
- 2009 Nov: 1st Revision using allograft + medial meniscal BH tear resected.
- 2011 July: back to playing football
- 2011 Sept: 1st competitive game: LEFT ACL rupture: Hamstrings graft Feb 2012. Successful
- 2013 June: RIGHT 2nd Revision ACL surgery: 1 stage Hamstring tendons
- Never trusted it. Not back to football htmspalding.com

Imaging R Knee 2014 • Xrays: Varus with WBL 20% Med→Lat • MRI: 3 Tibial and 3 Femoral tunnels • CT scan for 3D recon



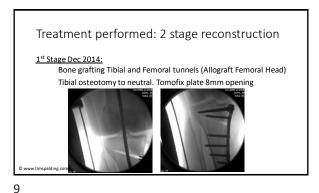
Treatment options and decisions?

Summary of Issues:

- Varus
- No functional ACL (BTB and both hamstrings used)
- No Medial meniscus
- Multiple tunnels with bone loss. Size >12mm

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3 months

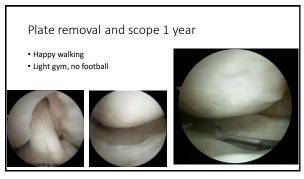
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2019: outcome

• Gym work

• Walking and cycling

• Mild kneeling pain

• Stable

• Not football

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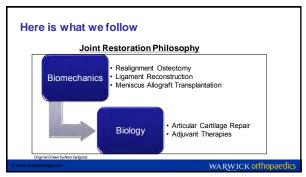
Discussion + messages

Understanding cause of failure ACL
Priority order of reconstruction
Realistic expectations
Compliant patient

Approach to the complex knee situation: 1. Get the information 2. Sort the priorities Dominant Pain or instability History – exact problem 'no 1 issue' Or both 50:50 Laxity pattern – clinical examination Alignment – sagittal, slope, rotation, patella Meniscus or chondral OA / wear - PA 30 xrays, MRI Meniscus – MRI, photos 3. Decide timings + Grafts Chondral – Good quality MRI, sequences Allograft or Auto Character of patient: Previous Rehab Staged Patient expectations, compliance Simultaneous Patient, Geography, Surgeon factors WARWICK orthop

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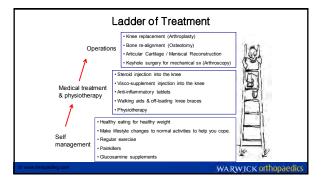
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