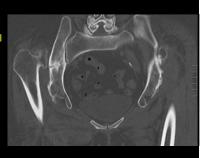
Total hip arthroplasty in the complex young adult hip

Over view

- Planning
- Congenital dysplasia/dislocation
- Old Perthes/SUFE
- Osteotomies

Planning

- Imaging - CT very useful
- Implants
- Technique & approach
- Monitoring



Planning

- Imaging
- Implants
 Retained metalwork
 Small sizes, template
 Modularity
 Bearing surface
- Technique & approach
- Monitoring



Planning

- Imaging
- Retained metalwork
 Small sizes, template
 Modularity
 Bearing surface

- Technique & approach
- Monitoring

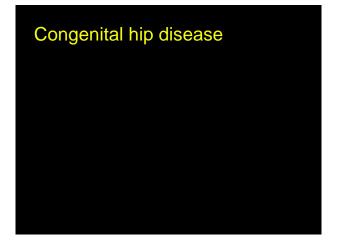


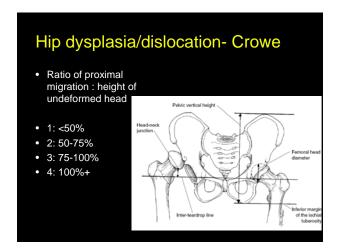
Planning

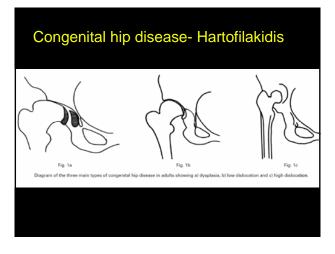
- Imaging
- Implants
- Technique & approach
- Monitoring

- Consider:
 - Previous incisions & approaches
 - Access requiredextensile approach
 - Need for osteotomies
 - Need for augmentation of bone

Planning Imaging Implants Technique & approach Monitoring

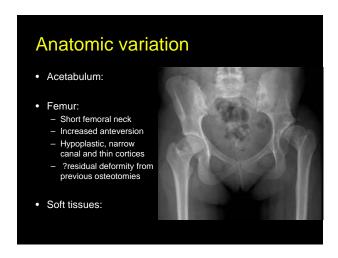


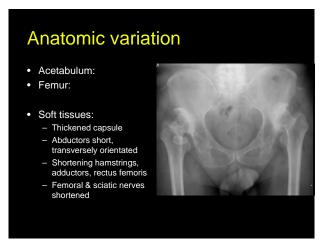




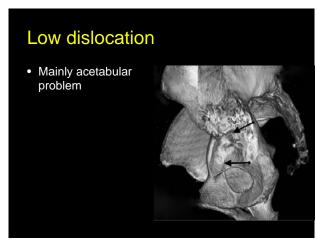
Anatomic variation Acetabulum: Femur: Soft tissues:



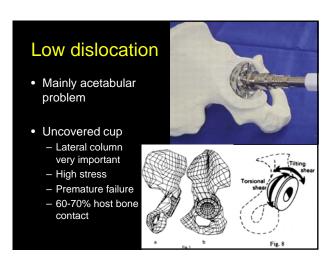






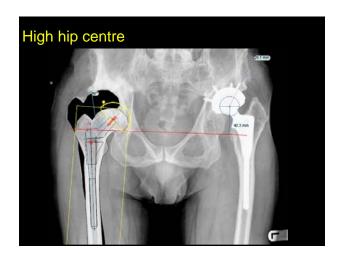


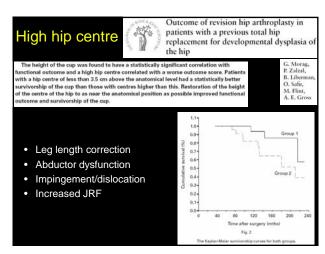




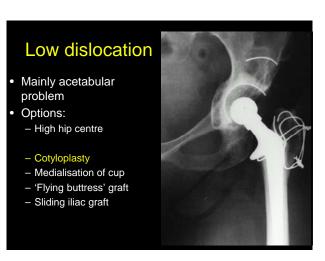


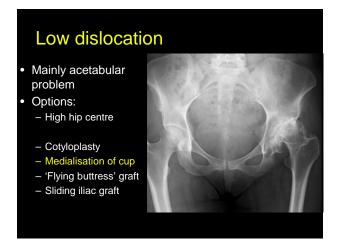




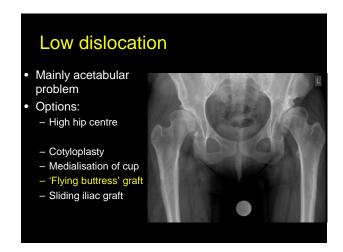


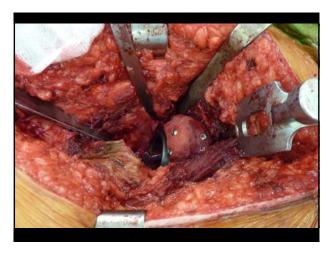




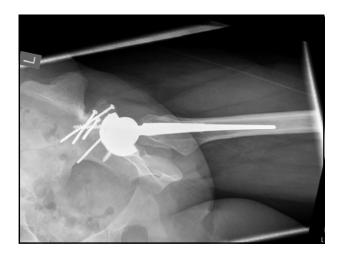


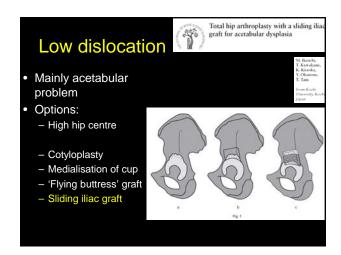


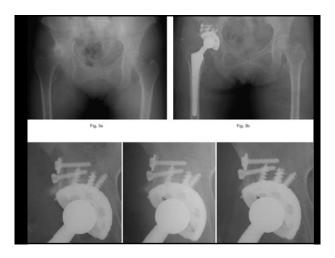


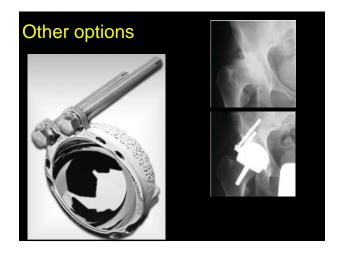








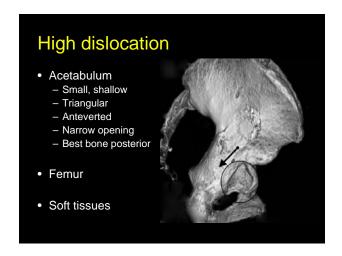






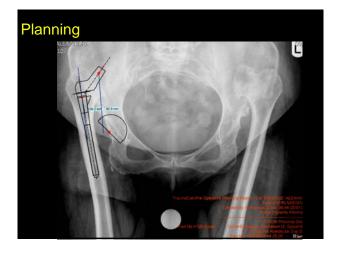




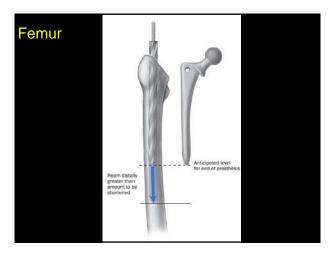




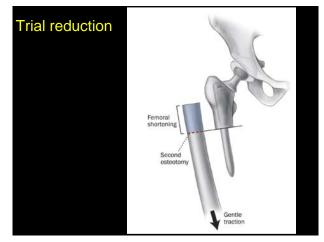


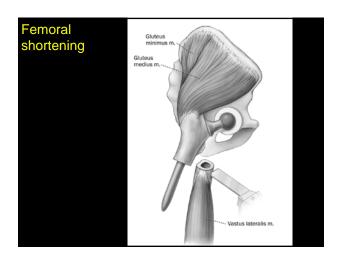


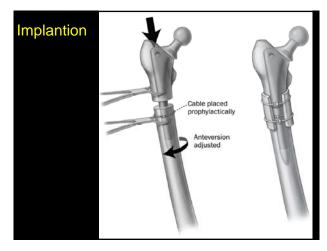


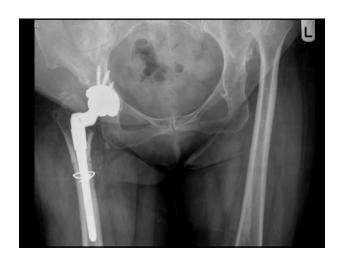




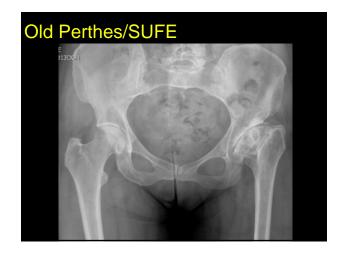












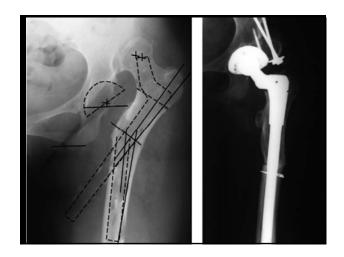
















In conclusion:

- Template
- Plan
- Be prepared