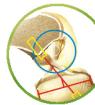
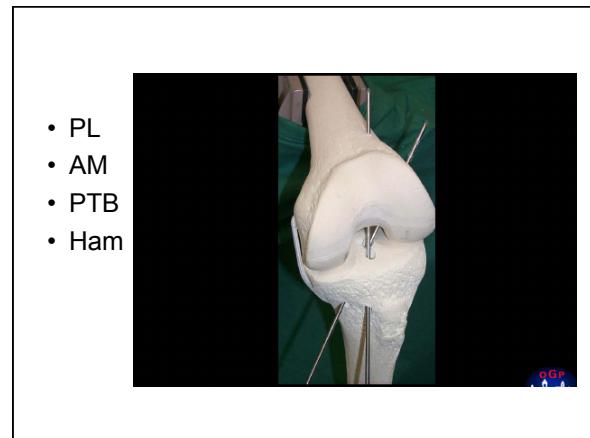


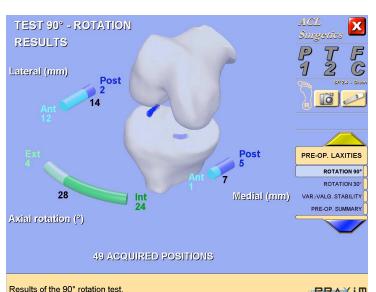
 3rd Advanced Course on Knee Surgery
January 17th - 22nd 2010

DB placement
Burt Klos , Netherland

 **ICON**



Rotation vs translation

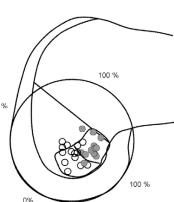


TEST 90° - ROTATION RESULTS
Lateral (mm): Ant 12 Post 2 14 Ext 3 Int 24 Axial rotation (°): 28
Medial (mm): Ant 5 Post 7
49 ACQUIRED POSITIONS
Results of the 90° rotation test.

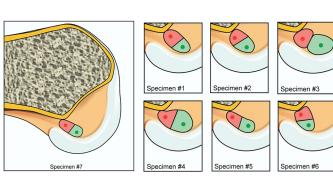
SB > DB

- Change to AM portal placement
- Increased flexion needs 90 > 120
- Consider to drill femur first
- Suture retriever / two color sutures
- Training

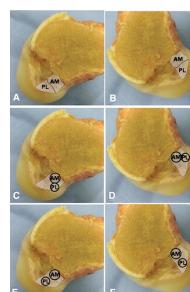
Aglietti 2007



COLOMBET 2006



Placement in flexion 100 degrees

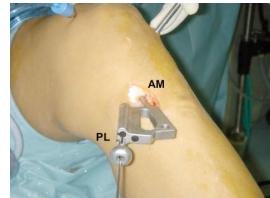


Zantop , Fu 2008 AJSM

Double bundle tunnels



Tibia DB guides



Consider CAOS

- Intra operative guidance
- Fu / Imhof /Ishibashi
- Rotation check preop /postop
 - Need for DB in individual patient
 - Improvement of rotation (quality control)

