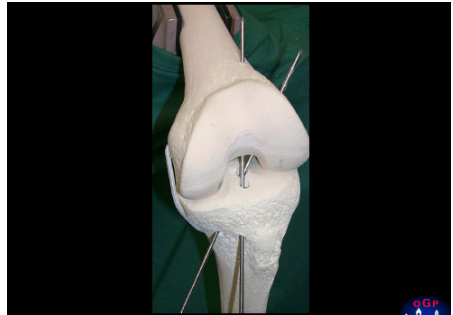



**3<sup>rd</sup> Advanced Course on Knee Surgery**  
 January 17<sup>th</sup> - 22<sup>nd</sup> 2010

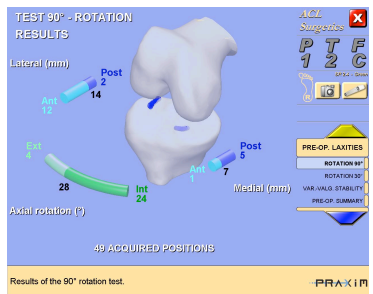
**DB placement**  
 Burt Klos , Netherland



- PL
- AM
- PTB
- Ham



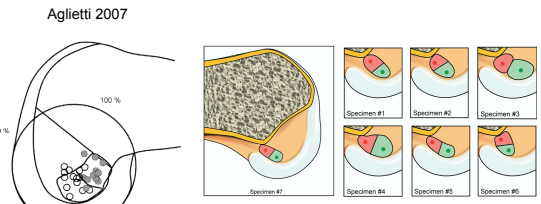
**Rotation vs translation**



**SB > DB**

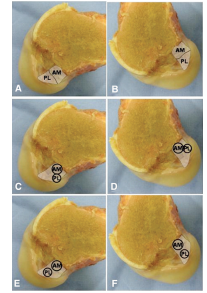
- Change to AM portal placement
- Increased flexion needs 90 > 120
- Consider to drill femur first
- Suture retriever / two color sutures
- Training

**Aglietti 2007**

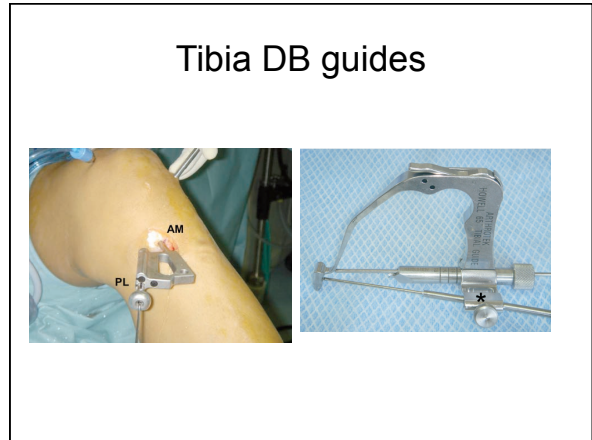
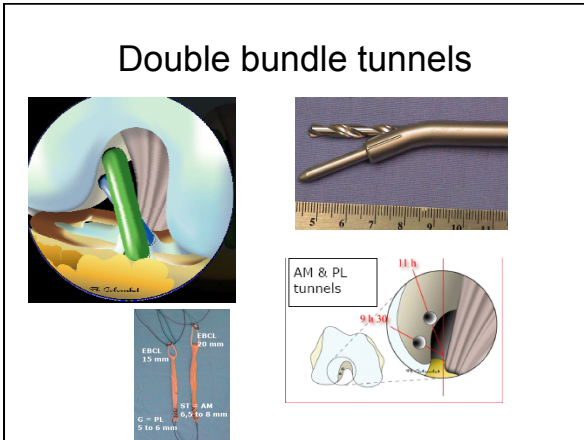


**COLOMBET 2006**

**Placement in flexion 100 degrees**



Zantop , Fu 2008 AJSM



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

