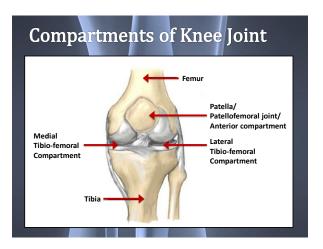
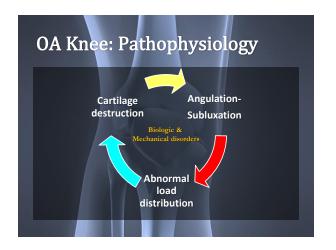


# Some illustrations are from the internet and intended for educational purpose only



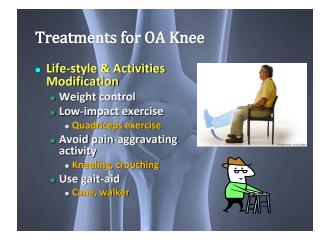










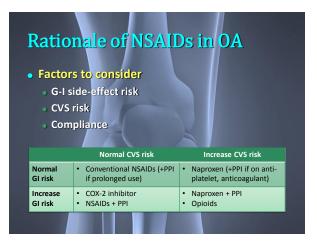












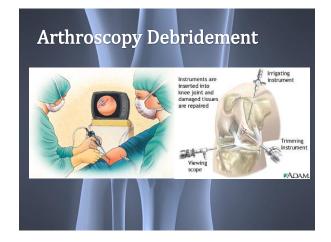






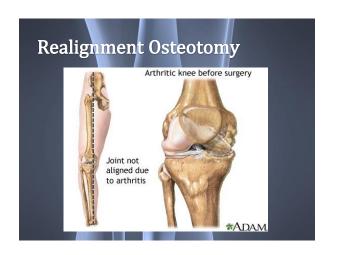
# OA knee Surgical Treatments • Arthroscopy • Osteotomy • Arthroplasty

### OA knee Surgical Treatments When is surgery indicated? Severe disability & failure of other methods Uncontrolled pain Limited daily activity Side effect from medications

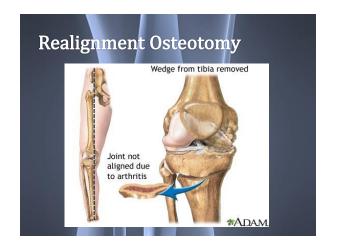


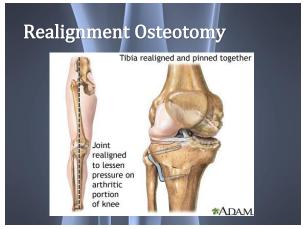
















### Realignment Osteotomy

- Pros
  - Native knee preserved
    - Less prone to infection
  - Prolong duration before joint replacement
    - •For younger patient (>60 Yr)

### Realignment Osteotomy

- Cons
  - Slow-recovery & weight bearing
    - •bone-healing
  - Limited indication
    - unicompartment arthritis only
  - May complicates subsequent joint replacement

### Knee Replacement

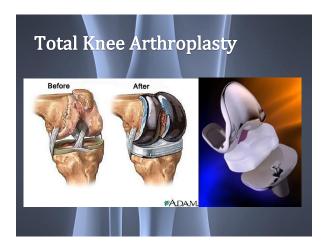
- Partial Knee Replacement
  - Unicompartment Knee Arthroplasty (UKA)
  - Patello-femoral arthroplasty
- Total Knee Replacement (TKR)
  - Total knee arthroplasty

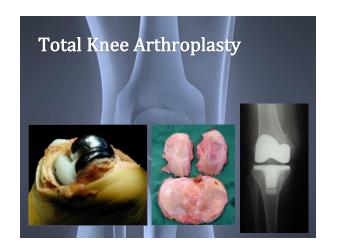












## Total Knee Arthroplasty Pros Wider indications Tri-compartment disease Severe deformity Cons Altered knee kinematic Bone-sacrifice surgery Not recommended for young patients



### OA Knee: Conclusions Biologic & mechanical disorders Conservative treatment for mild & moderate symptoms Activity modification medications Surgical treatment for severe symptoms Base on patient age & activities

