



Total Joint Replacements: Options in the Younger Patient

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Discussion Points:

- ◊ Who is the Younger Patient
- ◊ What are the New Technologies
- ◊ Are they better
- ◊ Conclusions

Disclosures:

◊ No Disclosures at this time

Who is the Younger Patient:

- ◆ Is it all about age:
 - ◆ Activity level
 - ◆ Longevity
 - ◆ Bone stock
- ◆ How long do implants last:
 - ◆ 30 years or more - 85 years old
- ◆ How low can you go:
 - ◆ 17 years old

What are the New Technologies:

- ◇ Design

- ◇ Medial Pivot knees

- ◇ Custom implants

- ◇ Cementless

What are the New Technologies:

- ◇ Materials
 - ◇ Latest generation, anti-oxidative polyethylene
 - ◇ All titanium knees
- ◇ Robots
 - ◇ Haptic feedback
 - ◇ Computer assisted positioning
 - ◇ Patient specific cutting jigs

Are they better?

- ◇ Design

- ◇ Medial Pivot knees

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Are they better?

◇ Materials

- ◇ Latest generation, anti-oxidative polyethylene:
- ◇ All titanium knees:

◇ Robots

- ◇ Haptic feedback
- ◇ Computer assisted positioning:
- ◇ Patient specific cutting jigs:

Is there nothing better?

- ◇ Specific tools for specific patients

Silver Lining:

- ◆ When is your favorite technology obsolete? Stereo, iphone, new vehicle
 - ◆ When will an implant be obsolete?
- ◆ Should you have waited?
 - ◆ Not because of technology
 - ◆ Wait as long as you can. This is “last resort” surgery!

Conclusions:

- ◇ Younger patients are demanding total joint arthroplasty
- ◇ Technological improvements continue but fail to make a large impact in clinical outcomes
- ◇ Patients are getting state of the art technology in every corner of this country

Thank You