

# SHOULDER REPLACEMENT SURGERY

## Indications

- Severe pain unresponsive to nonoperative treatment
- Loss of active and passive movement
- Interference with ADL



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# PREOPERATIVE ASSESSMENT

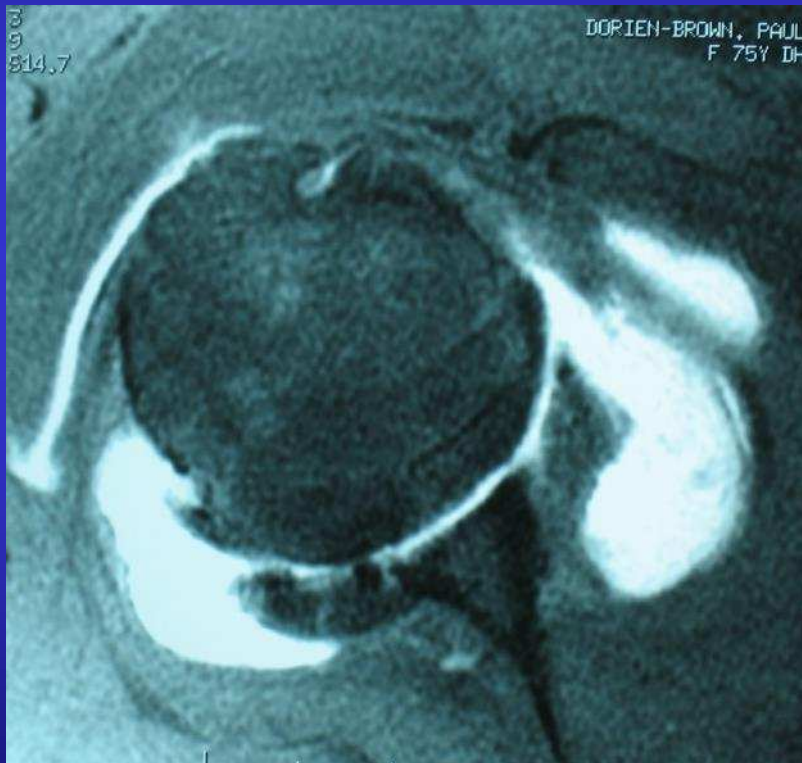
- History
- Examination
- Xrays
- MRA
- 3D CT – if significant bone pathology



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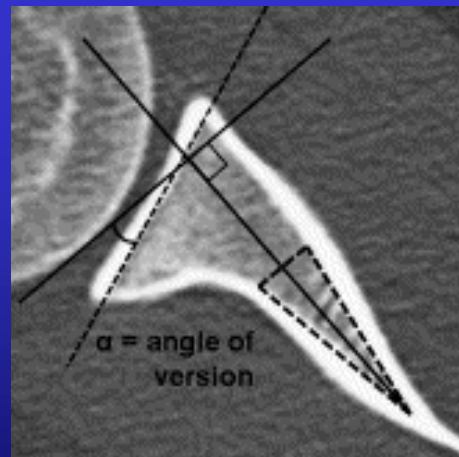
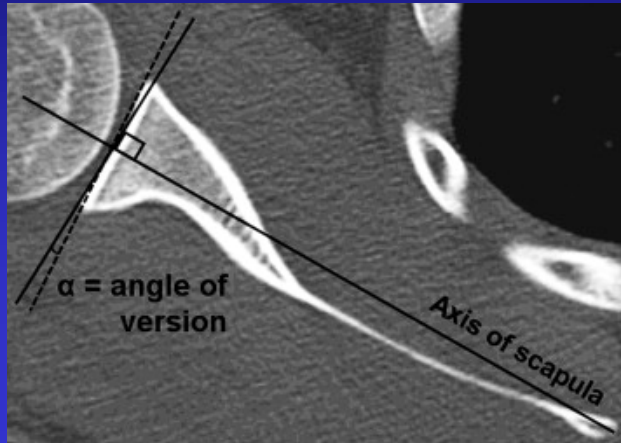
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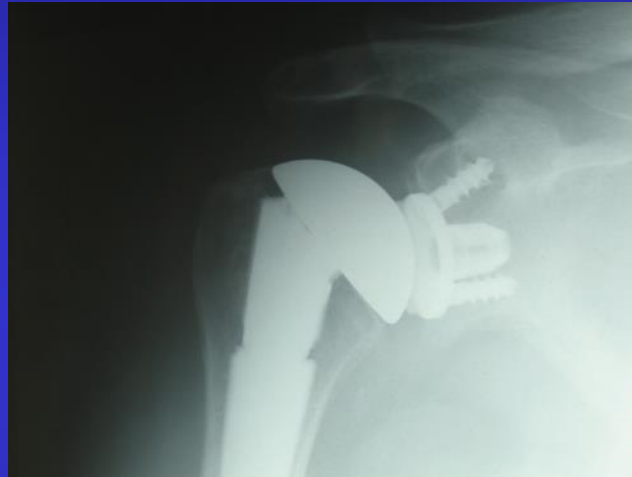


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# Many choices



All poly glenoid vs metal backed glenoid – cemented vs uncemented – long stem vs short stem - hemiarthroplasty vs TSR vs RTSR



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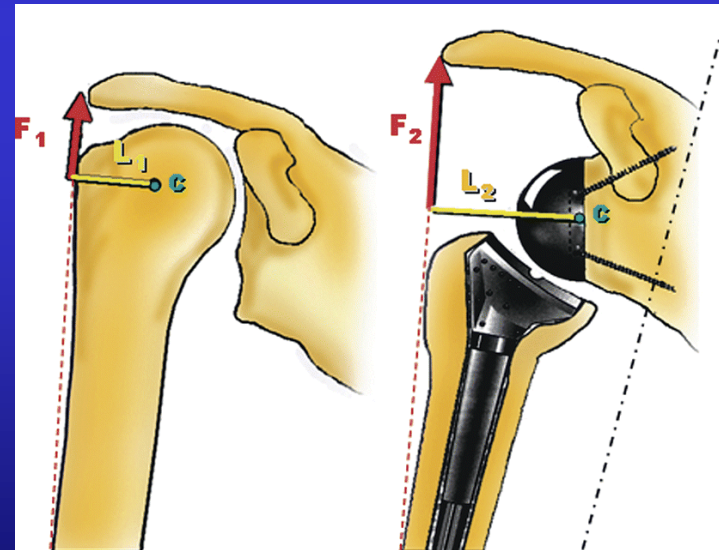
# PARADIGM

## RC INTACT & GOOD QUALITY

- ? Hemi / resurfacing if < 50 years
- TSR in others ( unless significant glenoid retroversion then consider RTSR)

## RC TORN ( OR INTACT & POOR QUALITY)

- RTSR



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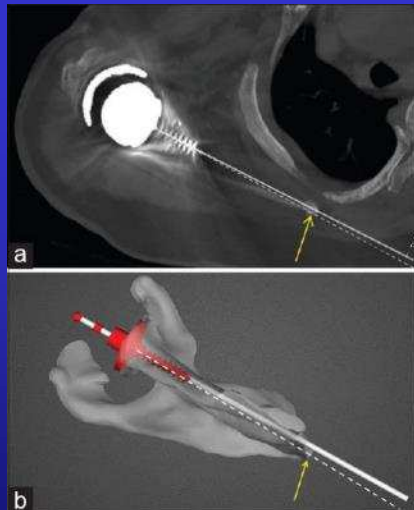
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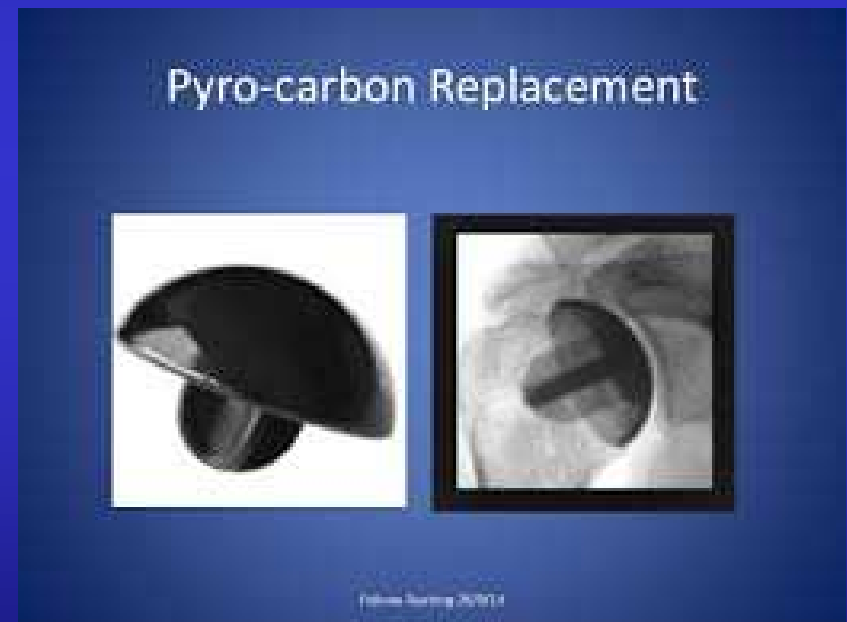
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# The future

Patient specific  
instrumentation and  
prostheses



Pyrocarbon



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# Thank you



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