



Indication For Shoulder Arthroplasty



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Indication For Shoulder Arthroplasty

Who can Have a Shoulder replacement



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Indication For Shoulder Arthroplasty

The Beginning



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Indication For Shoulder Arthroplasty

Modern shoulder Development
Europe for Tumour
USA for Trauma



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Indication For Shoulder Arthroplasty

**Developed greatly in recent years.
Hemi, Anatomical or Reverse**



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Indication For Shoulder Arthroplasty

**Developed greatly in recent years.
Custom, Modular & Platform**



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Indication For Shoulder Arthroplasty

Endo prosthesis for Tumour/Infection

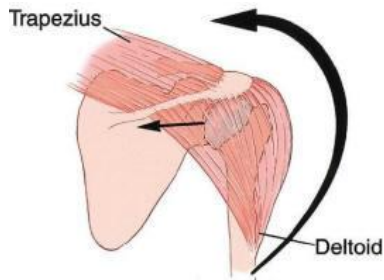
**Unique patient, Special Surgeon
Hub & Spoke**



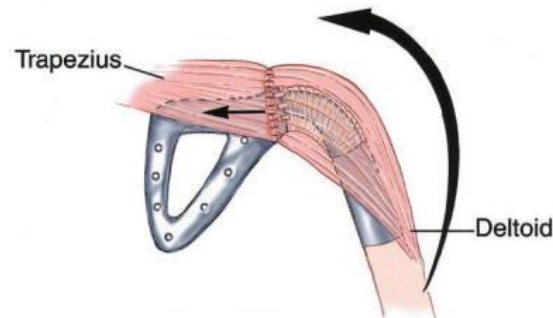
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Normal Anatomy

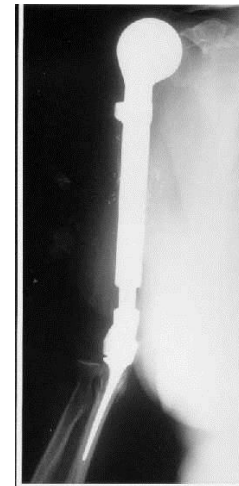
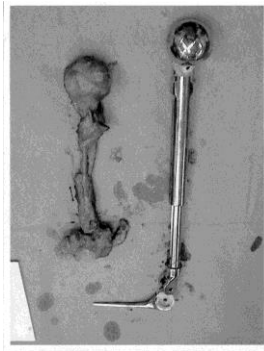


Constrained Reconstruction





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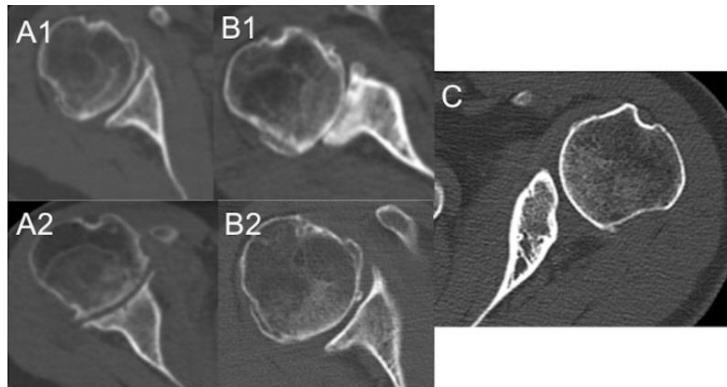
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Hemi Shoulder

Young, Trauma, AVN

?? High Demand



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Hemi Shoulder

Metal long term Glenoid wear

B2 and C



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Hemi Shoulder

Do Nothing

Ream & Run

Micro Fracture

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Hemi Shoulder Pyro-Carbon Hemi A1,A2 & ?C Glenoid

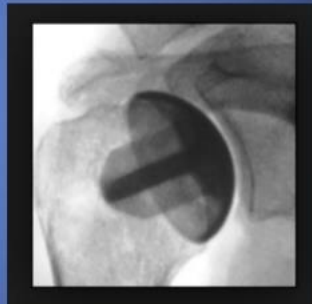


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Pyro-carbon Replacement



Fellows Teaching 26/9/14

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Anatomic Shoulder

- **Advanced wear and tear of the shoulder joint**



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Anatomic Shoulder

- Degenerative, posttraumatic or rheumatoid arthritis



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Anatomic Shoulder
Intact Functioning Cuff
A1 , A2 & B1 Glenoid



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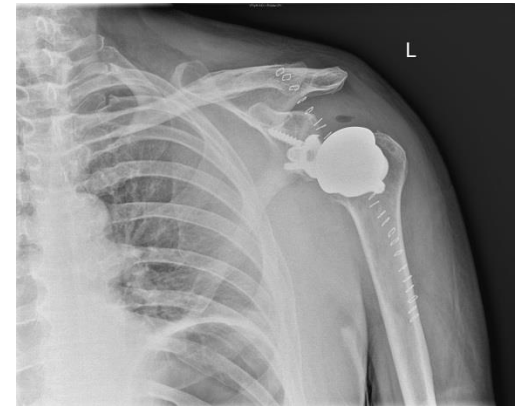


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Anatomic Shoulder

Intact Functioning Cuff

B2 Augmented/Grafted Glenoid



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NORMAL SHOULDER



NORMAL SHOULDER
WITH POSTERIOR WEAR



STANDARD ATSA WITH
ECCENTRIC REAMING



POSTERIOR AUGMENT ATSA
WITH OFFAXIS REAMING

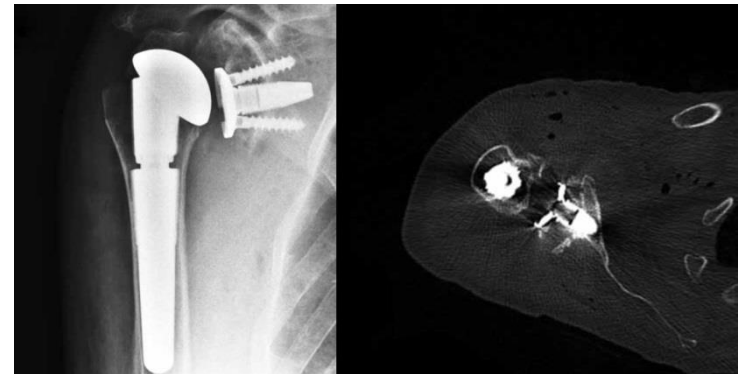
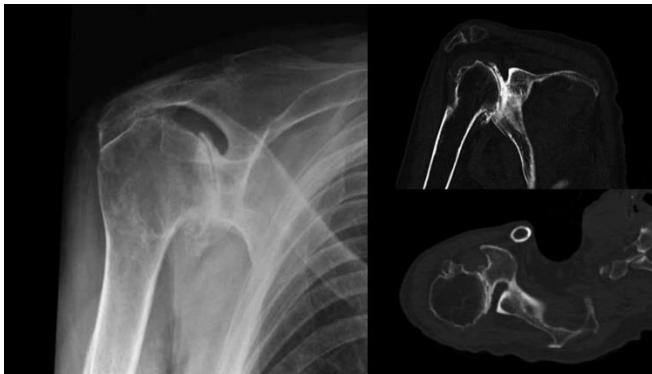


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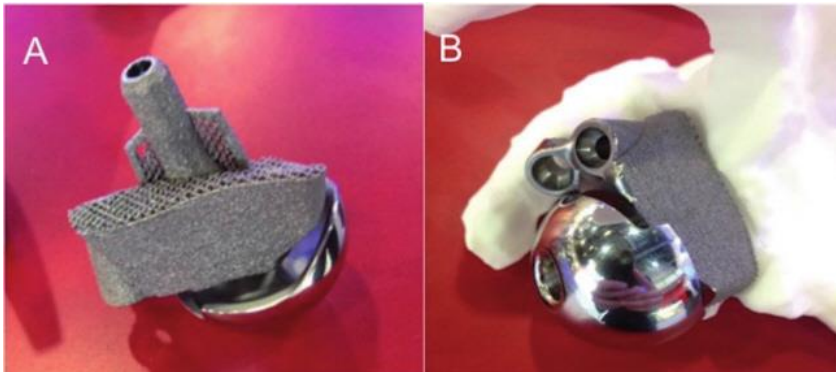


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Reverse Shoulder
Cuff Tear ??Trauma
B2 and C Glenoid



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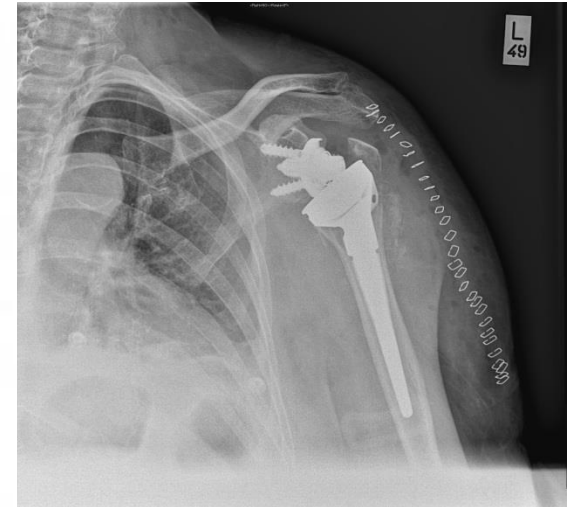


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Reverse Shoulder Revision /Complex Trauma



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**Who can Have a Shoulder
replacement**



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Questions



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