

62RHD with pseudoachondroplastic dwarfism who is 4ft 4in tall.

In 2002, she had significant RIGHT glenohumeral dysplasia w arthritis. A custom made arthroplasty was ordered and hemiarthroplasty was performed due to glenoid distortion. Now, SSV 100%

She presents with left shoulder pain (3-8/10), SSV 30%

She is WC reliant due to advanced hip OA, which is inoperable.

### **Exam**

RIGHT side

FF 150

ER 40

IR T10

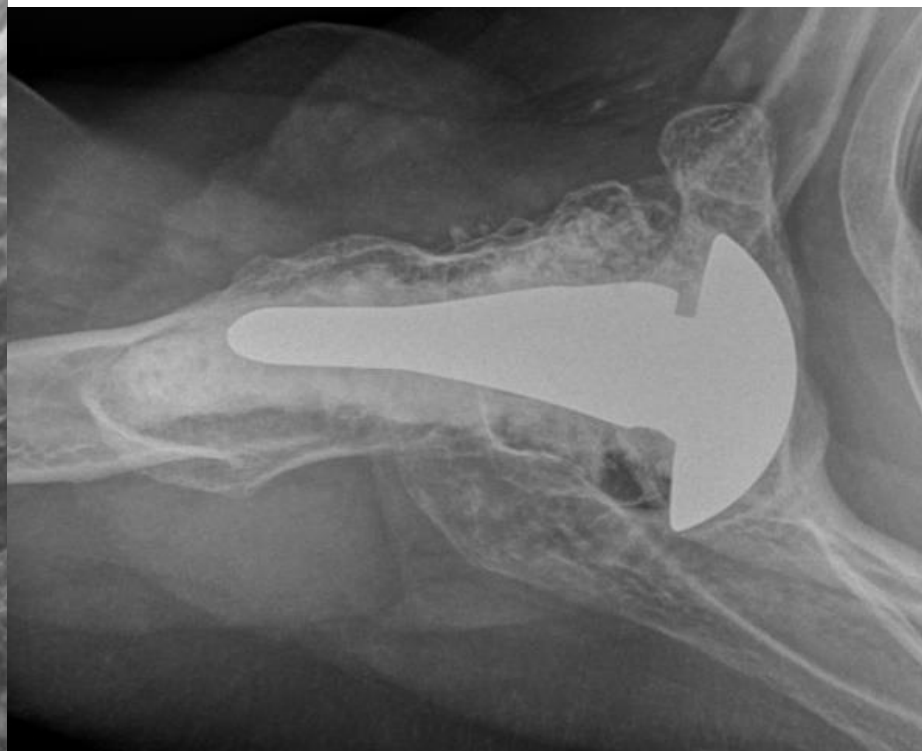
LEFT side

FF 100

ER 40

IR lower back

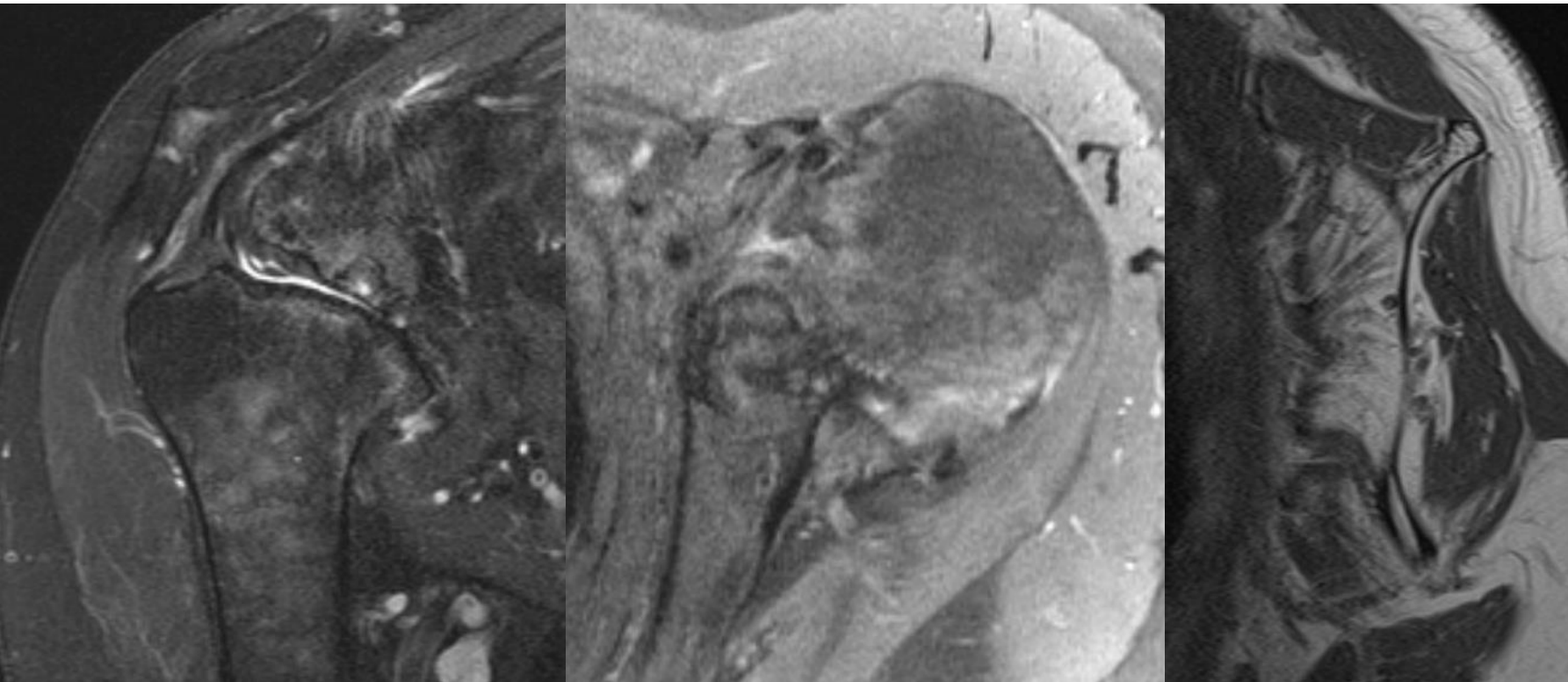
Positive belly press sign



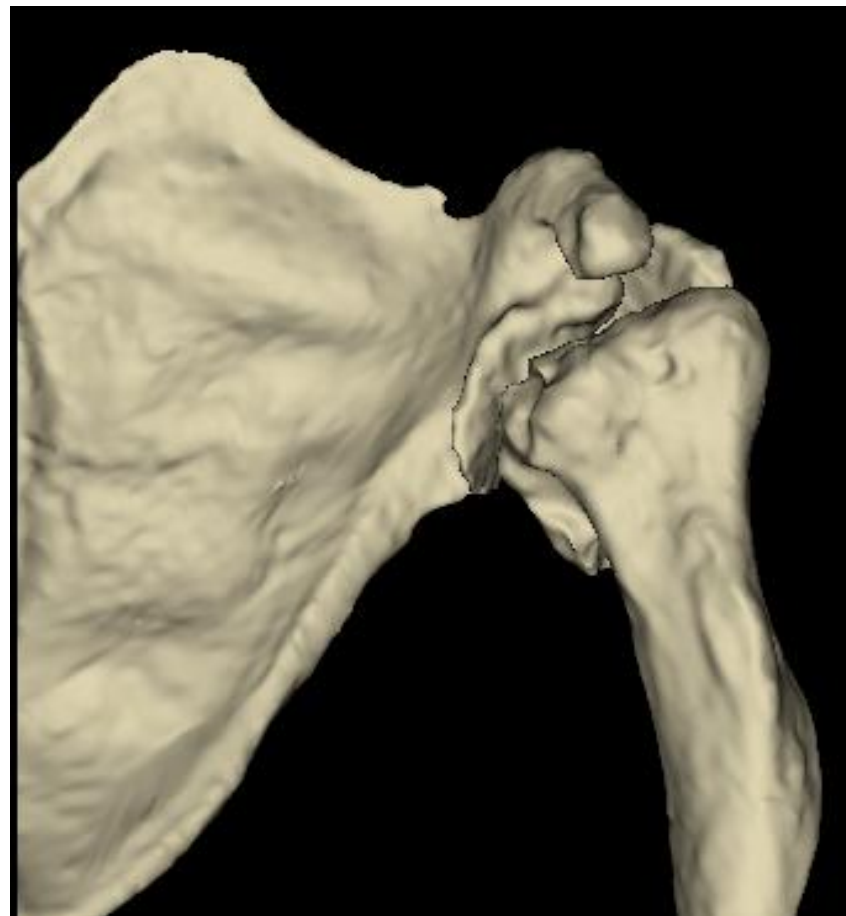
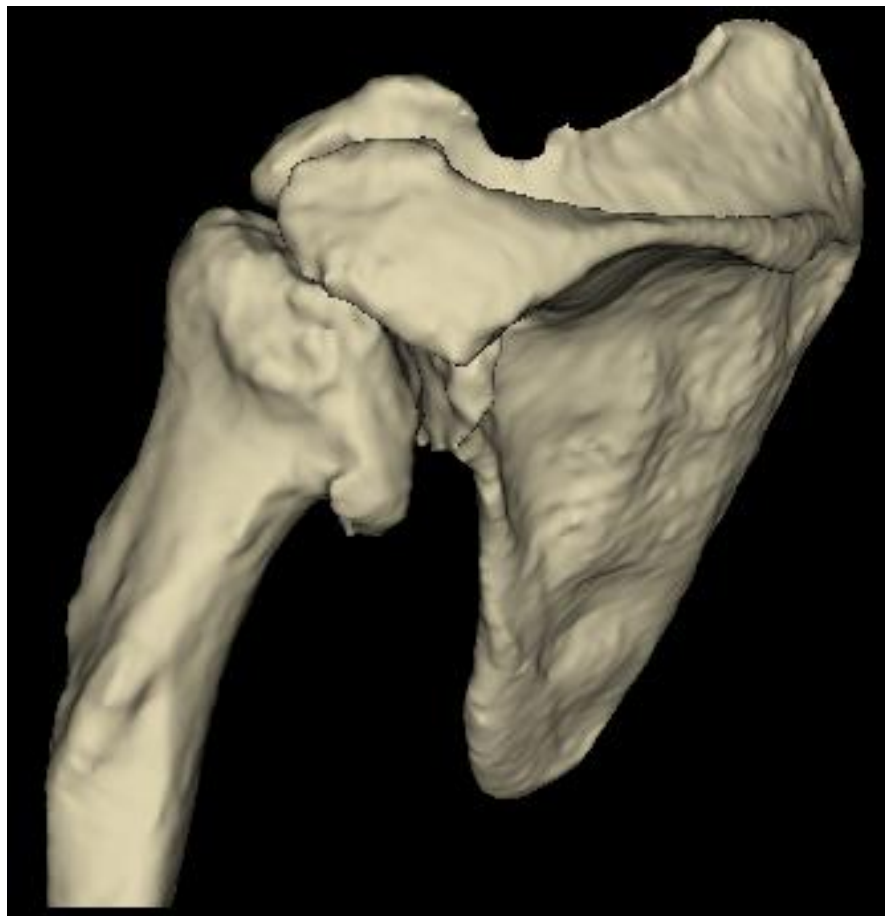
XR from 2019







Partial subscap tear w fatty infiltration. Partial supra tear





Soft-Tissue  Sagittal



+

-

+

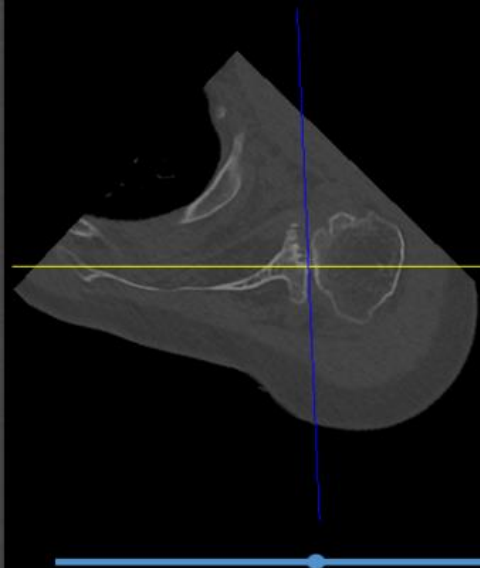
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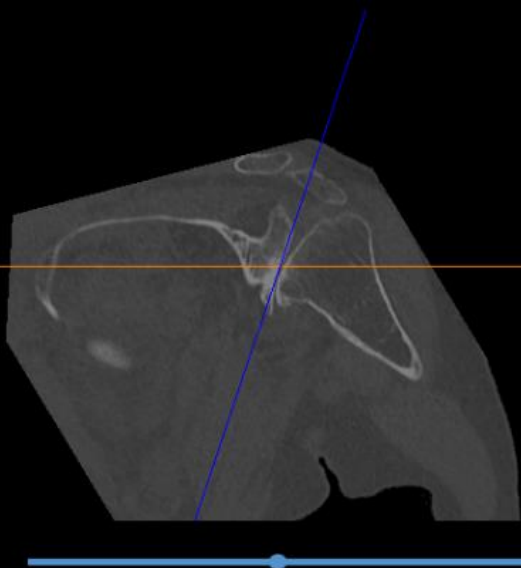
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100%

100%



Glenoid anteversion: **8°**



Glenoid inclination inf: **21°**



Advanced Measures

Patient



Female, 62 Years Old  
Left Shoulder



Anatomy

Diagnosis *	Primary GH Osteoarthritis
Glenoid Type	D
Prior Surgeries	Not Specified

AI PREDICTS

**REVERSE**  
PROBABILITY 62%



Plan Anatomic

Plan Reverse

Plan Hemi

Procedure

Reverse

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Implant

ASCEND FLEX

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Neck Shaft Angle

145°

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Stem

Inclination C - 137.5°

Type PTC

Length Standard

Size 1 - 66 mm

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PE Insert (\*)

Type Standard

Diameter 39 mm

Thickness 6 mm

Tilt C - 7.5°

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Tray


Offset 3.5 mm

Thickness 0 mm

---

Reset implant

(\*) Upon request only



50%

LAT

POST ANT

MED

---

Version

ANT

NC

POST

---

Resection level

+

0.0 mm

-

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Inclination

SUP

C - 137.5°

INF

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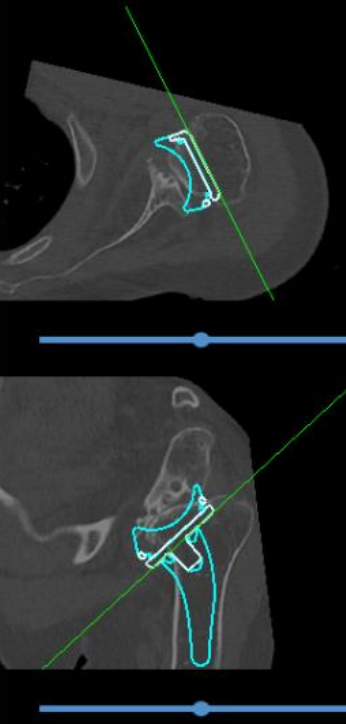
Stem Measure

DFR 60%

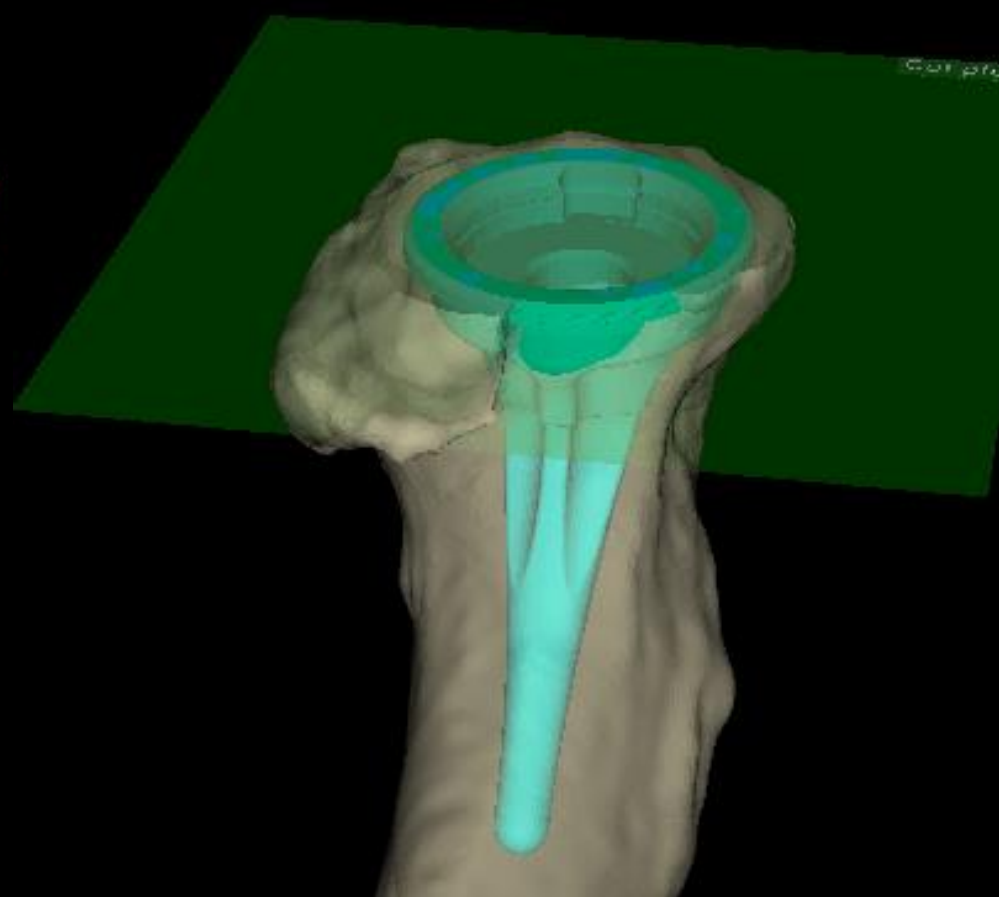
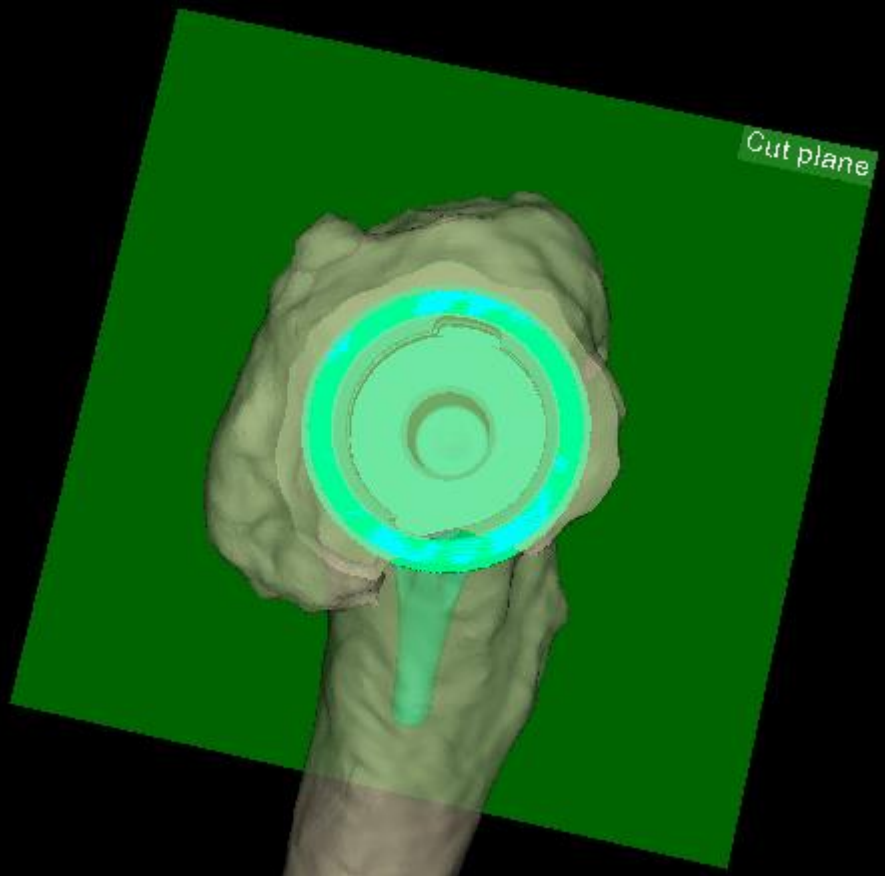
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Measures

Soft-Tissue  Sagittal







Procedure

Reverse

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Implant

PERFORM STEM

---

Neck Shaft Angle

135°

---

Collar

Size 1 - 32mm

Length Short

Type Standard

---

Insert

Inclination Symmetric

Diameter 39 mm


Thickness 0 mm

Type Standard


Material Conventional

Adaptor  9mm spacer

Reset implant



50%



Version

ANT

NC

POST

---

Resection level

+

9.0 mm

-

---

Inclination

SUP

135.0°

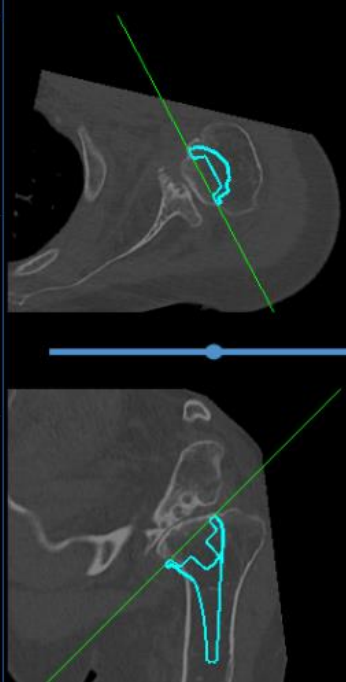
INF

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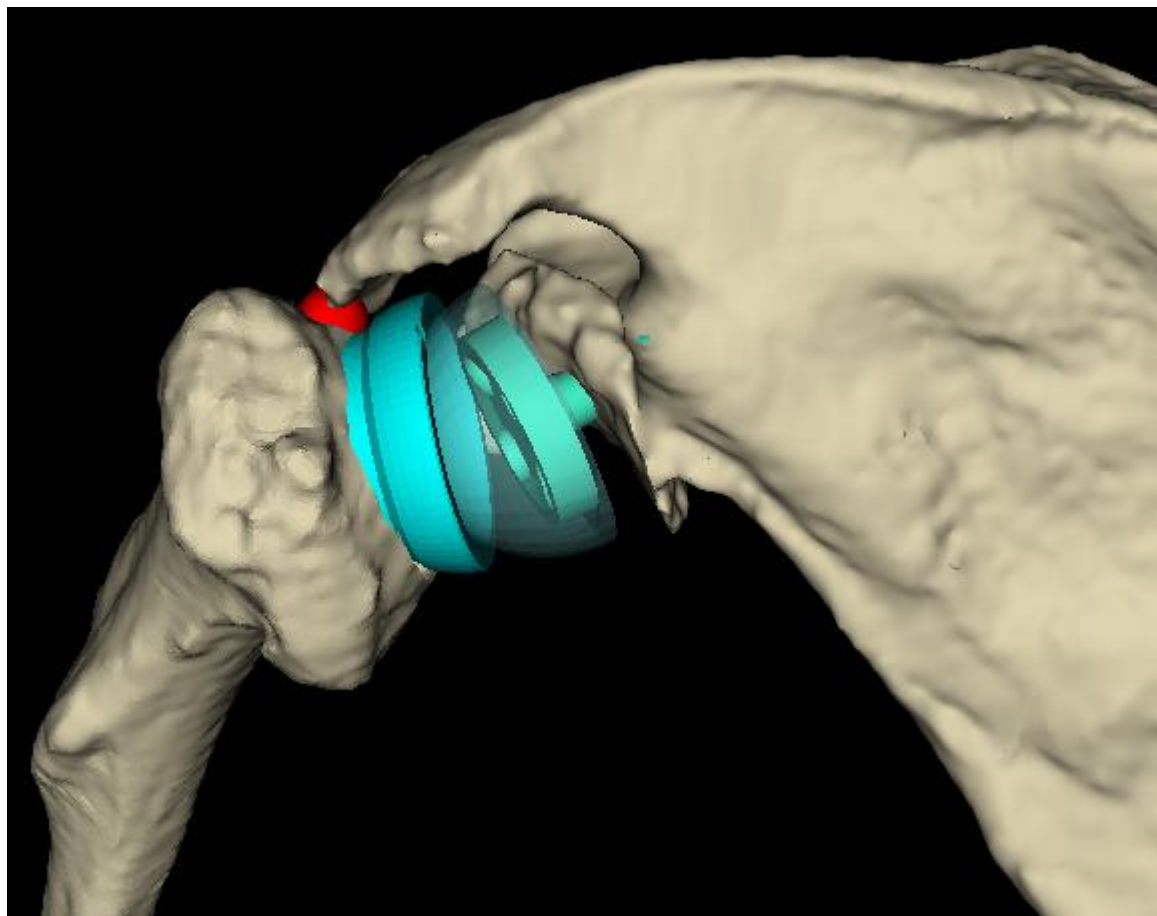
Stem Measure

DFR 38 %

Soft-Tissue  Sagittal







Procedure

Reverse

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Implant

Reversed II

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Characteristics

Anchorage Standard

Peg size Long

Base diameter 25 mm

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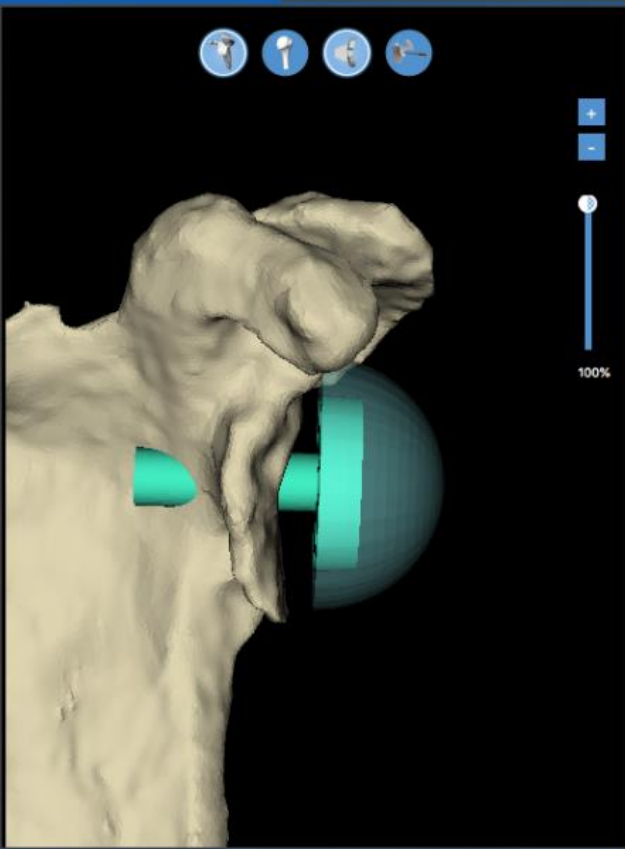
Glenosphere

Metal Cobalt-Chrome

Diameter 36 mm

Type Centered

Reset implant



Anteversion

ANT 1°

POST

Lateralization

MED 4.5 mm

LAT

Peg Depth

18 mm

Seating

0 %

Cortical

Cancellous

No seating

Inclination inf

SUP 12°

INF

Measures



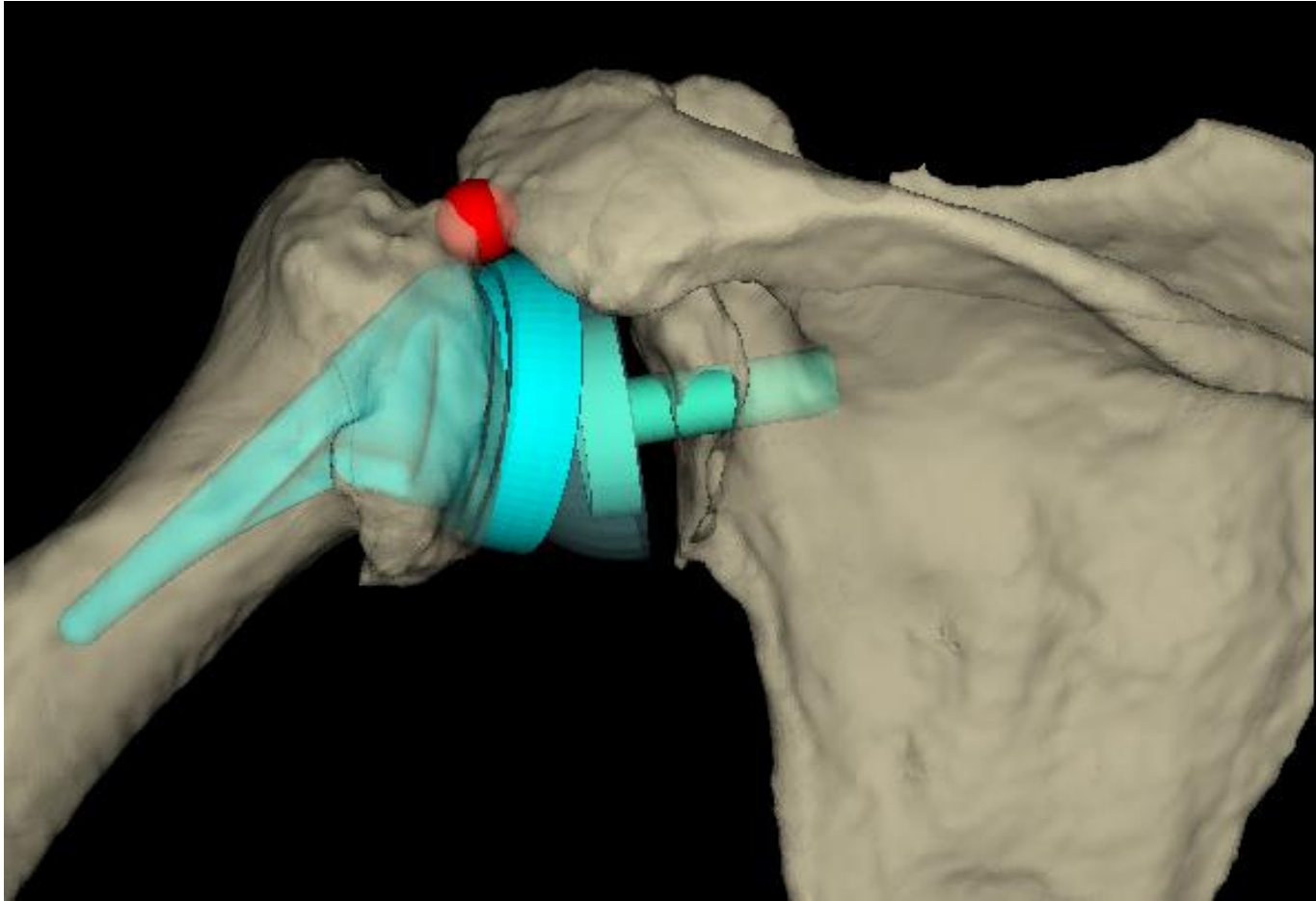
Engineered with IMASCAP™ Technology

Female, 62 Years Old  
Left Shoulder

Diagnosis: Primary GH Osteoarthritis  
Glenoid Type: D  
Prior Surgeries: Not Specified

Glenoid anteversion: 8°  
Glenoid inclination inf: 21°  
Posterior humerus subluxation: 47%

Save Progress Finalize Plan



## Discussion

Hemiarthroplasty + lat dorsi transfer?  
Is RSA possible w glenoid deformity?