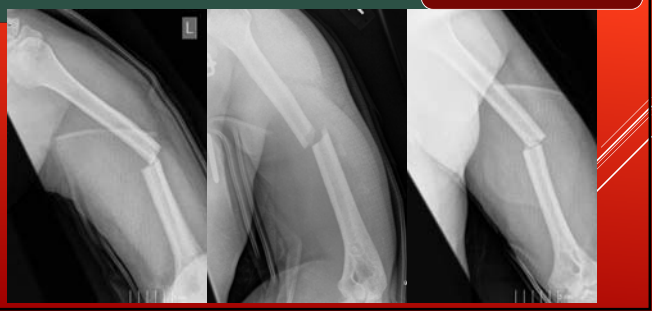
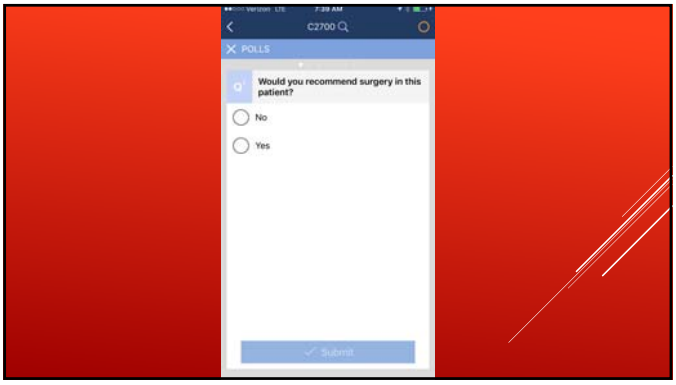
CASE 2

- 42 year old male
- Nonunion of left distal humerus after IM nailing
- Meds: None
- PMH: None
- Nonsmoker, occasional drinker

CASE 2

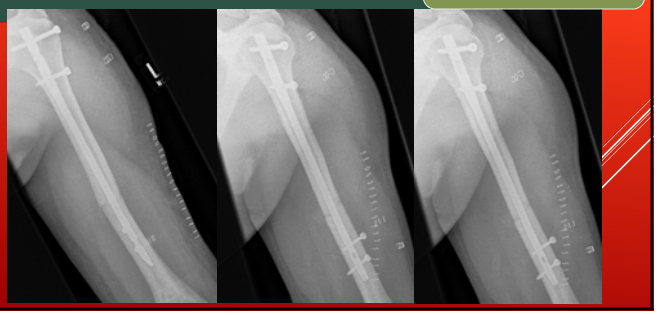
9/26/2010





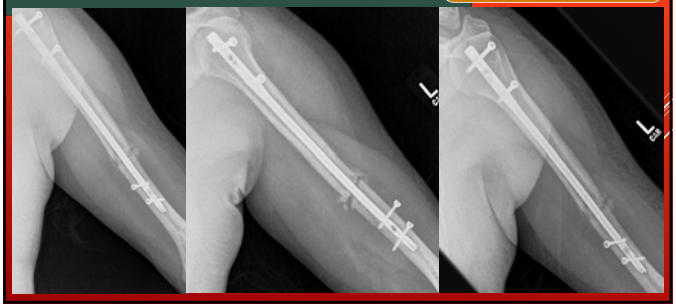
CASE 2

10/8/2010



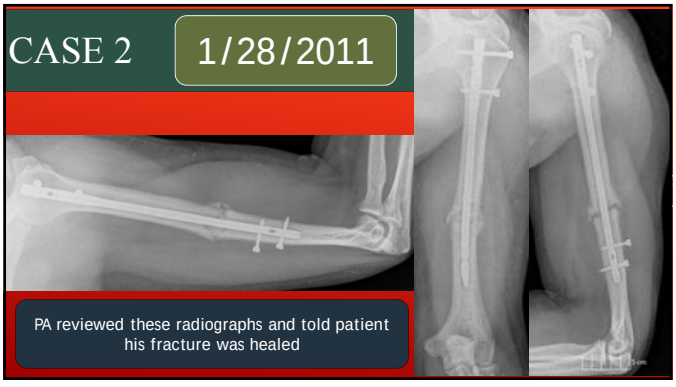
CASE 2

11/19/2010



CASE 2

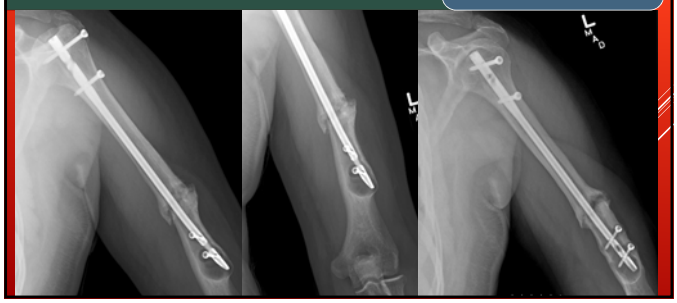
1/28/2011



PA reviewed these radiographs and told patient his fracture was healed

CASE 2

5/19/2014



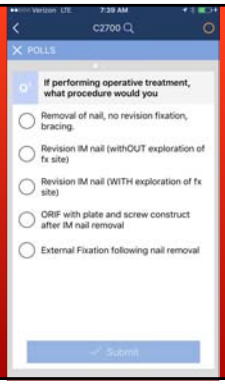
CASE 2

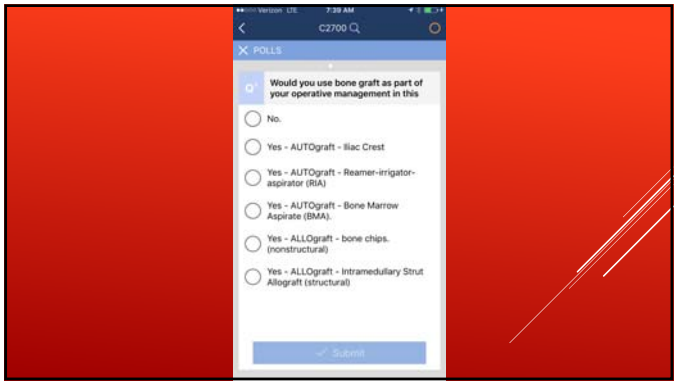
Does he need surgery?

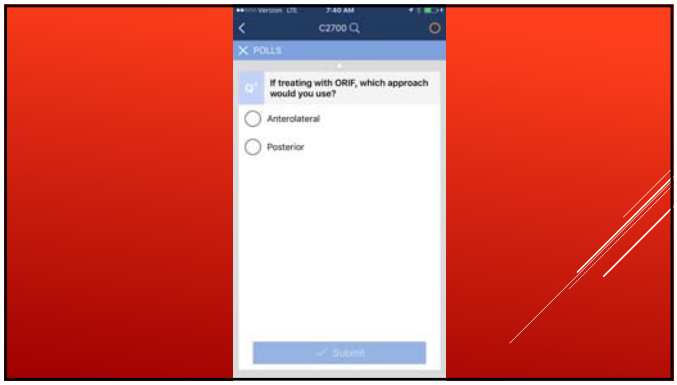
What would you do?

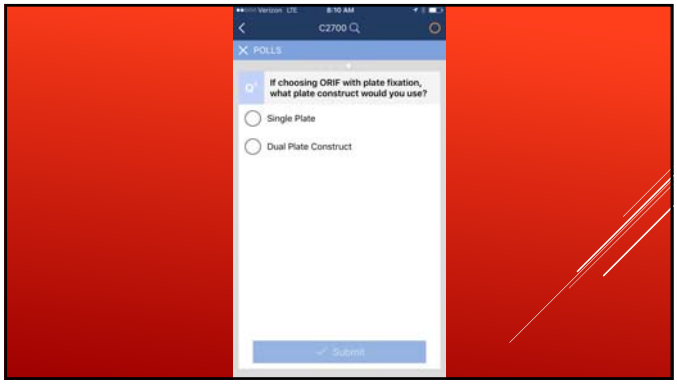
What preoperative workup would be necessary?

What would your surgical plan be?



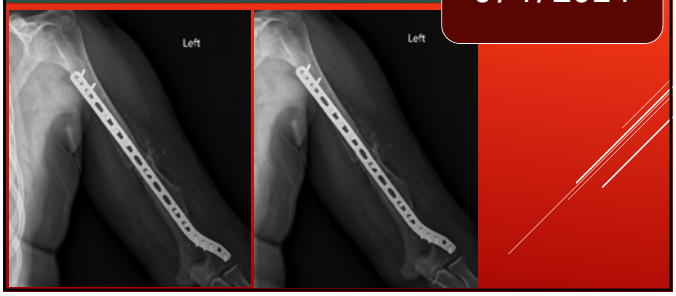

C2700
POLLS
Would you use bone graft as part of your operative management in this
No.
Yes - AUTOgraft - Iliac Crest
Yes - AUTOgraft - Reamer-irrigator-aspirator (RIA)
Yes - AUTOgraft - Bone Marrow Aspirate (BMA).
Yes - ALLOgraft - bone chips. (nonstructural)
Yes - ALLOgraft - Intramedullary Strut Allograft (structural)
Submit


C2700
POLLS
If treating with ORIF, which approach would you use?
Anterolateral
Posterior
Submit


C2700
POLLS
If choosing ORIF with plate fixation, what plate construct would you use?
Single Plate
Dual Plate Construct
Submit

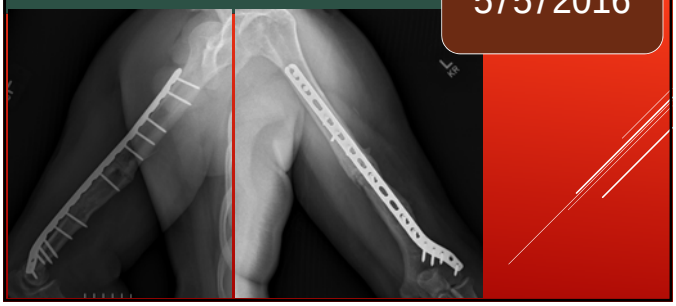
CASE 2

9/4/2014



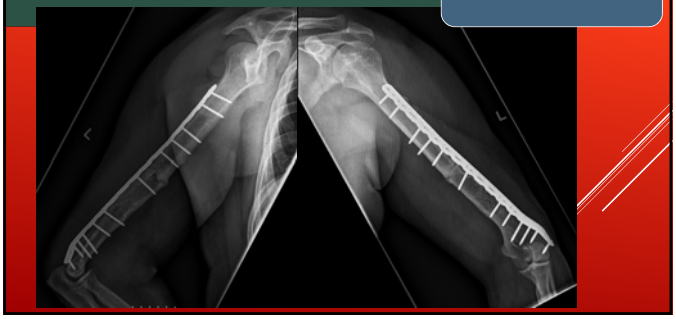
CASE 2

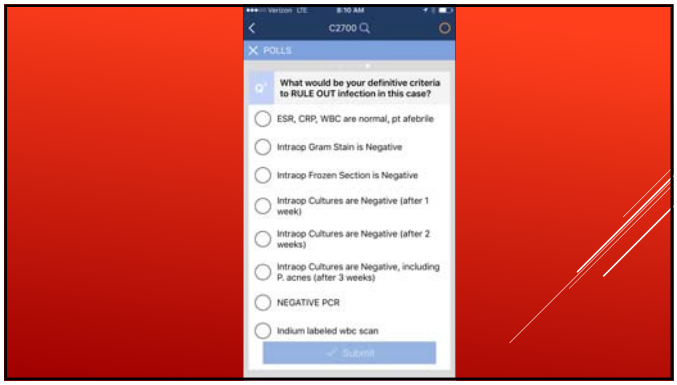
5/5/2016



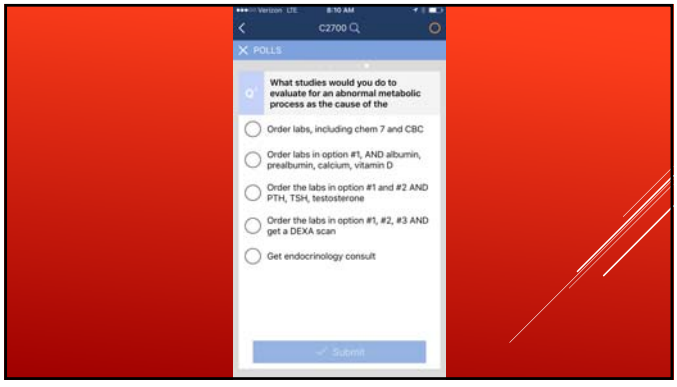
CASE 2

09/02/2016




C2700
POLLS
What would be your definitive criteria to RULE OUT infection in this case?
ESR, CRP, WBC are normal, pt afebrile
Intraop Gram Stain is Negative
Intraop Frozen Section is Negative
Intraop Cultures are Negative (after 1 week)
Intraop Cultures are Negative (after 2 weeks)
Intraop Cultures are Negative, including P. acnes (after 3 weeks)
NEGATIVE PCR
Indium labeled wbc scan
Submit


ORTHOBULLETS CASE
09/02/2016


C2700
POLLS
What studies would you do to evaluate for an abnormal metabolic process as the cause of the
Order labs, including chem 7 and CBC
Order labs in option #1, AND albumin, prealbumin, calcium, vitamin D
Order the labs in option #1 and #2 AND PTH, TSH, testosterone
Order the labs in option #1, #2, #3 AND get a DEXA scan
Get endocrinology consult
Submit