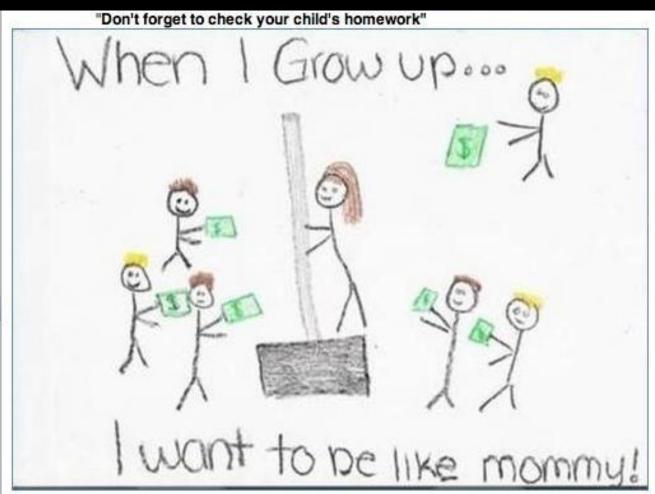
Top Plain Films You Don't Wanna Miss!





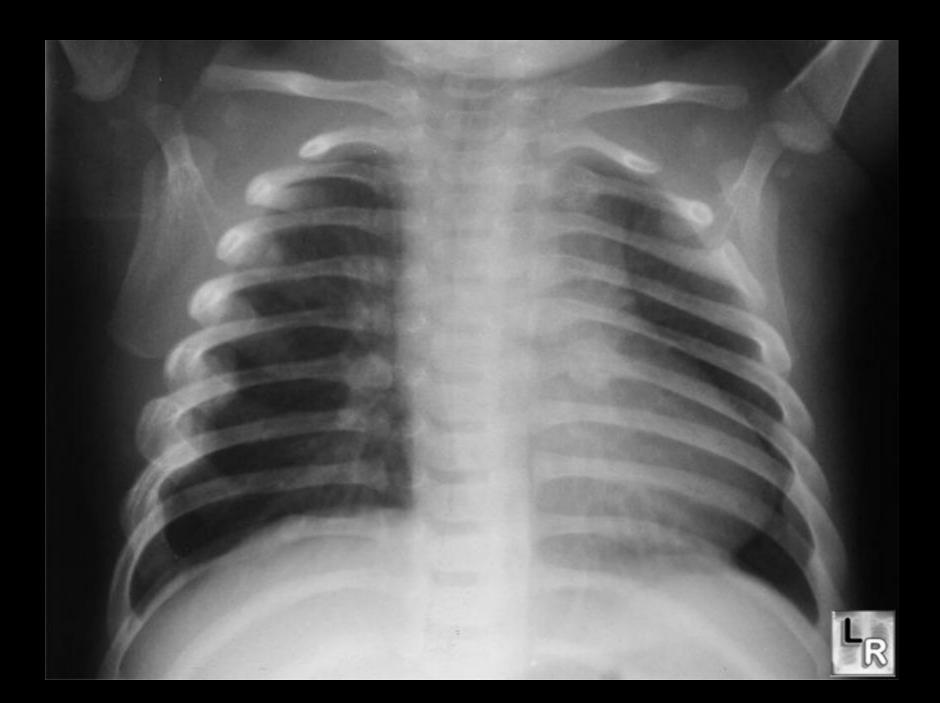
My Favorite
Quiz Questions

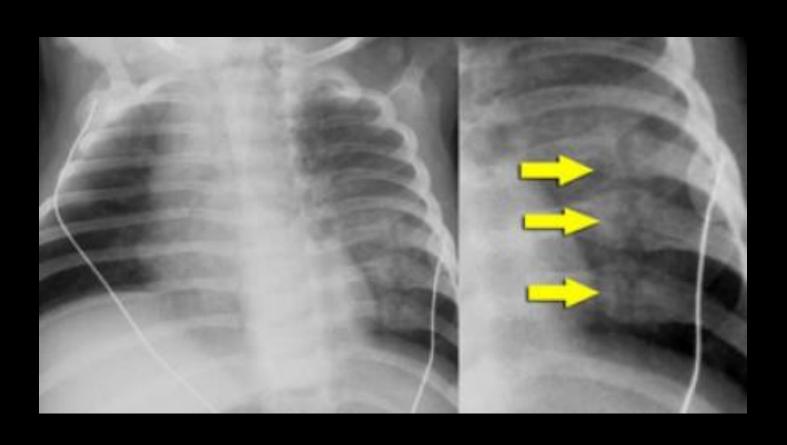
What Do You Want to Be When You Grow Up?

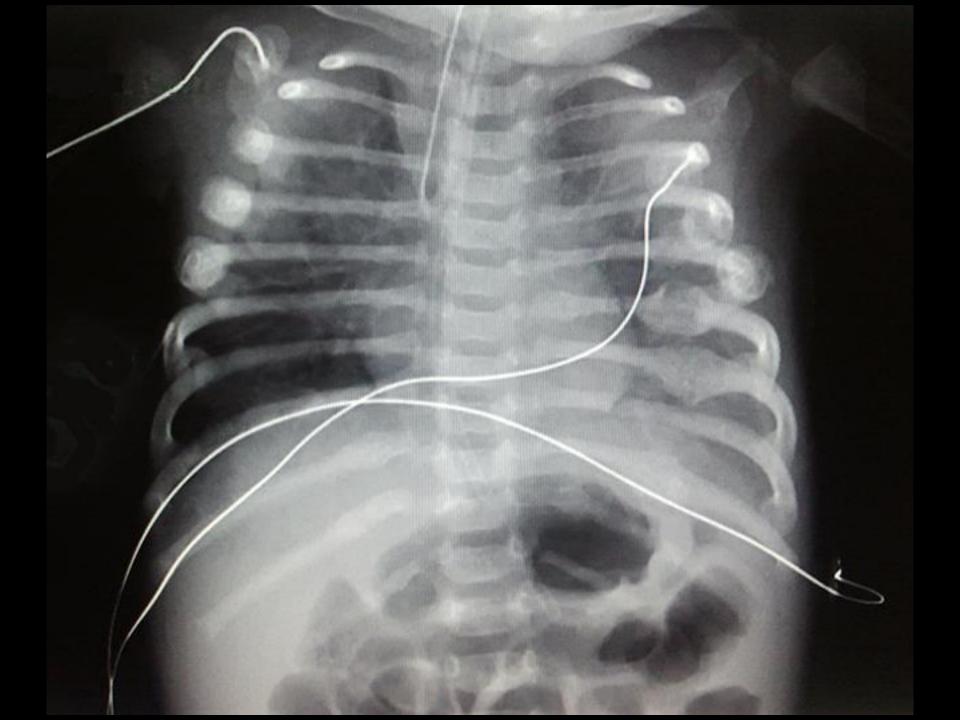


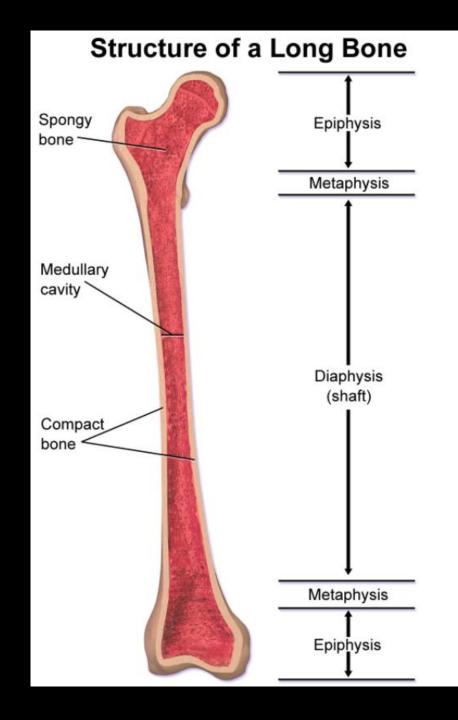
Case # 1



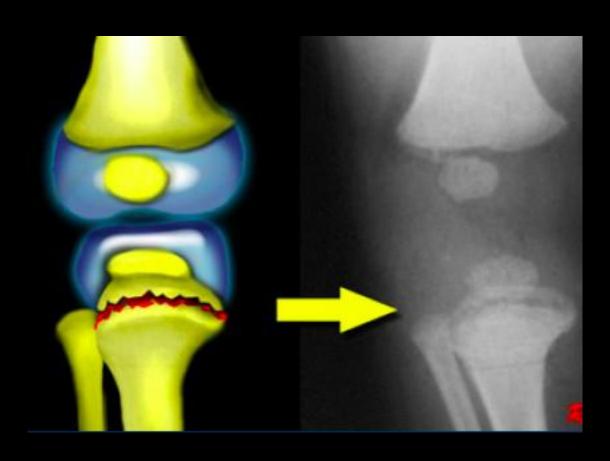










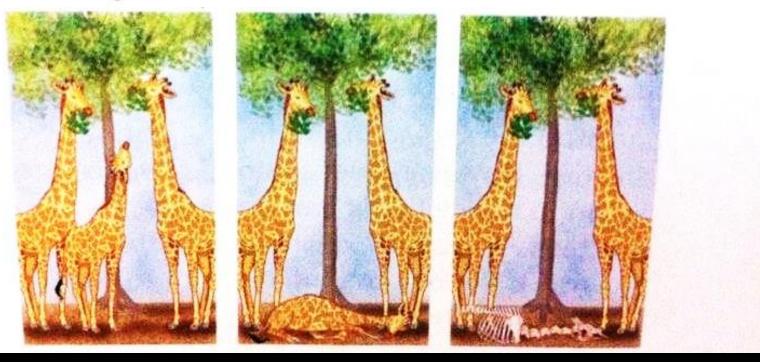




Rule # 1

Use your history to interpret the Xray

10. The diagram below best illustrates



- a. Lamarck's theory of evolution.
 - b. Darwin's theory of evolution.
 - c. Malthus's principles.
 - d. Lyell's theory about past changes.

e. Giraffes are heartless creatures.



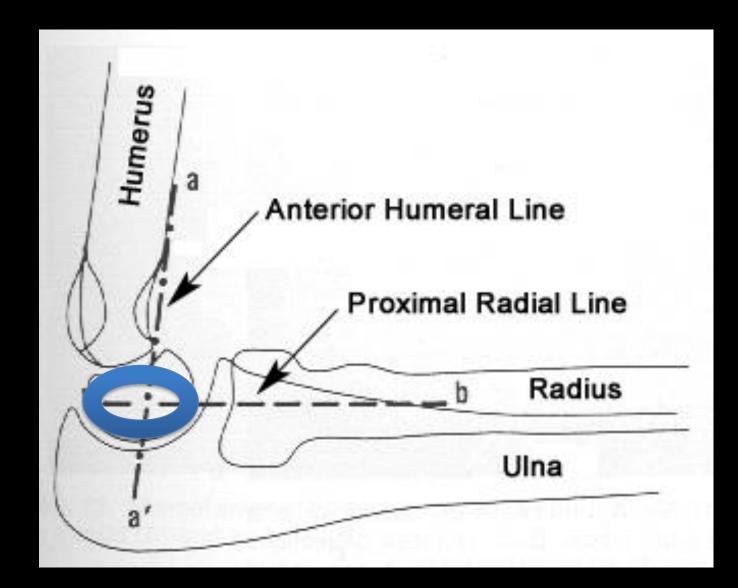
CASE # 2

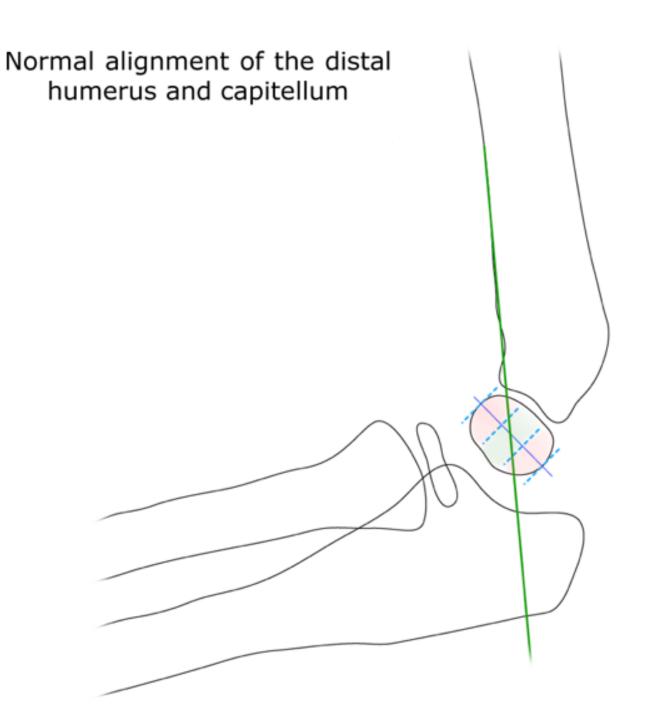








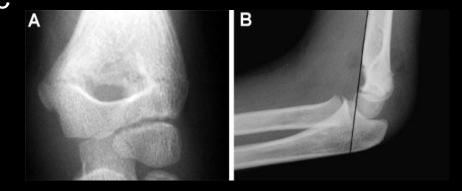






Supracondylar Humerus Fx

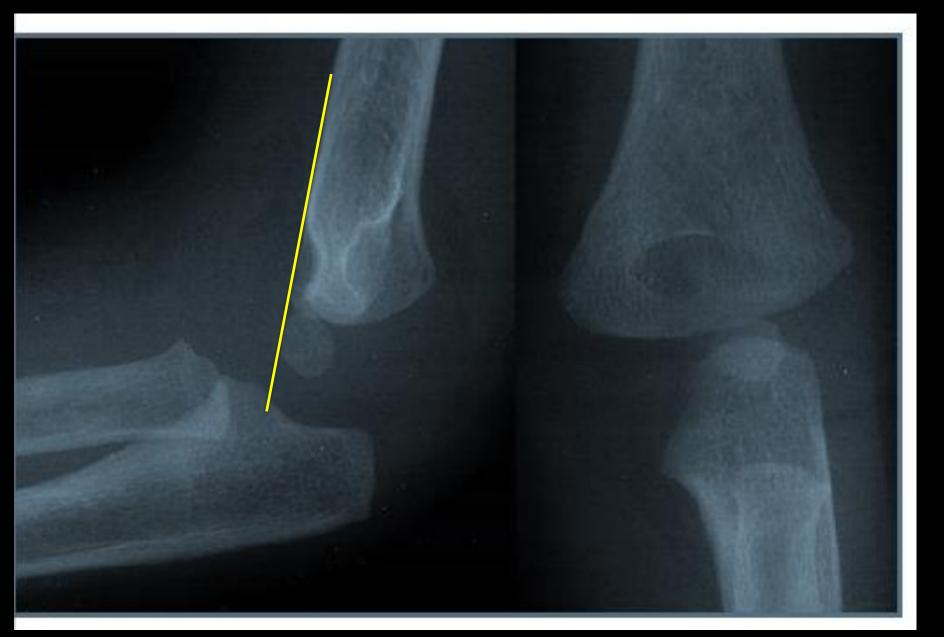
- Second most common pediatric fx (16.6%)
- Most common type of pediatric elbow fx (50-70%)
- O Peak age 3-10 yo
- O Male : Female → 2 : 1
- Usually non-dominant arm



Wilkins KE: Fractures and dislocations of the elbow region, in Rockwood CA Jr, Wilkins KE, King RE(eds): *Fractures in Children, 3rd ed.* Philadelphia: JB Lippincott, 1991, vol, pp 526-617.







Radiologic Exam



O Type I

 Positive Posterior fat pad sign





O Type II

- Anterior humeral line is anterior to capitellum
- Posterior cortex intact

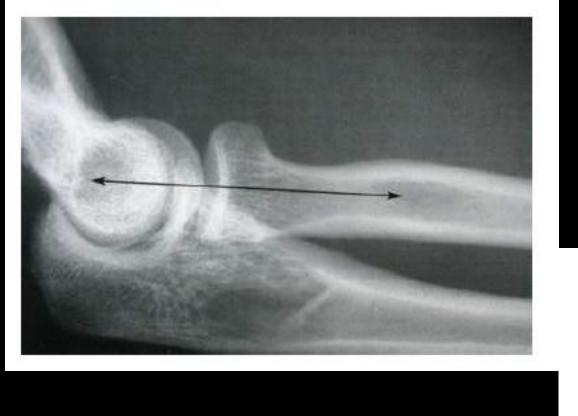




O Type III

No cortical contact









Ossification Centers of the Elbow

O CRITOE

- Capitellum
- Radial head
- Internal (medial) epicondyle
- Trochlea
- Olecranon
- External (lateral) epicondyle

AGES

1 Capitellum

3-5 R adial Head

5-7 M edial Epicondyle

7 T rochlea

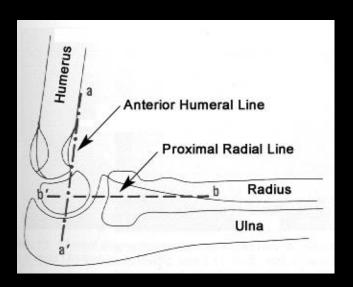
9 O lecranon

11 L ateral Epicondyle



Pediatric Elbow Fractures

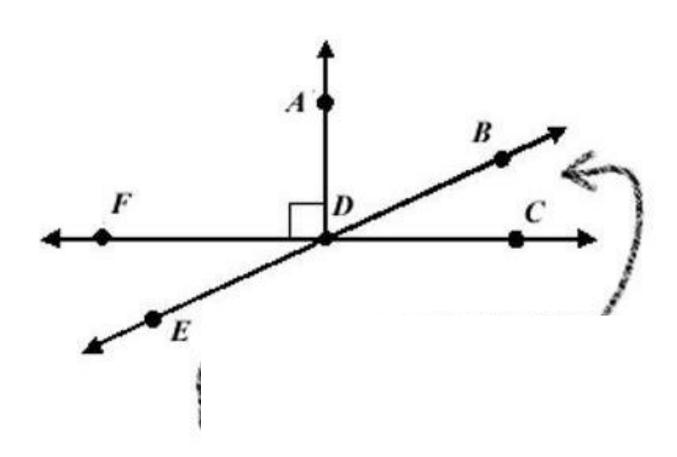




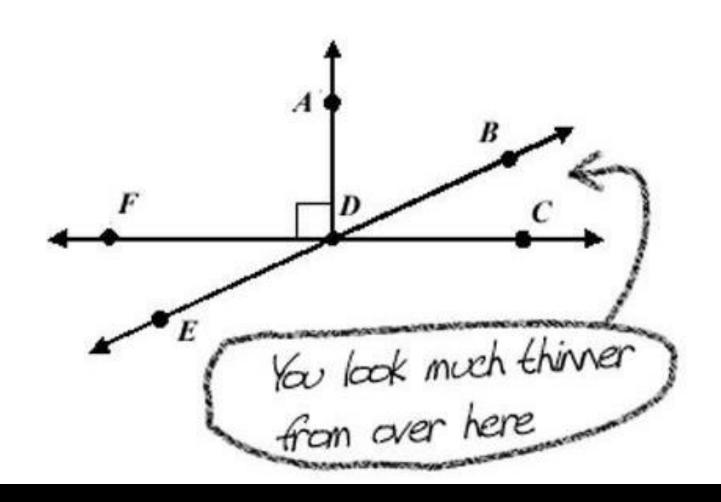
Ossification centre	Age (yr.)
Capetellum	1
Radius	3
Internal (medial) epicondyle	5
Trochlea	7
Olecranon	9
External (latreral) Epicondyle	11



3. Name an angle complimentary to BDC:



Name an angle complimentary to BDC:



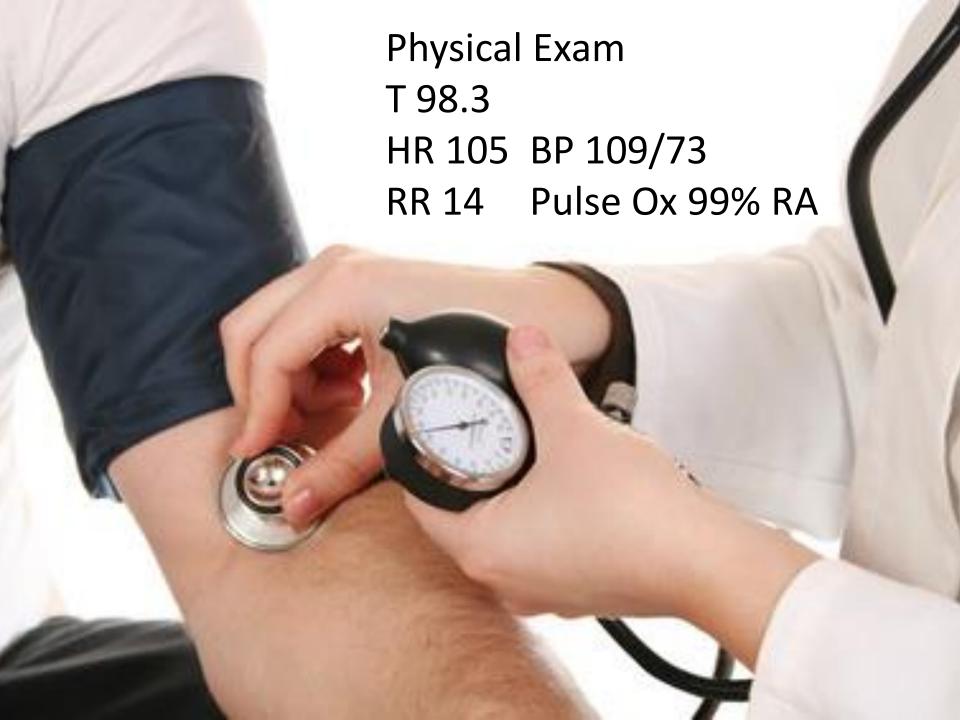
S. What's love DON'T HURT ME, DON'T HURT ME, NO MORE.

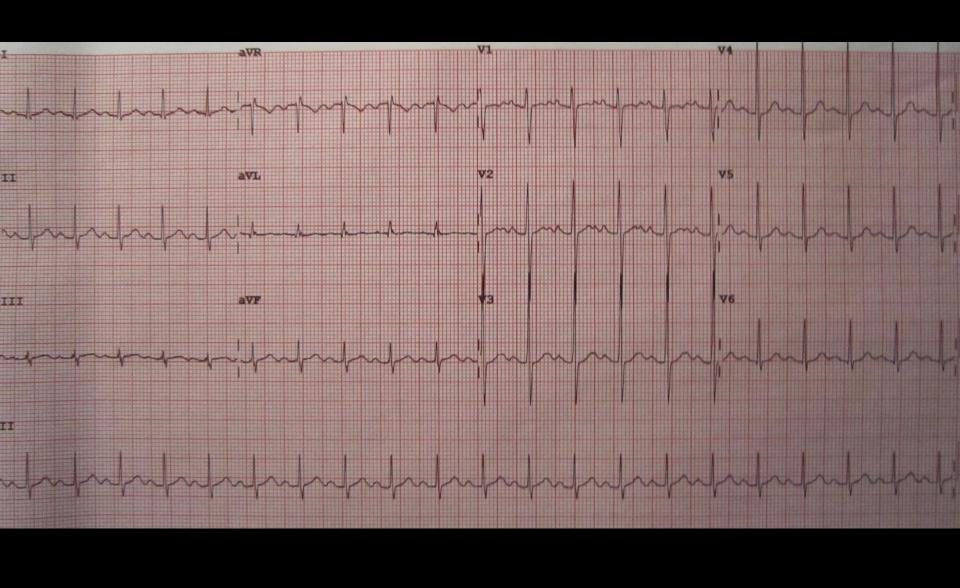
6. How do we love God?

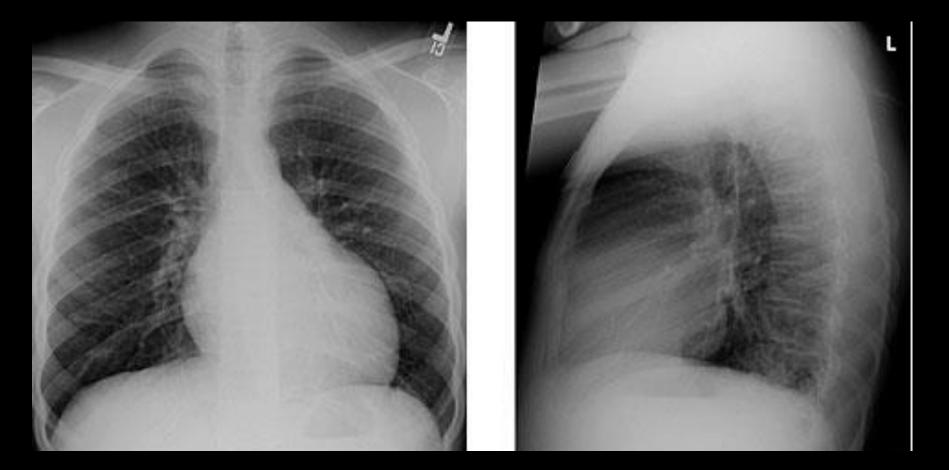


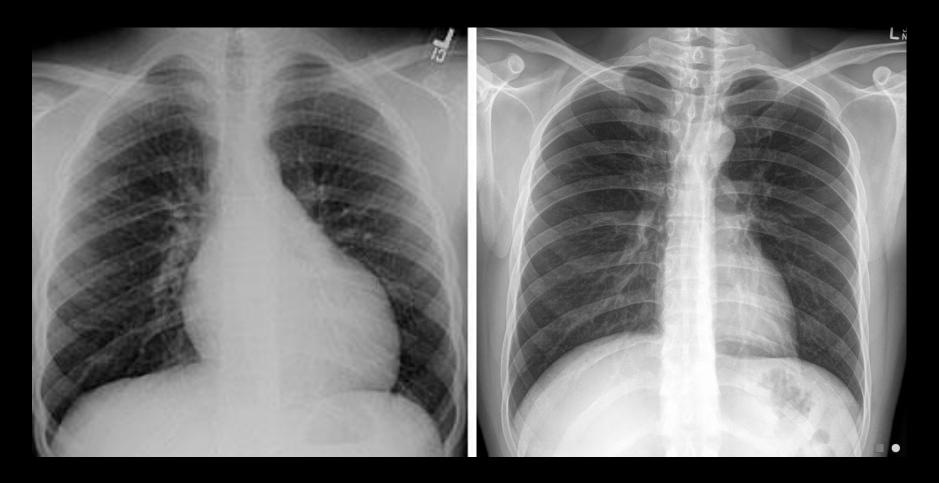
7. How do we love our neig









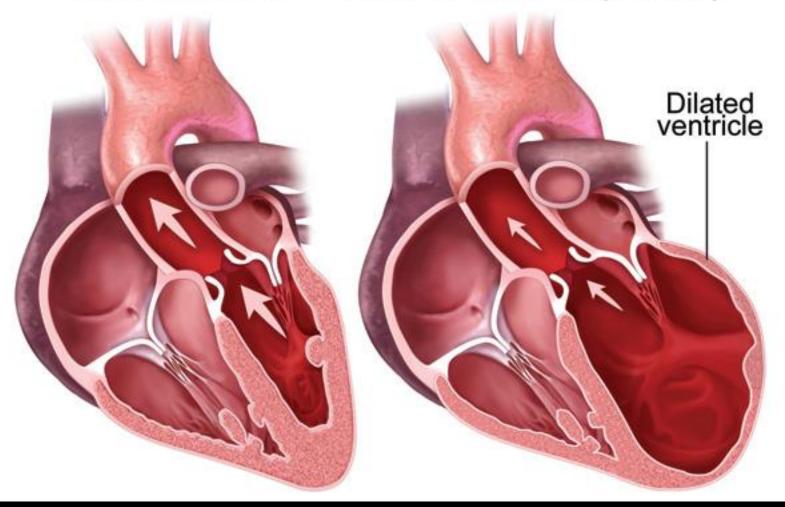


OLD



SOB with clear lungs

Normal Heart Dilated Cardiomyopathy

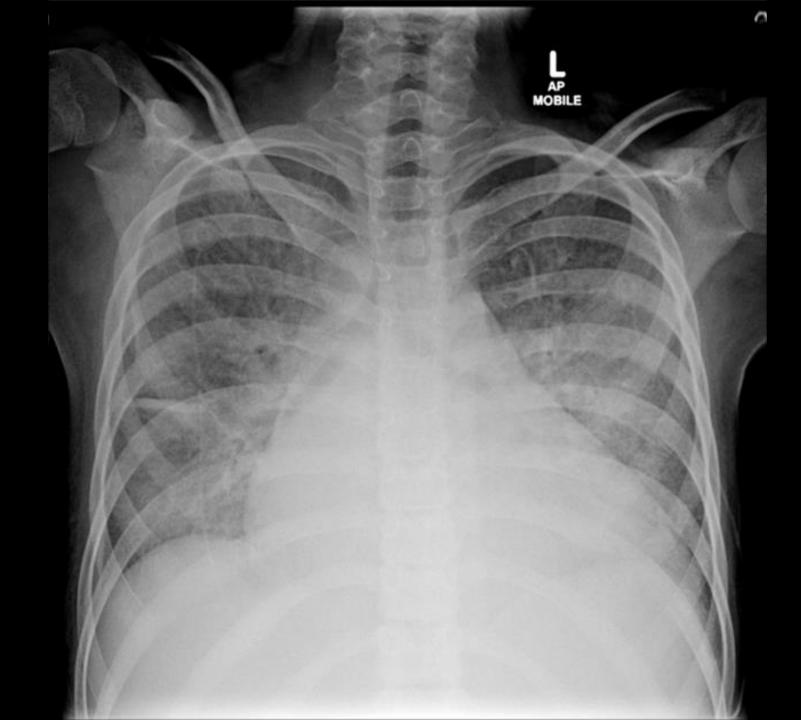


DO OCT OR

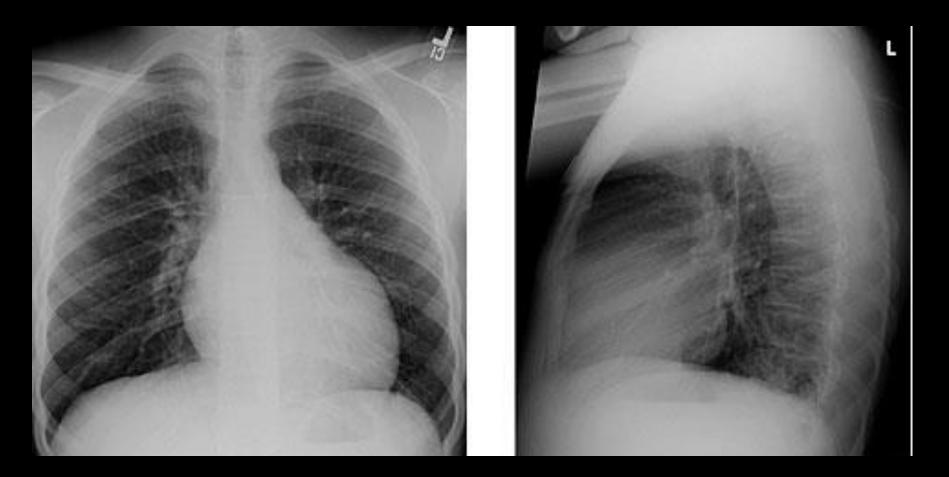
11:11:14 am 4V1c-S 53Hz 11:25112 180mm Cardiac NTHI General

65dB T1/ 0/1/4 Gain= 10dB Δ=3

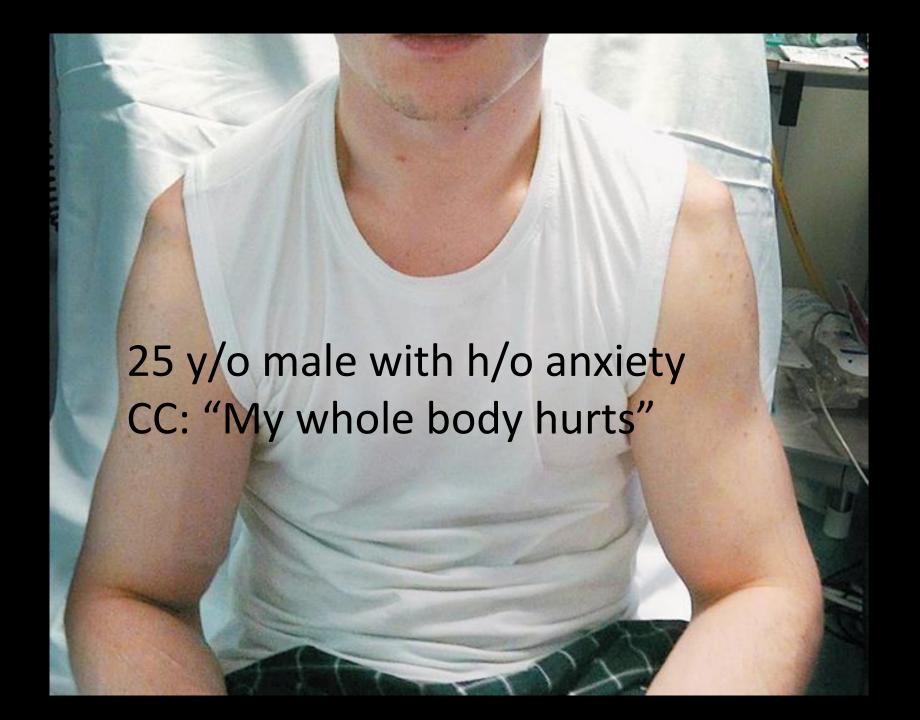
Store in progress
0:19:59
HR= 65bpm

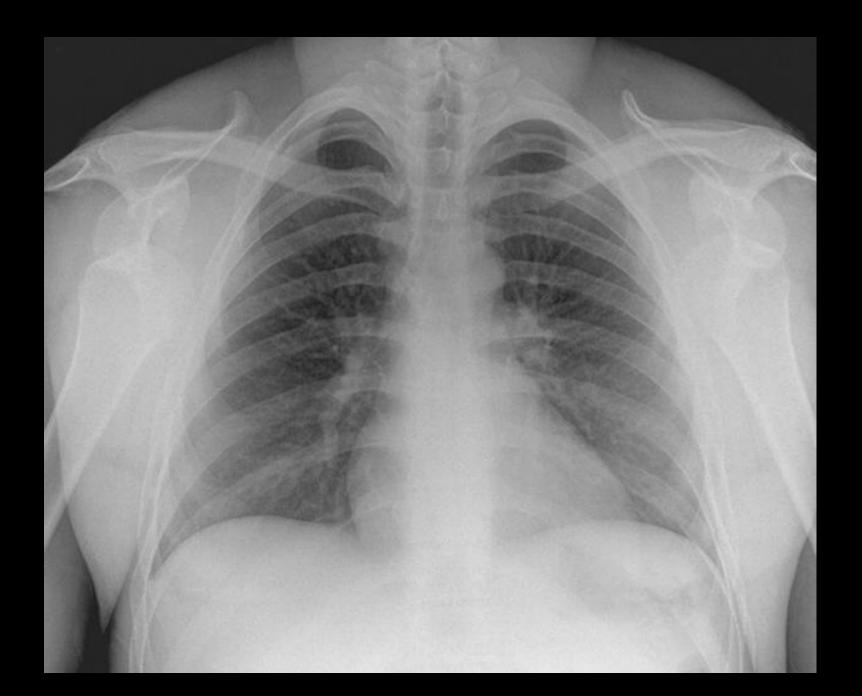






What I Learned Look at old Xrays Look for Cardiomegaly They're not all crazy

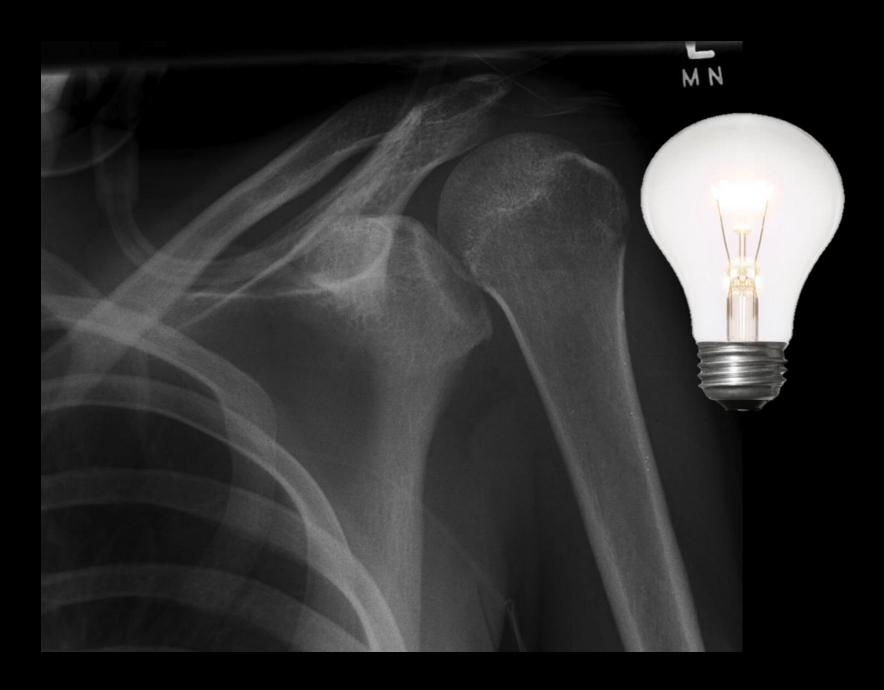




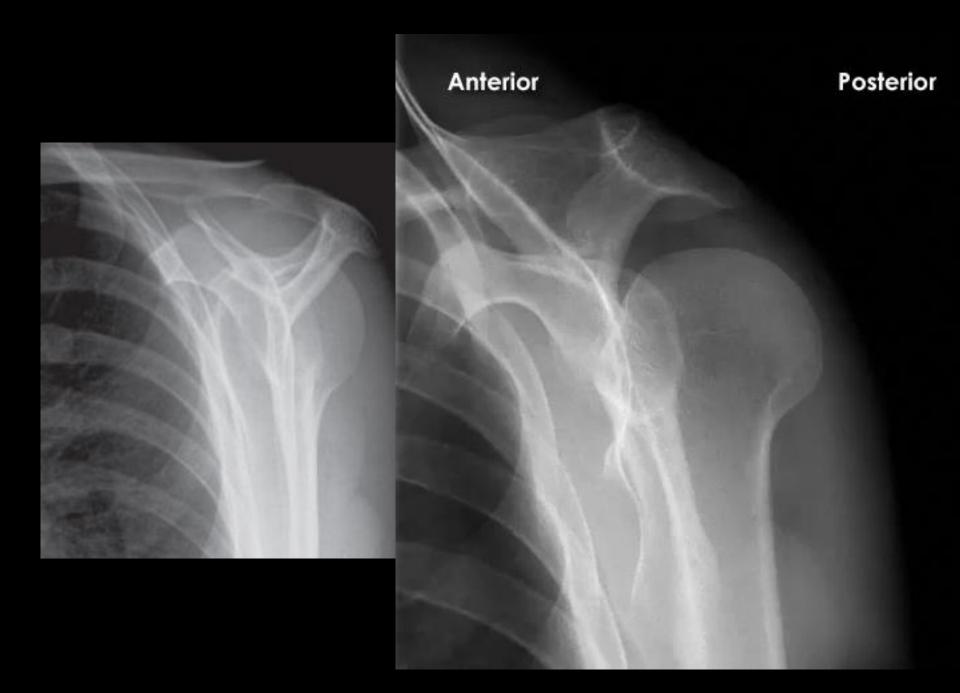
Rule # 5 Always Look at the Entire Xray!



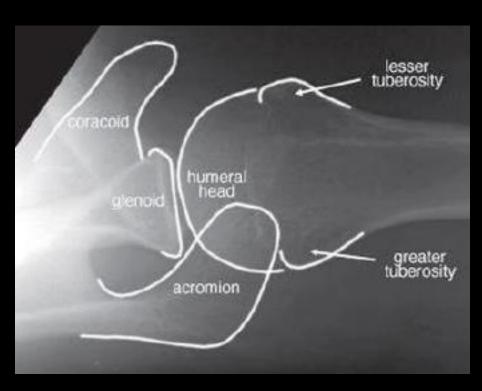








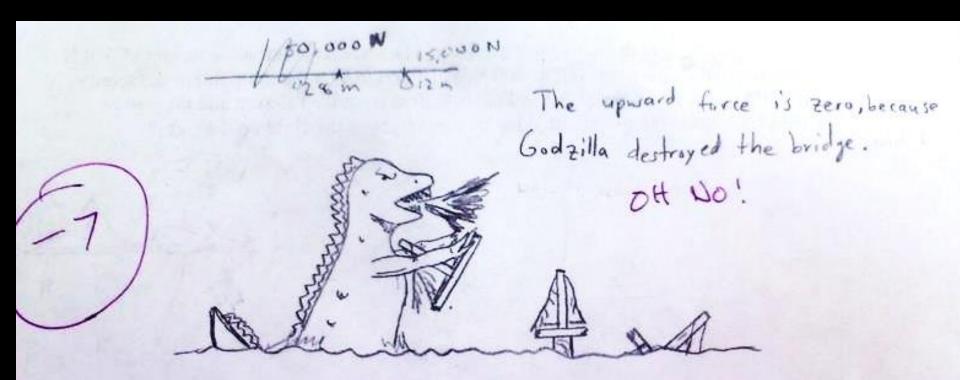
AxillaryLateral



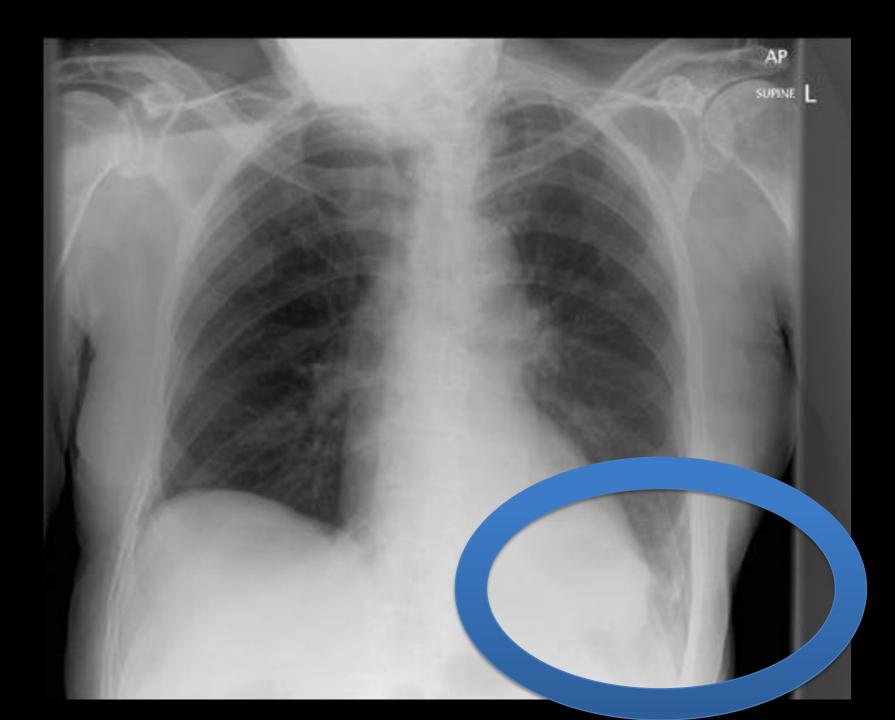


- Tachycardia
- Unexplained shoulder dislocations
- SEIZURE!
- Hyperkalemia, renal failure
- Rhabdo
- Alcohol withdrawl
- Admitted to ICU

4. A uniform bridge span weighs 50.03c10³ N and is 40.0 m long. An automobile weighing 15.03c90³ N is parked 12.0 m from the right pier. What upward support force does the left pier provide?

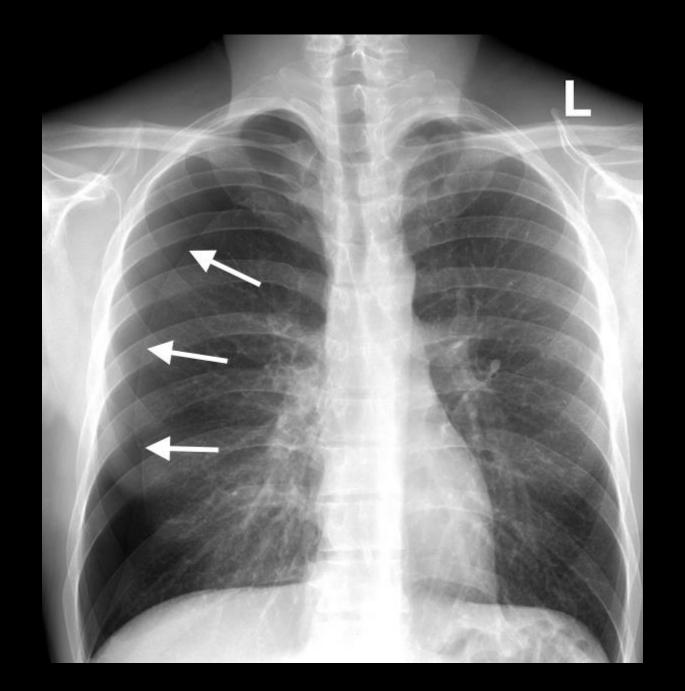




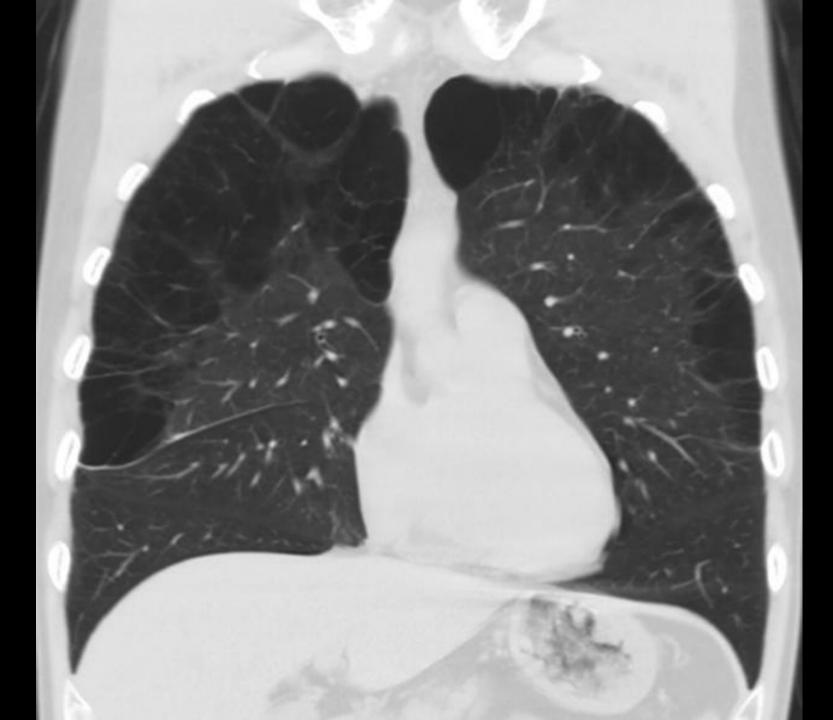


Rule # 3 Know how Xray was taken

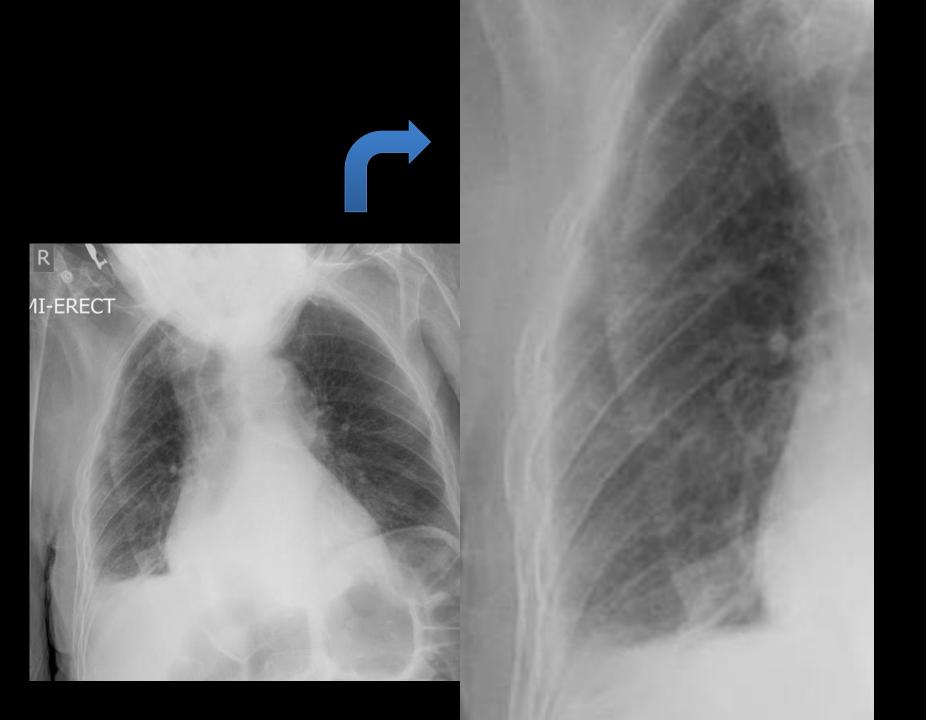
Understand how patient is positioned











SUPINE
RESUS 3

Deep sulcus sign demonstrated on the initial supine chest radiograph which is highly suggestive of a right sided pneumothorax. This was confirmed on an erect chest radiograph a day later.

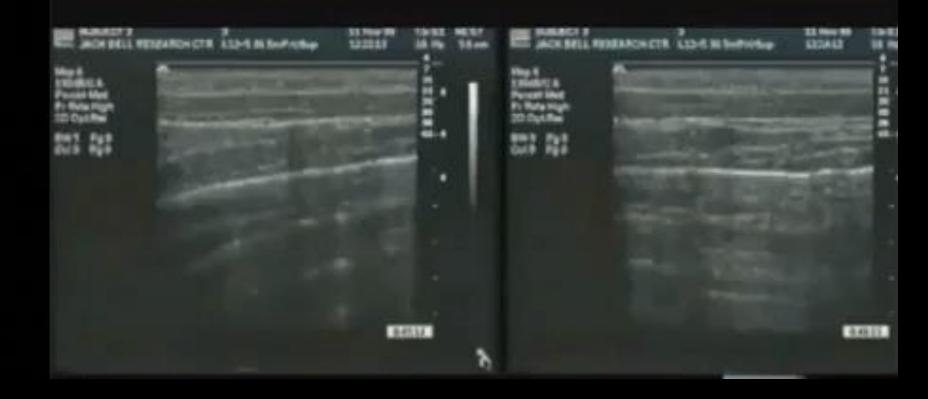






NORMAL

PNEUMO



Case # 6 80 y/o male with AMS

T 39.1

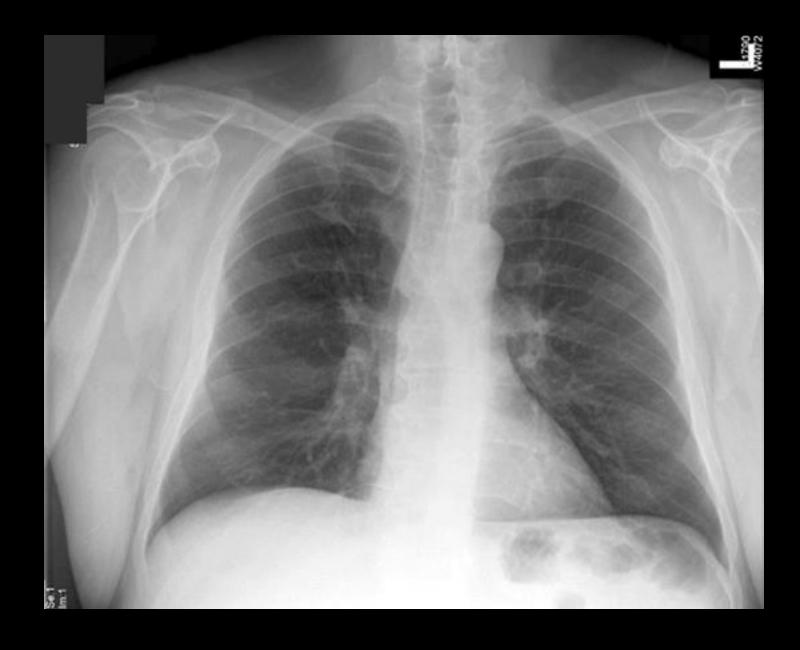
HR 121

BP 84/60

02 98% RA

D stick 135











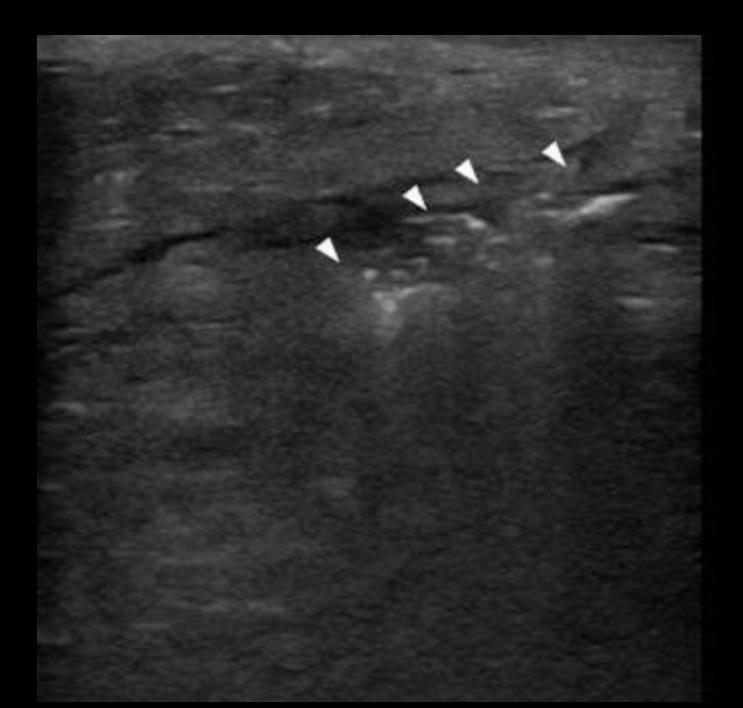






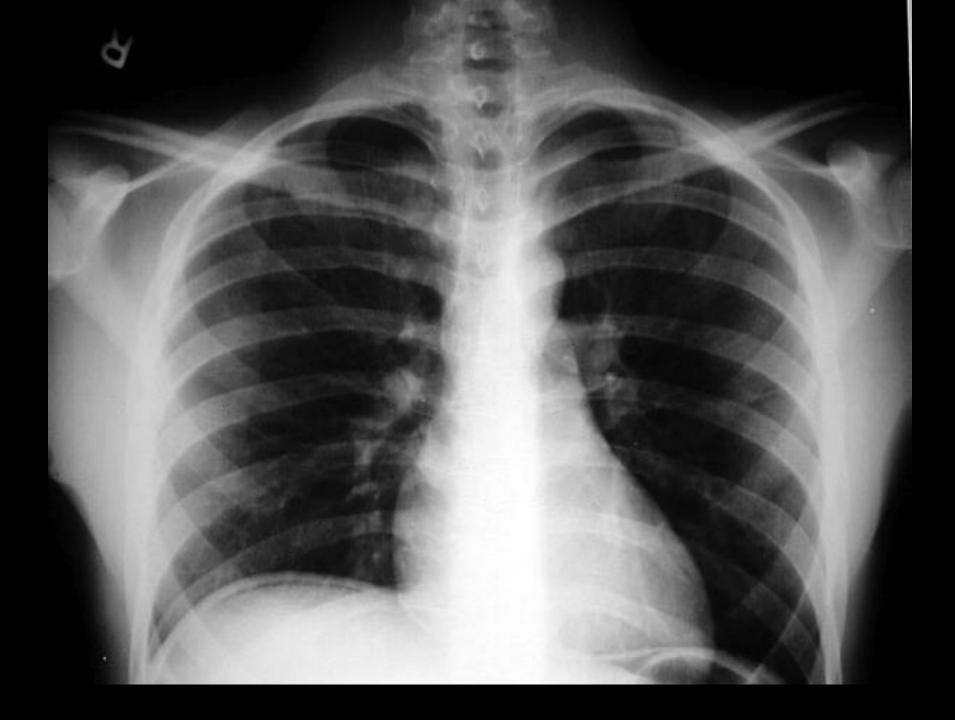


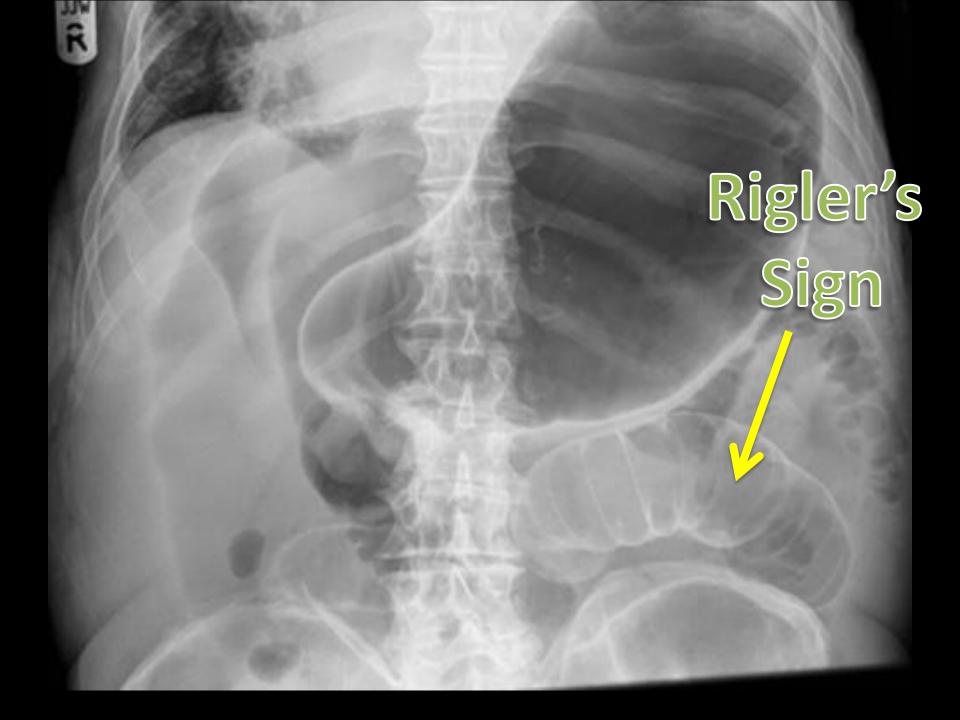


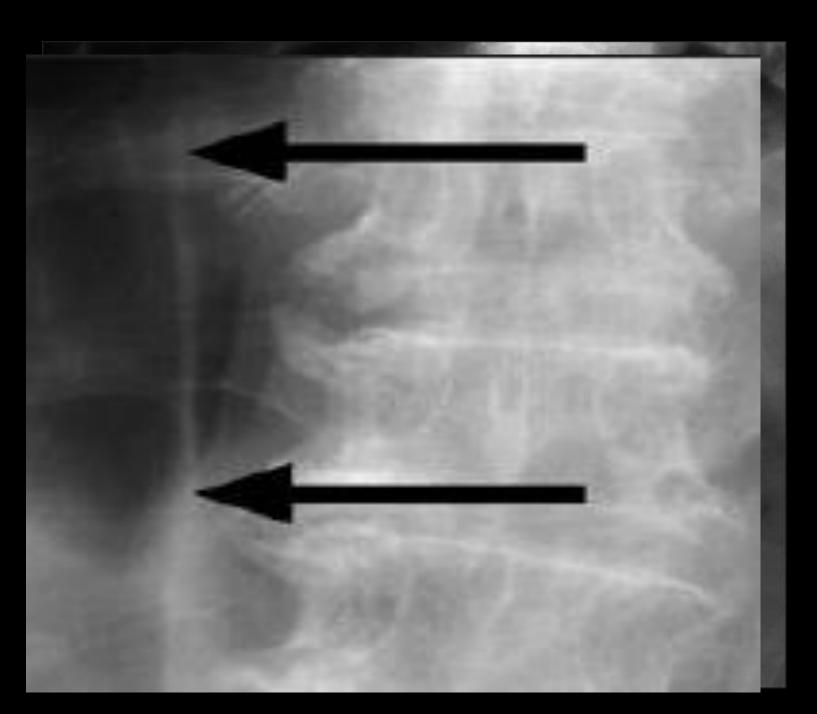


Rule # 2 Look for air... Where it shouldn't be

















Rule # 4 Always Look At Your Own Films!



















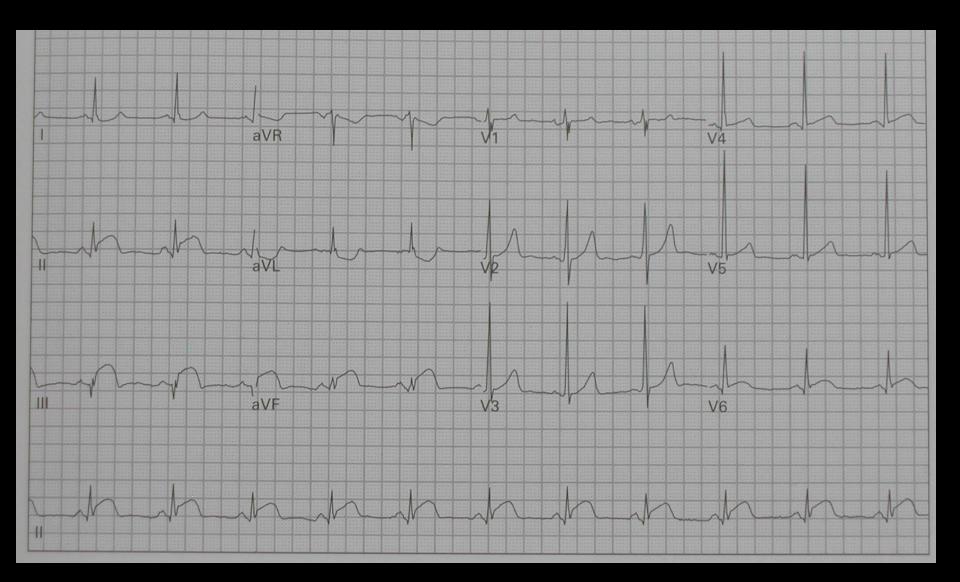


A 23-year-old medical student makes lists of all the tasks that he must accomplish each day. He spends hours studying and refuses to go out with his colleagues even when there are no tests on the immediate horizon, preferring to spend his time looking at specimens in the laboratory. He keeps meticulous notes during all his classes and prefers to attend every lecture, not trusting his colleagues to take notes for him. He is doing well in school and has a girlfriend who is also a medical student. Which of the following disorders does this student most likely have?

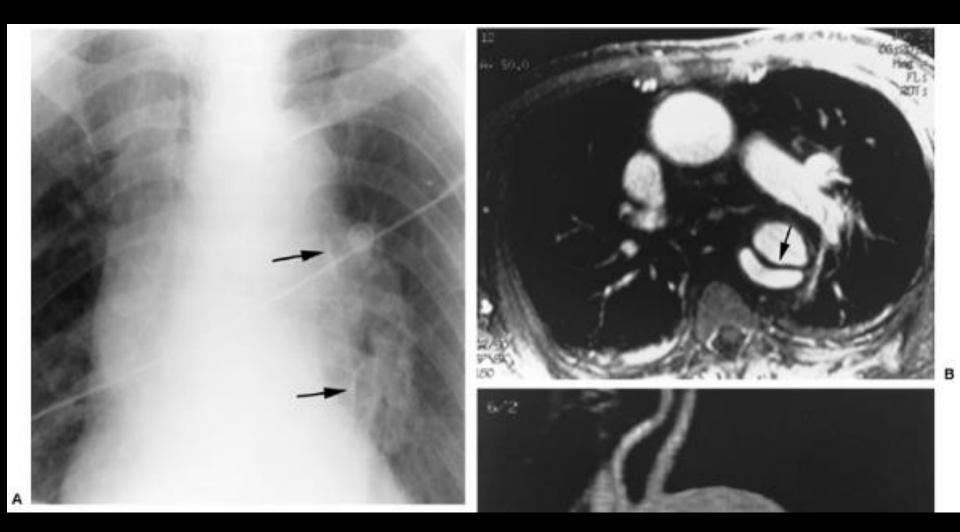
A. OCD

- B. Obsessive-compulsive personality disorder
- C. Obsessive-compulsive traits
- D. Schizoid personality disorder
- E. I il and the disorder



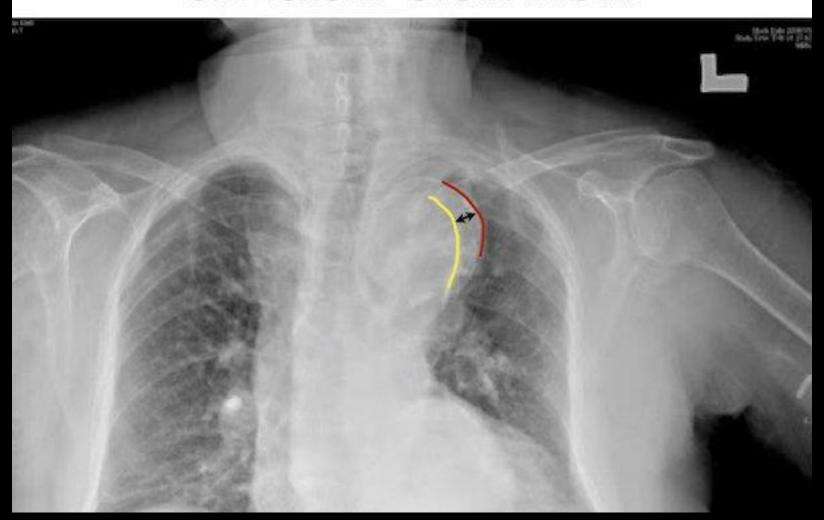




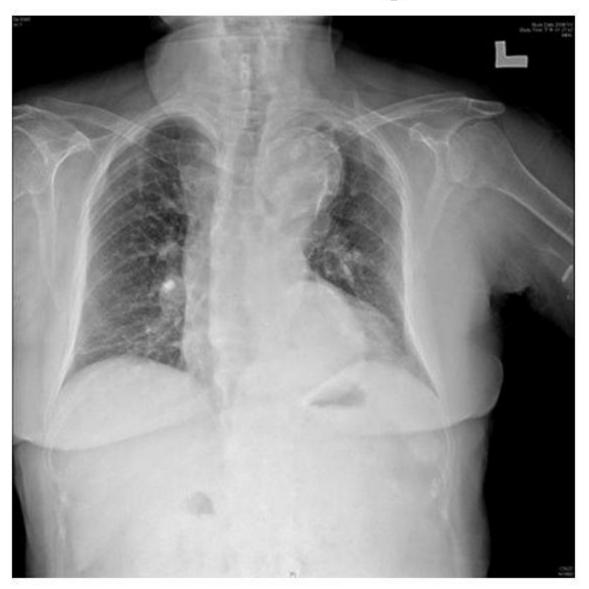




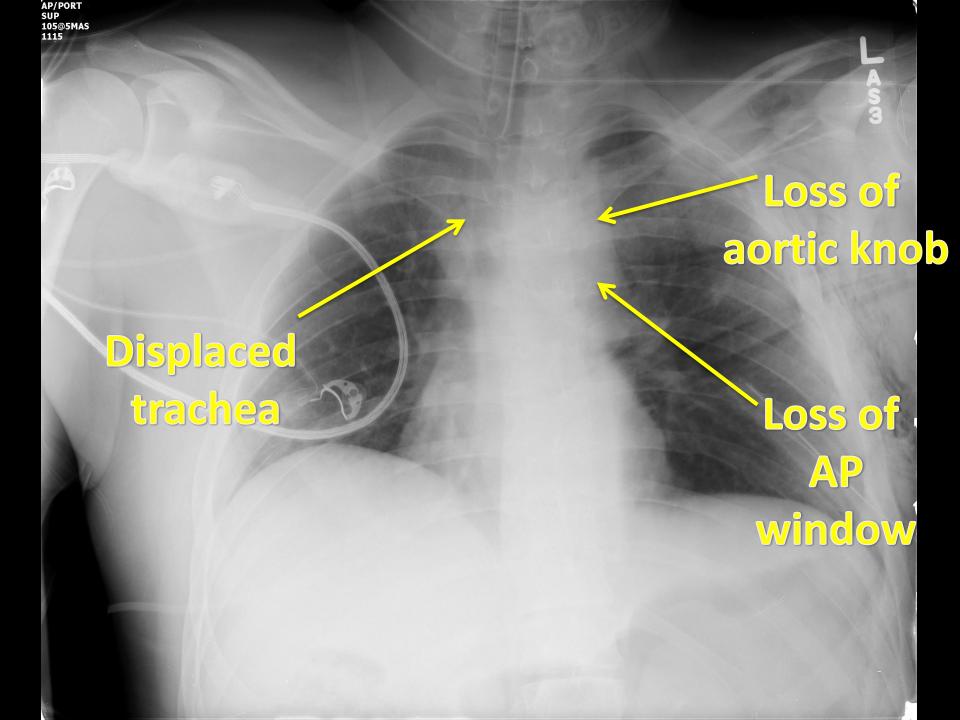
CALCIUM SIGN >1CM

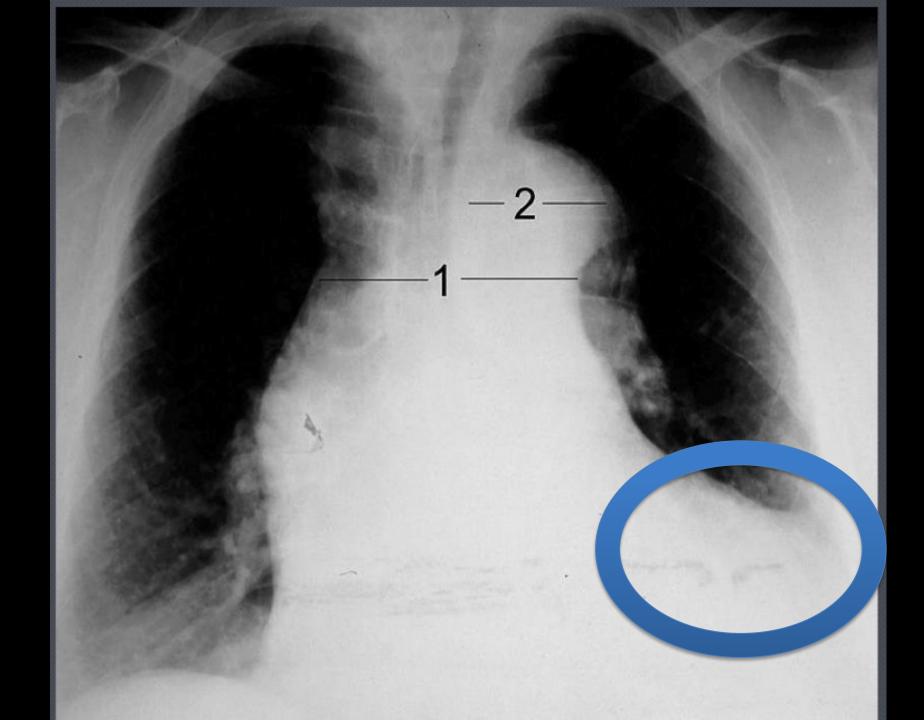


Calcium sign

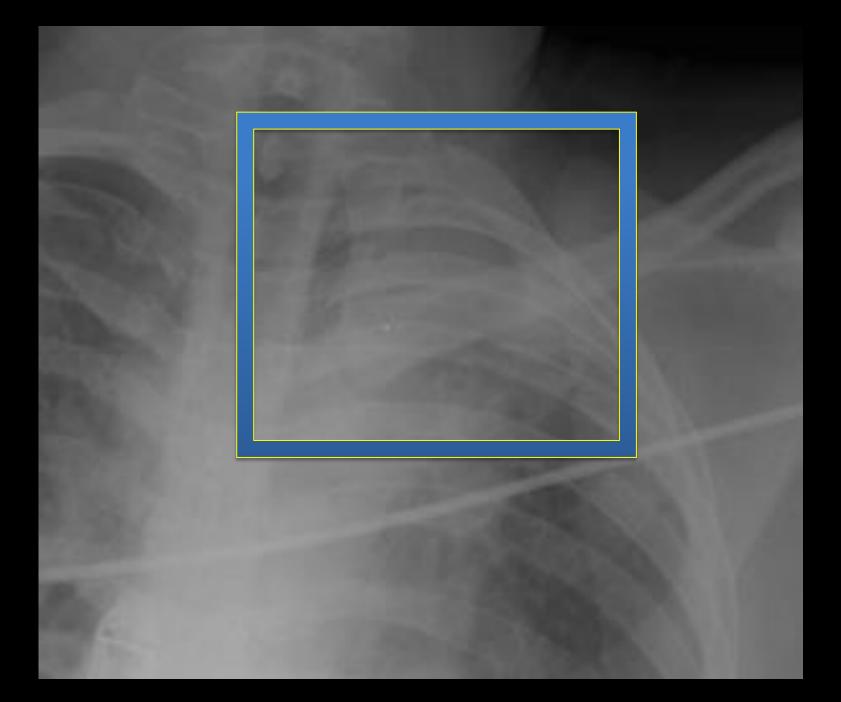






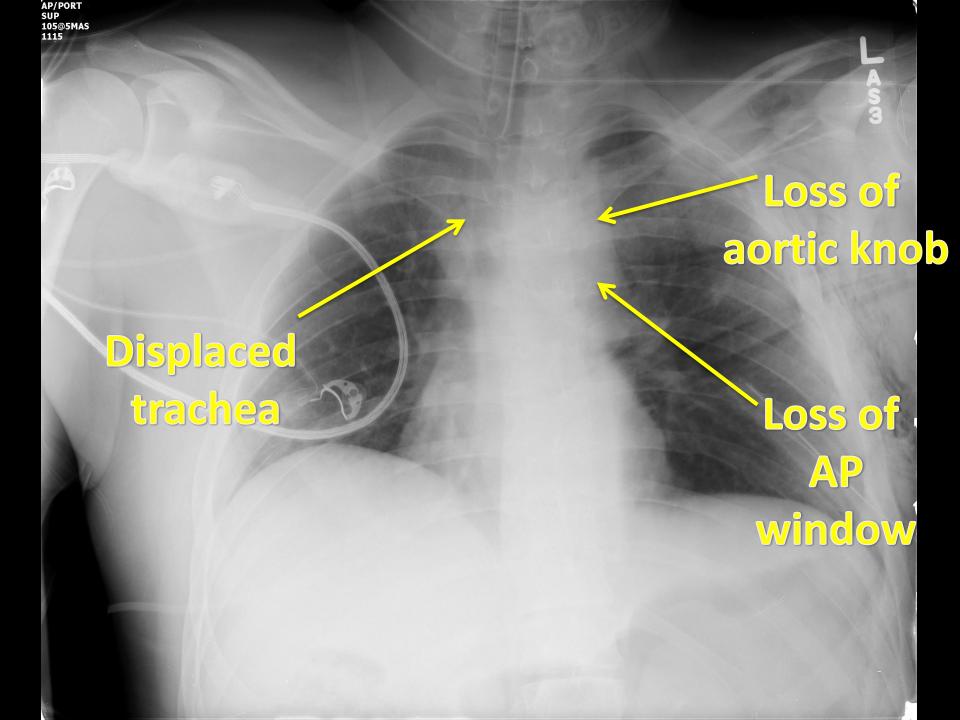


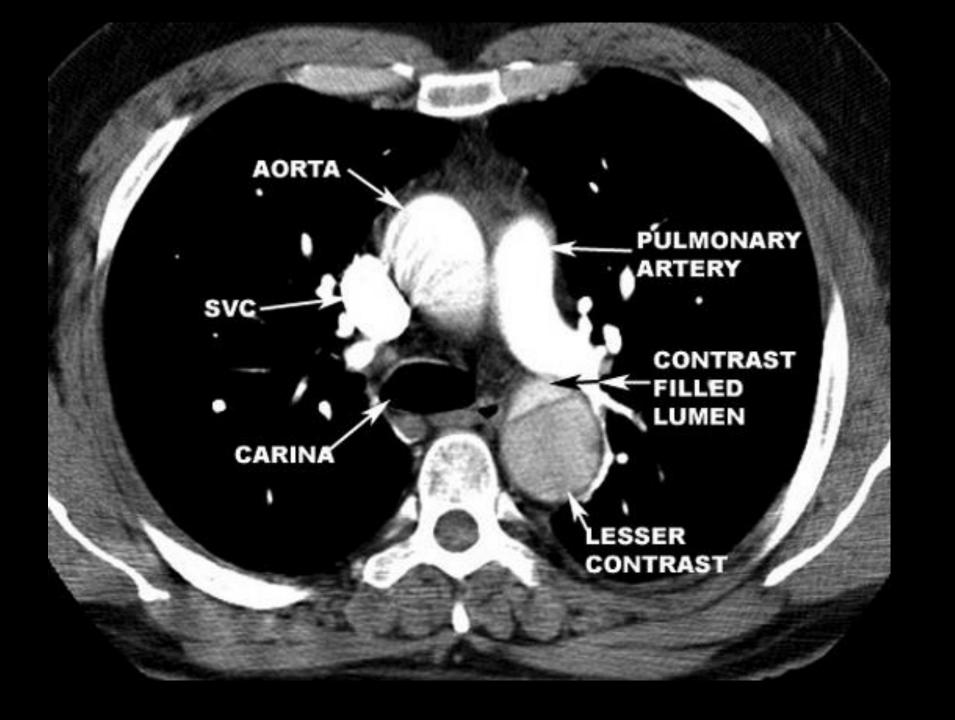








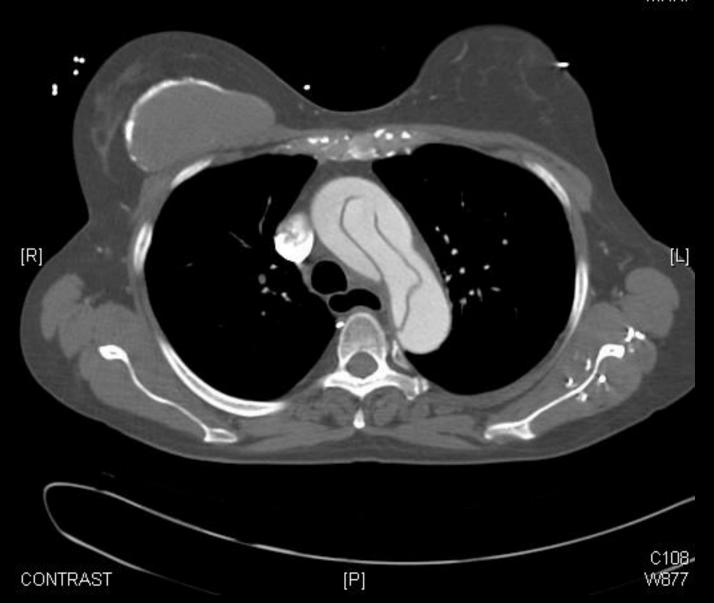








M.JOANNA, C Study Date:2/28/2008 Study Time:10:54:00 PM MRN:



Se:22576 lm:44 [R] [F] CONTRAST

M.JOANNA, C Study Date:2/28/2008 Study Time:10:54:00 PM MRN:

[L]

C108 W877



Fully undress and examine the patient





- Use history and age to help interpret images
- Have high index of suspicion





Have high index of suspicion

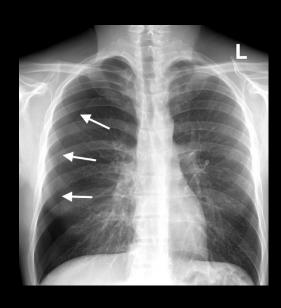








- Know how film was taken
- Always look at your own films





Use systematic approach to looking at Xrays



GillianMD@gmail.com

