

SOAP #3

S:

JC is a 22 y/o M endorsing no PMHx presenting with SOB and atraumatic acute CP that radiates from right to left. Patient states that he had a CXR done at CityMD 1 hour ago indicating a right ptx and was prompted to go to the ER.

Denies recent trauma, fever, chills, body aches, weight loss, palpitations, diaphoresis, orthopnea, edema, any recent procedures, sick contacts, h/o asthma, h/o HIV, h/o incarceration, or h/o smoking

PMH: Denies any

PSH: Denies any

Allergies: NKDA

Medications: Denies any intake of prescription medications

FHx: Non-contributory

SHx: Non Smoker, Denies past or present EtOH use or illicit drug use

O:

T 36.8C | BP 110/75mmHg | P 94 BPM, regular | RR 16 breaths/min, unlabored | SpO2 93% RA

H 70in | W 121 lb. | BMI 17.4

Gen: Slender, neatly groomed, looks stated age of years. AxO x3. Appears.

CV: RRR. S1 and S2 are normal. There are no murmurs, S3, S4, splitting of heart sounds, friction rubs.

Pulm: **No breath sounds on RT.** LT Clear to auscultation and percussion bilaterally. Chest expansion symmetrical. No wheezing, rhonchi, rales, dullness.

Musculoskeletal: No signs of trauma, no focal tenderness

A:

JC is a 22 yo male with SOB and atraumatic CP appearing with no breath sounds on RT lung on exam. Likely spontaneous pneumothorax.

Differential Diagnosis:

- Tension pneumothorax
- Spontaneous Pneumothorax

P:

Labs: Type and screen, aPTT, BMP, CBC w/ diff, PT/INR, COVID, TSH, Troponin

Imaging/Tests: CXR, CT-Lung w/o contrast

Spontaneous Pneumothorax:

- Needle decompression and chest tube insertion followed by CXR to confirm placement
- Supplemental O2
- Monitor over 1-5 days

Initial DDx Based on CC:

- Tension pneumothorax
- Iatrogenic pneumothorax
- Spontaneous Pneumothorax

Adjusted DDx After H&P:

- Tension pneumothorax
- Spontaneous Pneumothorax