

SCHOOL OF NURSING

University of Medicine & Dentistry of New Jersey



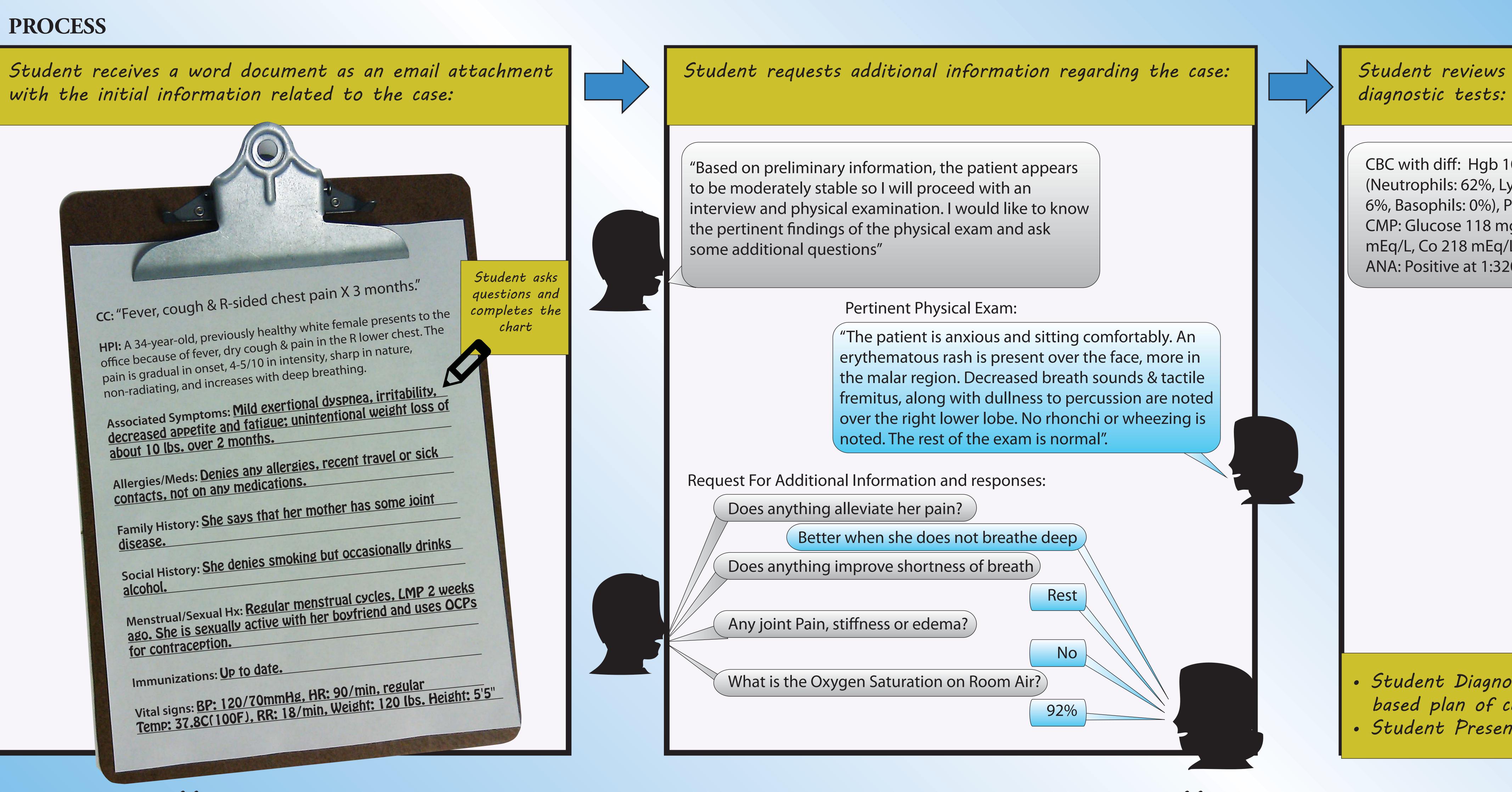
Objectives

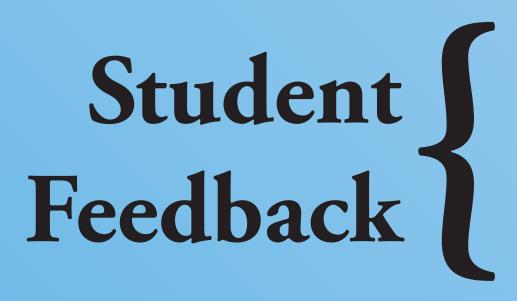
- Provide NP students with an opportunity to apply advance practice nursing knowledge and skills learned in the previous semesters of study.
- Allow NP students to utilize their critical thinking skills to work up individual, maximally simulated cases in the least stressful environment.
- Modify the cases based on student responses and ability to handle complexity.
- Develop a level of confidence and enthusiasm among NP students.
- Utilize the teaching/learning strategies to their best potential.
- Promote case presentation skills among NP students.

Major Elements

- Individual NP students.
- Individual Cases.
- Can be done remotely.
- Opportunity to modify based on student responses.
- Ongoing positive and Negative feedback to students.
- Multiple steps-critical thinking.
- 1:1 learning without being 1:1 live.
- Students encouraged to consult available resources-look up information.
- Keep student's interest.
- Ability to guide students during case management.
- The students work up cases under faculty supervision and present to the class.

PROCESS





Virtual Case Studies: Stimulate Advanced Critical Thinking in Nurse Practitioner Students

Amita Avadhani, DNP, DCC, ACNP, ANP, APN, CCRN

I just want to say that this assignment was one of the most interesting and fun assignments I have done in a long time. As a NP student, I am constantly trying to figure out the diagnosis on my own before my

preceptor gives me an idea and this assignment fully reinforces that Thank you for giving us such an interesting assignment that reinforces what we do in clinical. Please don't stop doing this in the future! ??

66 Dr. A,

I enjoyed this as a way to learn. It stimulated me to think and look up information that prepares me to be more informed in real life...Thank you again 99

Student reviews the additional Info & requests labs,

CBC with diff: Hgb 10, Hct 30, MCV-86 fl, Wbc 10,000/cmm (Neutrophils: 62%, Lymphocytes: 29%, Eosinophils: 3%, Monocytes: 6%, Basophils: 0%), Plt-140,000/cmm CMP: Glucose 118 mg/dL, Na 135 mEq/L, K 3.8 mEqjL, Ch 110

mEq/L, Co 218 mEq/L, BUN 16 mg/dL, Cr 1.0 mg/dL, LFT's normal ANA: Positive at 1:320

> Additional Diagnostic tests requested: ECG: Normal sinus rhythm, No STT changes Chest X-ray PA & lateral: Right-sided pleural effusion is seen

Student requests additional tests: Anti-Ds DNA is positive, Anti smith, antiphopholipid antibody + Serum Complement C3 and C4-Low Diagnostic Thoracentesis: Appearance Slightly turbid, PH 7.6, LDH 240 U/L, Protein 10.5 g/dL, Glucose 46 mg/dL, Gram stain Negative for organisms, Cytology-Negative

• Student Diagnoses the Case and prepares an evidence based plan of care • Student Presents the Case in Class detailing the steps

> 66 Dr. A, This is an excellent way to learn - I like this project! ??