

Clinical Practicum 1
Clinical Reasoning Assignment – Part 1

Planning the Examination, Evaluation and Treatment of a patient with an Orthopedic Diagnosis

Objective: To work through an examination and evaluation of an orthopedic diagnosis while utilizing clinical reasoning skills for the choices made during the examination and evaluation portions while utilizing the patient's history.

Directions:

1. Look through the entire form before completing to become familiar with the sections
2. Choose one patient needing an orthopedic evaluation (NOT postop) that you and/or your CI will be performing BY week 2 or 3 of your clinical
3. Complete the history portion during the “live” history taking (if possible) with your selected patient
4. Option 1 - Watch your CI perform the examination portion:
 - a. Note differences between the procedures you would choose and what your CI performed
 - b. Complete the remaining portion of the form later in the day – allow time for discussion with your CI

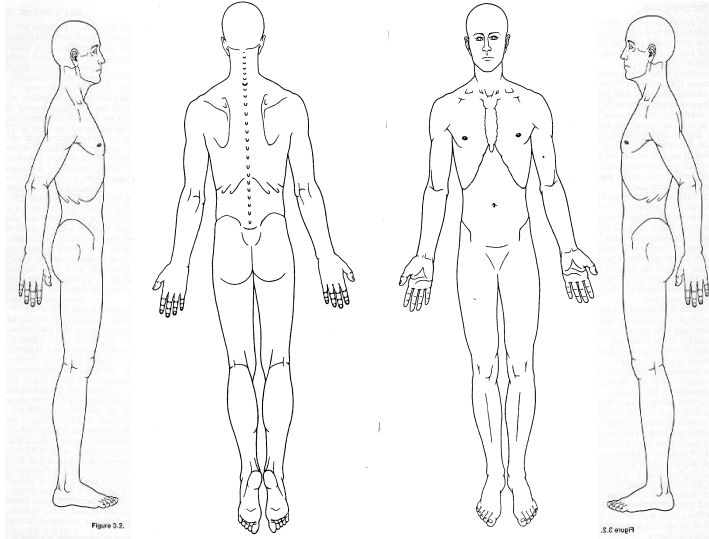
Option 2 – After the history portion, leave the patient and fill out the remaining form on your own

- a. Compare your “paper” form to the examination your CI performed
 - b. Allow time to discuss differences with your CI
5. Complete the Evidence Based Practice Section at the end which has you follow the CAT format for either an intervention or diagnostic procedure for the patient selected
 6. Type your responses in this document and upload all parts of the assignment to BrightSpace after you have discussed with your CI

Examination: History

Date of Injury:

1. The source(s) of the symptoms:
 - a. Fill out the body chart.
 - b. Fill in the chart with all possible sources at fault for each area on the body chart.



Joints Under the Area of symptoms that must be examined.	Joints which may refer into the area of symptoms	Contractile tissue which must be examined under the area of symptoms.	Other Structures that you must examine

Mechanism of Injury:

Summary of the history:

- 2. Fill out the chart below.
 - a. List the structures involved and identify reasons that support or negate the structures on your list.

	Supporting	Negating
Possible Structure Involved: List each structure from the chart above (you may need to add rows to the chart).		
Mechanism of Symptoms: peripheral (joint, muscle, peripheral nerve), central (CNS), autonomic (ANS) or affective.		

Evaluation from History:

- 3. Do the symptoms appear to fit those commonly associated with a particular syndrome/disorder/pathological factor? If yes, what is your primary hypothesis/diagnosis?

4. Are there any contributing/contextual factors associated with the patient's symptoms? (other compounding diagnoses, external motivational factors, affective concerns, etc.)

Contextual Factors	Supporting History data	Supporting Examination data
Environmental Factors		
Personal Factors		

5. Severity and Irritability: Check the appropriate box

	Mild	Moderate	Severe
Severity			
Irritability			

6. Are there any precautions specific to the patient's PT diagnosis, surgery, past medical history, or medications?

7. Is the disorder predominantly inflammatory or mechanical? List the factors that support and those that negate your decision:

	Support	Negate
Inflammatory		
Mechanical		

8. Is a neurological examination necessary? Why or why not?

9. Do you expect comparable signs (positive examination findings) to be easy or hard to find?

10. What are the clues if any in the history and examination to the treatment techniques that may be used? (Think about the patient's aggravating and easing factors as well as your primary hypothesis.)

11. What is your concept of how the patient is affected by this problem, list the patients FUNCTIONAL LIMITATIONS?

12. Do the signs fit with the symptoms? If not, what other differential diagnoses might need to be considered?

Physical Examination

1. State how involved you will be as a part of this examination. Include whether or not you are comfortable with symptom reproduction, assessing end feels and list why.
2. List what special tests and measures that were included as a part of the examination evaluation. Include specific MMT, goniometric measurements, accessory glides and specific special tests.
3. List any further examination techniques that are required by you or requires referral to another professional to rule out or implicate coexisting conditions and contributing factors.

Evaluation

4. Has your initial primary hypothesis changed after completion of the examination? If so, what is your new primary hypothesis?

Intervention (First Visit)

5. What was your first treatment technique?
6. What physical findings support this treatment technique choice?
13. What was the effect/result of today's treatment (**first visit**) with your reassessment?
14. What is your expectation of the patient's response over the next 24 hours?
15. What is your plan for this patient? Include frequency and number of treatment sessions, treatment choices (strengthening of what muscles, stretching of what muscles, manual therapy techniques, modalities, etc.), patient prognosis/rehabilitation potential.

Prognosis/Plan of Care

1. What are your thoughts regarding prognosis? Please list any factors that can affect the prognosis for example: motivation level, work status, education level, family support, etc.

Favorable	Unfavorable

EVIDENCE BASED PRACTICE

Include at least one current article that will support your treatment decisions for this patient using the PICO Format with a bibliographic reference in AMA style.

1. Patient or Problem
2. Intervention (treatment in this case)
3. Comparison Intervention
4. Outcome(s)

Include a CAT review of the article (1-2 pages). Follow the CAT format for either an intervention or diagnostic procedure. The CAT form can be found on BrightSpace.