

Cornell Guided Notes

Principles of Biomedical Technology (Principles of Biomedical Science) | 2026-12-01

Name

Period

Date

Lesson

Lesson focus

Response analysis CER

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Students write a CER evaluating their triage and stabilization decisions against patient outcomes. Big idea: Evaluating your own decisions against evidence is the highest-order skill in emergency medicine: it drives the next protocol improvement.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- triage
- stabilization
- hemorrhage
- metabolism
- dose
- protocol
- medical surge

My notes, examples, and questions

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Cornell Notes - Continued

Key words and questions

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Must-know ideas
What should I understand by the end?

- A CER evaluating triage uses the decision log as data: specific patient tags and timing are the evidence.
- A protocol improvement recommendation must be specific and tied to a decision that did not go as planned.
- Simulation limitations affect the generalizability of conclusions: name at least one that could change the outcome in a real event.

My notes, examples, and questions

Process notes
What happens during class?

- 0-8 min: Review Wednesday decision log: identify the triage decision you are most and least confident in.
- 8-20 min: Write the claim: one sentence stating whether the triage order optimized patient outcomes.
- 20-42 min: Write evidence: cite specific patient tags, assessment data, and timing from the log.
- 42-58 min: Write reasoning: connect each triage decision to its patient outcome.
- 58-70 min: Add protocol improvement recommendation and simulation limitations section.
- 70-80 min: Peer review: confirm claim takes a position, evidence is decision-log specific, limitation is stated.

My notes, examples, and questions

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Steps and evidence What do I do and turn in?

- State a claim about whether the triage order optimized patient outcomes.
- Cite assessment data and triage categories as evidence.
- Explain reasoning that connects each decision to its outcome.
- Recommend one change to improve the response protocol.
- Identify assumptions and limitations from the simulation.

Evidence: CER - CER evaluating the simulation triage order, citing decision-log evidence, connecting decisions to outcomes, recommending one protocol improvement, and stating simulation limitations.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- Write a CER evaluating triage decisions with simulation evidence.
- Recommend an improvement and state at least one limitation.

My notes, examples, and questions

Lab or safety notes What must I handle carefully?

No special lab safety notes today. Follow normal classroom and digital-work expectations.

My notes, examples, and questions

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Cornell Notes - Continued

Summary

Today's lesson focused on Response analysis CER. The main target was: Students write a CER evaluating their triage and stabilization decisions against patient outcomes. The evidence of learning is CER: CER evaluating the simulation triage order, citing decision-log evidence, connecting decisions to outcomes, recommending one protocol improvement, and stating simulation limitations.. In my own words, the most important idea from today is:

My summary

My final question or connection