

Cornell Guided Notes

Biotechnology for Health (Biomedical Innovations) | 2027-01-26

Name

Period

Date

Lesson

Lesson focus

Speed-vs-equity debate

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Argue a claim-evidence-reasoning position on whether ER design should prioritize speed or equity of care. Big idea: Engineering design always involves tradeoffs, and naming those tradeoffs explicitly with evidence is the first move of every good design process.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- triage
- stakeholder
- system
- constraint
- workflow
- inefficiency

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?

- What a Claim-Evidence-Reasoning (CER) structure is and how to use it to argue a position.
- The central design tradeoff in ER systems: throughput speed versus equitable access to care.
- How framing a system problem as a debate reveals the constraints that any solution must navigate.

My notes, examples, and questions

Process notes
What happens during class?

- 0-10: Frame the week: introduce Problem 1 and the speed-versus-equity design tension
- 10-25: Debate prep: write two questions and draft your CER position independently
- 25-55: Structured class debate: argue positions, take notes on counterarguments
- 55-70: Connect to design: how does the debate outcome constrain what you will design?
- 70-78: Submit two questions, CER contribution, and brief reflection
- 78-80: Exit check: state one constraint the debate revealed

My notes, examples, and questions

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Steps and evidence What do I do and turn in?

- Prepare two debate questions about ER triage tradeoffs.
- Draft one CER contribution: claim, evidence, reasoning on speed vs equity.
- Participate in the structured class debate and take notes on counterpoints.
- Frame the week: an ER is a system with stakeholders and constraints.
- Submit two questions, one CER contribution, and a brief reflection.

Evidence: CER - Written CER contribution arguing a position on ER speed versus equity, plus two debate questions and a reflection note.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- You can state a defensible claim with evidence and reasoning.
- You can describe a real tradeoff between speed and equity in the ER.

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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Summary

Today's lesson focused on Speed-vs-equity debate. The main target was: Argue a claim-evidence-reasoning position on whether ER design should prioritize speed or equity of care. The evidence of learning is CER: Written CER contribution arguing a position on ER speed versus equity, plus two debate questions and a reflection note.. In my own words, the most important idea from today is:

My summary

My final question or connection