

Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2027-04-12

Name

Period

Date

Lesson

Lesson focus

Screening equity debate

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Argue a CER position on whether genetic screening is offered fairly across communities.
Big idea: If a genetic test can save lives but only wealthy patients access it, is the test itself equitable?

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- molecular diagnosis
- validity
- reliability
- false positive
- false negative
- treatment plan

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?

- Genomic screening is not uniformly available: cost, geography, and insurance coverage create access gaps across income and racial groups.
- Early detection through screening reduces treatment cost and mortality, making access gaps a health equity issue.
- A CER on equity must name who is excluded and provide evidence of the consequence, not just assert unfairness.

My notes, examples, and questions

Process notes
What happens during class?

- 0-5: Hook data comparison; frame equity debate question
- 5-20: Silent read of screening equity case brief; draft two access questions
- 20-35: CER draft: equity claim, two evidences, reasoning
- 35-65: Structured debate: equity in screening access, pro and con
- 65-75: Written reflection: state one cost or access counterargument
- 75-80: Post CER and reflection to course shell

My notes, examples, and questions

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Steps and evidence What do I do and turn in?

- Read the screening equity case brief in the course shell.
- Write two prepared questions about who gets access to genetic screening and who is left out.
- Draft a CER with a claim, two pieces of evidence, and reasoning about equity.
- In the debate, note one counterargument about cost or access.
- Post your CER and reflection in the course shell.

Evidence: CER - One CER on whether genetic screening is offered equitably, plus a reflection naming one cost or access counterargument.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- You'll be able to argue a position on screening equity with evidence.
- You'll be able to address an access-based counterargument.

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 Screening equity debate. The main target was: Argue a CER position on whether genetic screening is offered fairly across communities. The evidence of learning is CER: One CER on whether genetic screening is offered equitably, plus a reflection naming one cost or access counterargument.. In my own words, the most important idea from today is:

My summary

My final question or connection