

Cornell Guided Notes

Human Anatomy & Physiology (Human Body Systems) | 2027-04-23

Name

Period

Date

Lesson

Lesson focus

Ventilator allocation ethics debate

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Students will debate how scarce ventilators should be allocated during a respiratory crisis.
Big idea: Resource scarcity in medicine forces explicit ethical choices about whose life receives priority support.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- alveolus
- gas exchange
- tidal volume
- vital capacity
- spirometry
- oxygen saturation

My notes, examples, and questions

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Cornell Notes - Continued

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

- Ventilators provide mechanical breathing support to patients who cannot breathe independently.
- Triage frameworks used during crises may include expected survival, age, and functional status.
- The ethics of crisis standards of care connect to pathophysiology and public health content on the WebXam.

My notes, examples, and questions

Process notes
What happens during class?

- 0-8: Read the ventilator shortage scenario; assign triage team roles
- 8-22: Group prep: list 2 ethical allocation criteria from your team's perspective
- 22-40: Debate round 1: each group presents its strongest criterion
- 40-55: Challenge round: each group responds to one opposing criterion
- 55-70: Individual writing: position with one supporting reason
- 70-80: Share and submit exit ticket

My notes, examples, and questions

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Steps and evidence
What do I do and turn in?

- Read a short scenario on a ventilator shortage.
- Form groups representing hospital triage teams.
- List two ethical criteria for allocating ventilators.
- Respond to one opposing group's criterion.
- Write your position with one supporting reason.

Evidence: Exit ticket - Written position on ventilator allocation, citing one ethical criterion and naming one genuine tradeoff in triage decisions.

My notes, examples, and questions

Checks for understanding
How do I know I got it?

- Each student defends an allocation criterion.
- Groups identify one tradeoff in triage decisions.

My notes, examples, and questions

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Lab or safety notes
What must I handle carefully?

Supplies:

- Spirometer or spirometry sensor
- Disposable mouthpieces
- Respiratory system diagram
- Pulse oximeter
- Data table for lung volumes
- Lab notebook

My notes, examples, and questions

Summary

Today's lesson focused on Ventilator allocation ethics debate. The main target was: Students will debate how scarce ventilators should be allocated during a respiratory crisis. The evidence of learning is Exit ticket: Written position on ventilator allocation, citing one ethical criterion and naming one genuine tradeoff in triage decisions.. In my own words, the most important idea from today is:

My summary

My final question or connection