

Cornell Guided Notes

Human Anatomy & Physiology (Human Body Systems) | 2027-04-16

Name

Period

Date

Lesson

Lesson focus

Heart transplant allocation debate

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Students will debate how donor hearts should be allocated among competing patients. Big idea: Organ allocation decisions expose real tradeoffs between medical urgency, equity, and resource scarcity.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- artery
- vein
- capillary
- atrium
- ventricle
- EKG
- cardiac cycle
- pulse

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?

- Transplant allocation criteria typically include medical urgency, compatibility, wait time, and likelihood of success.
- Scarcity of donor organs means every allocation decision involves tradeoffs that affect patient outcomes.
- Bioethics in cardiology is a component of the Anatomy/Physiology/Pathophysiology WebXam domain.

My notes, examples, and questions

Process notes
What happens during class?

- 0-8: Read patient profiles; assign committee groups
- 8-22: Group prep: list 2 allocation criteria from your committee's perspective
- 22-40: Debate round 1: each group presents its top criterion with justification
- 40-55: Challenge round: each group defends ranking against one opposing criterion
- 55-70: Individual writing: final ranking with one-sentence justification per criterion
- 70-80: Share rankings; submit exit ticket

My notes, examples, and questions

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Steps and evidence
What do I do and turn in?

- Read short profiles of patients awaiting a transplant.
- Form groups representing the transplant committee.
- List two criteria you would use to allocate the heart.
- Defend your ranking against one opposing group.
- Write your final ranking with one justification.

Evidence: Exit ticket - Written ranking of transplant allocation criteria with a one-sentence justification for the top criterion and acknowledgment of one tradeoff.

My notes, examples, and questions

Checks for understanding
How do I know I got it?

- Each student defends an allocation criterion.
- Groups acknowledge one tradeoff in their ranking.

My notes, examples, and questions

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Lab or safety notes
What must I handle carefully?

Supplies:

- Heart model or detailed heart diagram
- EKG sensor or printed EKG strips
- Stethoscope
- Stopwatch for pulse counting
- Colored markers for oxygenated and deoxygenated blood
- Lab notebook

My notes, examples, and questions

Summary

Today's lesson focused on Heart transplant allocation debate. The main target was: Students will debate how donor hearts should be allocated among competing patients. The evidence of learning is Exit ticket: Written ranking of transplant allocation criteria with a one-sentence justification for the top criterion and acknowledgment of one tradeoff.. In my own words, the most important idea from today is:

My summary

My final question or connection