

Transforming Lectures with Active Learning Techniques



FacDev in 5 KEY TAKEAWAYS



Watch the FacDev in 5 Video featuring Dr. Prem Subramanian, Professor and Vice Chair for Academic Affairs, Ophthalmology. tinyurl.com/FD5-ActiveLearning

KEY TAKEAWAYS



Strategies to boost engagement and learning.

1

Pause for Peer Processing

Incorporate 3-4 minute pauses every 10–15 minutes. Have learners pair up to review and discuss key points.

2

Use Bulleted Breaks

Distribute content as unordered bullet points. Have groups organize the ideas and generate questions.

3

Ask Purposeful Questions

Ask learners questions during the lecture and use follow-up questions to deepen their thinking.

4

Turn Content into Clinical Cases

Use real-world clinical scenarios to engage learners in problem solving and decision-making.

5

Leverage Interactive Polling Tools

Use tools like Poll Everywhere or Kahoot to spark discussion, and to surface gaps for clarification.



DIVE DEEPER

Bucklin B.A., et al. Making it stick: use of active learning strategies in continuing medical education (BMC Med Educ 2021).

Graffam B. Active learning in medical education: strategies for beginning implementation (Med Teach 2007).

Huggett K.N., et al. Experience of medical school faculty in the transition from lectures to active learning: A phenomenographic study (Acad Med 2025).

