Key Elements of Lecture Template

Introduction/Objectives

Title/ Name/ Date

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Begin with a Visually Stimulating Image

Objectives

Upon completion of this lecture, you should be able to:

1. Define…
2. Describe…
3. Analyze…
4. Evaluate…

Purpose

- Why is this important to your medical education.
- Integration/linkages with other curricular content
- Historical context/ Life-long learning

Core Concepts

Core Concepts

Content must align with the objectives

Focus content based on the objectives and difficult concepts that require elaboration

Details

Example/ Analogy - Collagen: Some Assembly Required

Fibroblast

Cell   Extracellular Matrix

Provide analogies & examples to explain difficult concepts – E.g., fibroblast exports precursors that are assembled outside the cell into a large structure

Interaction/Activity

- Use 1 or 2 short engaging learner–centered interactions to reinforce difficult concepts (think-pair-share, games, and videos)

Summary

Summary

Summarize core concepts
Revisit the objectives
Allow time to review difficult concepts

Review

- Audience Response System – can help to identify gaps in knowledge and create teachable moments
- Problem solving
- Board Review Questions

Upcoming Topics/ Resources

- Linkage to upcoming content for horizontal and vertical integration
- Provide References and supplemental resources

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Template Overview

Goal: To plan, prepare and present an effective, well illustrated and interactive lecture that is linked to the overall course and curriculum goals

Introduction/Objectives

- Clear statement of the objectives for the session (manageable #, e.g., 3-8)
- Demonstrate the need for lifelong learning by illustrating how information is constantly being updated

Core Concepts

- Concentrate on major concepts by focusing on objectives
- Removal of background information and basic terminology to other modalities (e.g., online resources, reading assignments); Supplemental podcasts can be created to expand upon difficult concepts
- Include an opportunity for active learning

Summary

- Allow ample time to summarize what was presented (take home message)
- Use review strategies such as ARS questions or problem solving sets
- Demonstrate linkage across the curriculum (horizontal and vertical integration) by discussing how the material builds on prior knowledge and establishes a foundation for future clinical correlations

Feinberg and Koltz