

GIVING LECTURES

**Bringing
Education &
Service
Together**



Learning Objective

After participating in this session, participating residents will be able to give an interactive mini-lecture for learners at various levels of training.

Lectures

- **Lecturing is a familiar method of clinical teaching—and a difficult one to use well.**
- **Throughout their careers, physicians may be asked to give lectures for learners, colleagues, patients, or others.**

Challenges

- **Challenges of lecturing:**
 - The challenge of lecturing is to make it **interactive** enough that participants will learn from it.
- For resident teachers, lectures may range from brief talks (1-2 learners) to longer lectures (e.g., grand rounds).

The “LECTURE” Approach to Giving Presentations

Learning objectives

Evaluation

Control of session

Talk

→ **Understanding**

→ **Retention**

Education

LEARNING OBJECTIVES

- In any teaching session, it's important to **clarify goals**.
- For lectures, teachers explain goals in the form of **behavioral learning objectives**: the specific behaviors we expect attendees to be able to do after participating in the session.

LEARNING OBJECTIVES

- **Example:** “After participating in this session, students will be able to describe one treatment strategy for acute low back strain.”
- Clarify **why** the audience needs to hear about this topic.

E**EVALUATION**

- **Teach through questioning:** early in the session, evaluate attendees' prior experience and knowledge.
- What are the attendees' own learning goals for this session?
- Give permission to reveal limitations and learning needs.

CONTROL OF SESSION

- As the teacher and leader, **you control the teaching session.**
 - How can you best organize it to achieve your learning objectives?
 - Before the talk, spend some time organizing your materials.

CONTROL OF SESSION

- Well-designed **audiovisual materials** can enhance learning:
 - Projected images
 - Handouts
 - Writing on board
- **Pace** your talk: you don't need to "cover" all material.

TALK

- Certain techniques will **enhance your presentation**:
 - Make your talk personal
 - Use a conversational style
 - Move and gesture naturally
 - Don't apologize for your presentation
 - Look at audience, not slides or board

→ UNDERSTANDING

Help attendees **understand** the topic by asking them to analyze and synthesize the material.

→ RETENTION

Help attendees **retain** what they've learned by encouraging review of facts and concepts.

EDUCATION

- Mention—at least briefly—learning resources that attendees can use after the session:
 - Articles • Online resources • Texts
- Encourage **self-directed learning**: what would attendees like to do to enhance their own learning?

