Objectives
Roadmap

Defining Goals & Objectives

Setting Objectives

Connecting Objectives with methods
Knowing what you want to accomplish improves teaching outcomes
Setting objectives makes it clear to the teacher and the learner what is expected.
Teaching “Conversations”
Define Goals vs Objectives
Learn about Animals

Learn about Mammals

Learn about Elephants
Goals

Objectives

Learn about Elephants

Name 3 characteristics of elephants

Learn about Social Habits of Elephants
Goals

Objectives

General
Broad
Lofty

Specific
Measurable
Teaching is a lot like clinical care

GOAL: Pt with DM x 20 yrs. New to your practice. Wants to establish relationship.

Agenda  Objectives

Prioritize
Having an organized approach helps to develop the agenda

Complications

- Stroke
- Eye damage
- CHD
- DM Nephropathy
- Gangrene

Education/Treatment

Objectives are specific, concrete, observable and measurable

**Agenda**

- Eye Exam
- BP (CV)
- UA w microalbumin

**Patient Education**

- Meal Planning
- Monitor Bld Glucose
- Use of insulin or pills
- Exercise
Objectives are specific, concrete, observable and measurable

**Patient Ed Goals**
- Meal Planning
- Monitor Bld Glucose
- Use of insulin or pills
- Exercise

**Objectives**
- Label reading
- Low cholesterol/fat guidelines
- Fitting sugar into the plan
- Portion control
- Options when dining out
A Task Analysis tells me what one needs to know or do in order to solve this problem or complete this task.

**Patient Ed Goals**
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A Task Analysis tells me what everyone needs to know. A Needs Assessment tells me what this person needs.

What do you know about DM?

I used to be a dietician. But nothing else.
Teaching is a lot like clinical care. Context is everything!
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Objectives come in 3 flavors

Knowledge

Skills

Attitudes
Objectives come in 3 Flavors

If you want to be good at playing music, you need:

Knowledge
Objectives come in 3 Flavors

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If you want to be good at playing music, you need:

Skill
When do you need to set Objectives?
Summary: Task Analysis plus Needs Assessment leads to Objectives
What dose: Needs Assessment

- She’s lazy  Attitude
- Doesn’t know *where* to look it up  Knowledge

Gets stuck on the dosing *range* - Skill
Generate a Task Analysis for resident’s issue: Choosing Dose of ABT

Seriousness of Infection

- More serious $\rightarrow$ higher dose

MIC

- Higher MIC $\rightarrow$ higher dose

Penetration

- Hard to get into area $\rightarrow$ higher dose
Collaborating with the learner improves the likelihood they will learn the material.

<table>
<thead>
<tr>
<th>Seriousness of Infection</th>
<th>MIC</th>
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Being SMART also increases the likelihood the learner will be successful.
In the small groups we will practice setting SMART objectives

In two weeks, the resident will tell me the correct dose of 3 commonly used antibiotics used to treat meningitis, OM, pneumonia, cellulitis.

### Seriousness of Infection

- **More serious → higher dose**
- **MIC**
  - Higher MIC → higher dose
- **Penetration**
  - Hard to get into an area → higher dose

### SMART Objectives

- **Specific**
- **Measurable**
- **Accountable**
- **Relevant**
- **Time-Based**
Summary

Task Analysis + Needs Assessment

Objectives

Methods
Role Play Exercises

- Role play designed to get needs assessment
- Then break:
  - Generate Needs Assessment with group
  - Prioritize
  - Develop objectives
  - How would you get buy-in?
  - Develop some methods