

# Effective & Efficient Methods for Clinical Teaching

Matching Methods to Learner Needs

David Fish, MD



**2023-2024 Clinical Faculty Development Center**

# Session Objectives



Identify different teaching methods in medical education



Recognize varying situations where modeling can be a successful teaching method



Apply strategies for implementing the modeling technique including the POSE method

# THE GNOME

GOALS

NEEDS

OBJECTIVES

METHODS

EVALUATION



# So what's a “Teaching Method?”



Principles and **strategies** for instruction.



The “**HOW**” we go about / approach teaching



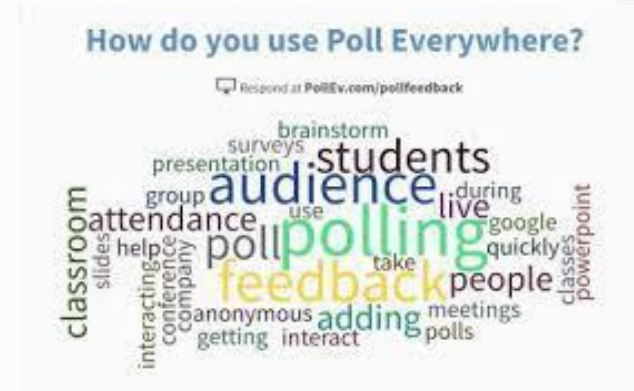
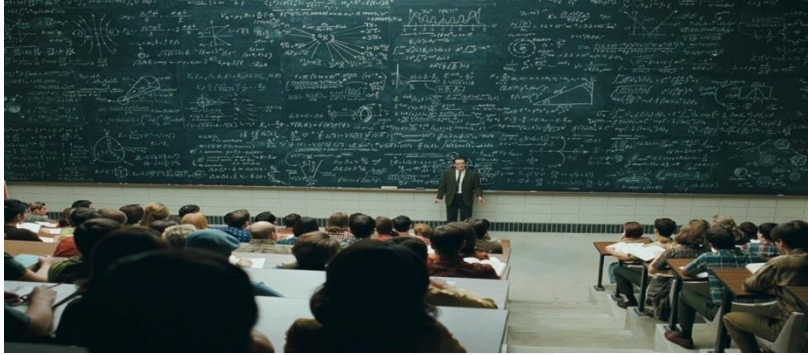
What methods do you use?



Other methods you have seen?



# Teaching Methods and Variations



# **Some methods and strategies we'll be discussing today and in future...**

- Modeling
- One Minute Preceptor for clinical teaching
- Working with different levels of learners and different teaching styles
- Using technology/AI
- Teaching clinical reasoning/problem solving

# Modeling as a Teaching Method

# What is a “Role Model”?





# Modeling and “Role Modeling”...similar but different

## Role model

- Defined as “a person whose behavior in a particular role is imitated by others”
- People often strive to be like that person but may not necessarily know how they got there

## Modeling

- Teaching method where educators can demonstrate “how-to” do something



**Modeling We  
Have  
Experienced?**

# Remember the GNOME

Modeling can be a very effective method depending on what learners' needs are:

- Knowledge
- Skills
- Attitudes

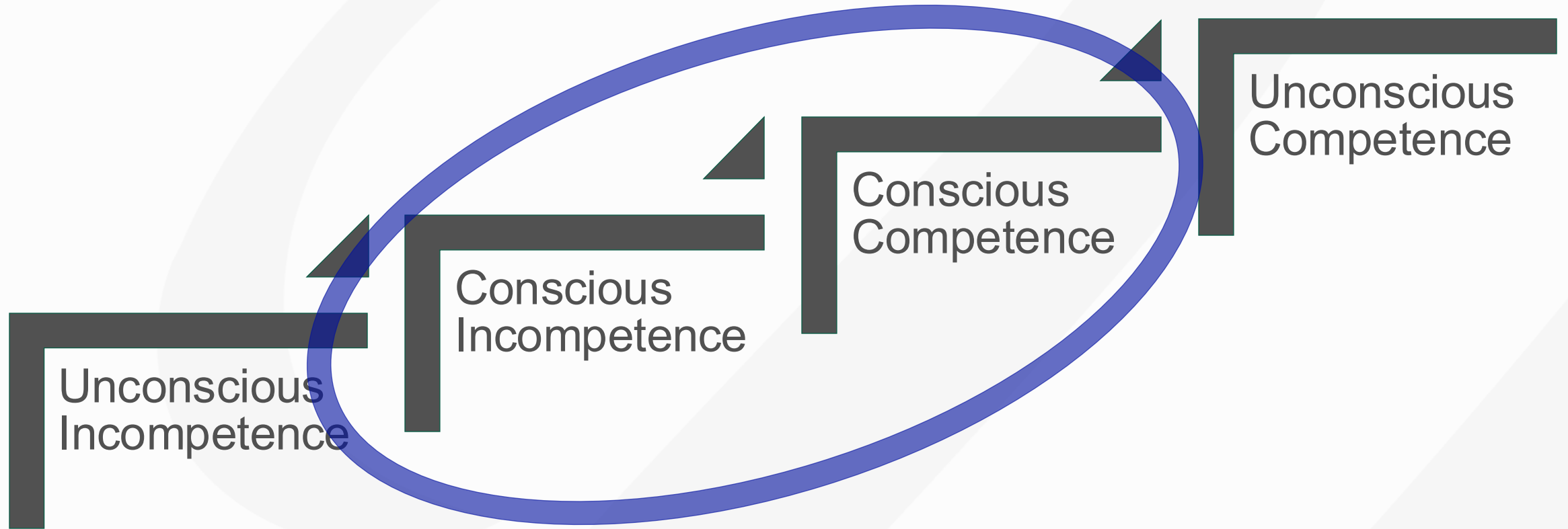




# Modeling and Learning: Examples in “Real Life”



# Modeling and Learning





# Aims of Modeling



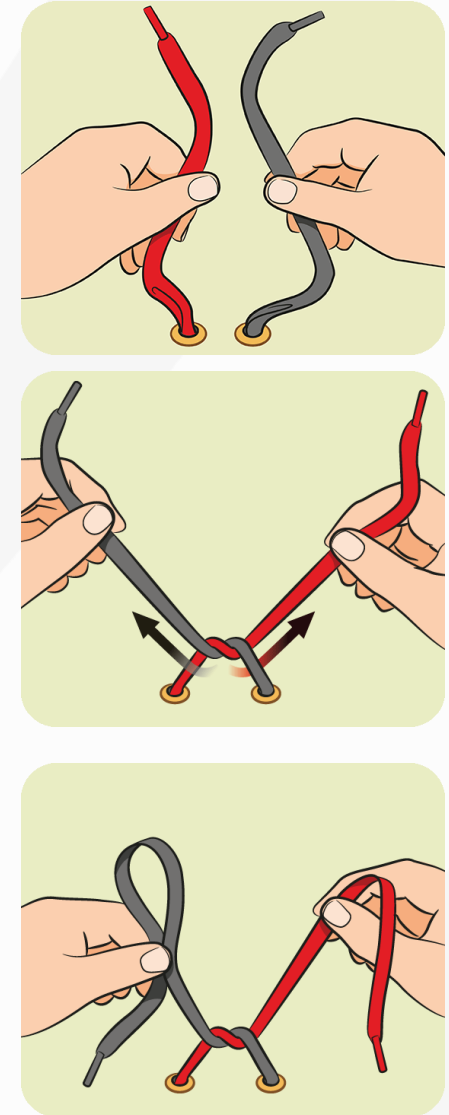
Enables teacher to  
establish tangible  
performance criteria with  
learner



Helps learner develop picture of  
desired behavior – establishes  
standard to help with deliberate  
practice

# Modeling and Task Analysis

- Need to be explicit with the learner about the steps of a task
- What may be completely obvious to us may be unknown to them



# Modeling and Task Analysis

Order is important!



# Modeling and Task Analysis

- Need to be explicit with the learner about the steps of a task
- Similar to when developing goals/objectives, some areas may need to be worked out more than others



# Modeling and Task Analysis

Steps in placing a foley catheter:

1. Gather necessary supplies
2. Explain procedure to patient and get consent
3. Perform hand hygiene and don sterile gloves
4. Prepare the sterile field
5. Clean the urethral meatus
6. Insert the catheter
7. Inflate the balloon





# Modeling and Task Analysis

Explaining procedure to patient and getting consent

1. Introduce yourself to the patient
2. Explain what a foley catheter is and why it's needed
3. Explain what will happen step-by-step
4. Explain sensations to expect
5. Address questions



# A Model for Modeling

## *POSE*

- P**review what will take place before the experience
- O**utline what you are doing, experiencing, and thinking during the activity
- S**hare findings during the activity (if appropriate)
- E**valuate learning after the experience



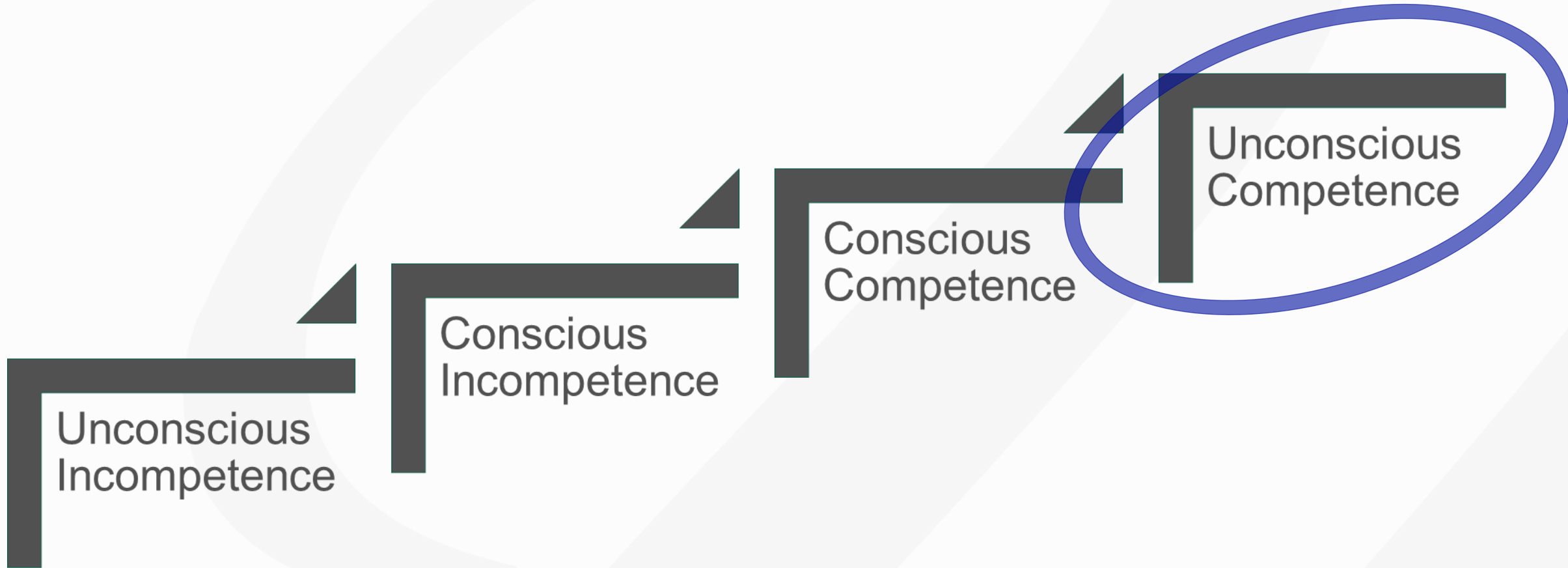
# When is Modeling Helpful?

- New skills
  - to show what should be done – **demonstrate the standard**
- Complex skills
  - can illustrate challenging portion of task
- Challenging skills/difficult encounters
  - Patient who appears upset or angry
  - delivering unexpected or unwelcome news



*Can be used for all levels of learners!*

# Remember...we are always modeling!



# Remember...we are always modeling!

- Where role modeling and modeling meet!
- As educators, we are constantly demonstrating our own knowledge, skills, and behaviors
- Be aware and reflective of your own:
  - Interactions with patients
  - Interactions with colleagues
  - “the informal curriculum” or “hidden curriculum”



Testing whether laughter IS the best medicine



# Conclusions

- Modeling can be an effective teaching method – especially when teaching ***skills***
- Modeling can help educators demonstrate a standard and provide an example to the learner for future deliberate practice
- Important to explicitly demonstrate different steps of a task and ensure understanding along the way
- The POSE model is a helpful framework to help guide through the steps

# Thanks!



# Questions?