

Chapter 1

Designing and Implementing Simulations in Communication Sciences and Disorders Programs

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Activity #1

Needs Assessment

1. What are some current challenges at your university that may be improved by implementing simulations?
2. List the type(s) of needs assessment that would be helpful in identifying your challenges.

Activity #2

Goals and Objectives

1. Do you have goals and objectives in your current strategic plan or from student/faculty feedback that could be met through the use of simulations?
2. List two current goals and write an objective for each that incorporate simulations.

Activity #5

Choosing Your Evaluation Method

Based on the goals and objectives you created in Activity #2, which type of evaluation tools will be most useful when analyzing the outcomes of your clinical simulation?

Activity 6

Simulation Scenario

Title:

Author:

Date:

1. Identified Need (Issue)

2. Target Audience

3. Goal

4. Learning Objective(s)

5. Background (List any information that needs to be reviewed or training that needs to be provided)

6. Students' Roles and Responsibilities

7. Assessment Method (formative or summative)

8. Evaluation Method (review the efficacy of the simulations)

9. Simulation Modality

1. Computer-based Simulation
2. Manikin
3. Part-Task Trainer
4. Standardized Patient
5. Hybrid

10. Backstory

11. Location/environment

12. Physical and Psychological Fidelity - (props, equipment, manikins, noise, lighting, distractions, etc)

13. Conceptual Fidelity - (patient vital signs match the diagnosis)

14. Simulation Progression and Timing

15. Map the Simulation and Identify Critical Actions (establish cueing techniques for advancing the scenario)

16. Prebriefing of Participants

17. Debriefing and Reflection Following Simulation Experience

18. Evaluation