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#### **DISCLOSURES**

- Author: Lorette Botha
- Employer: University of the Free State
- No sponsorship or commercial support given to author
- Learner Objectives:

The audience will be able to:

- Describe the desired instructional design characteristics of simulation according to Jeffries' model.
- Describe the process of integrating simulation into an undergraduate nursing program.
- Describe the association between the importance of and adherence to the instructional design characteristics.





## SIMULATION DESIGN







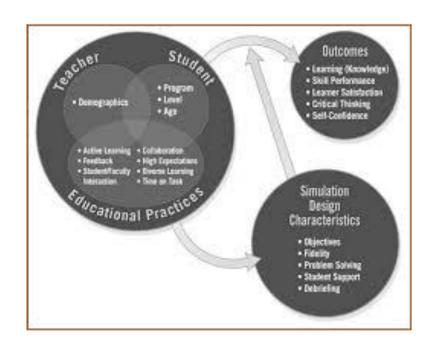


#### SIMULATION DESIGN CHARACTERISTICS

#### 5 Characteristics:

- Objectives
- Fidelity (reality)
- Problem solving
- Student Support
- Debriefing

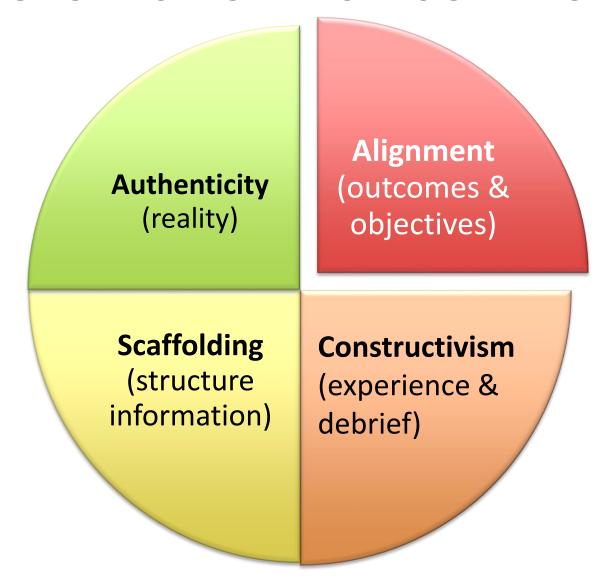
20 Item Simulation
Design Scale (SDS)
instrument designed by
the National League for
Nursing (NLN)



Pamela Jeffries, 2005



### SIMULATION AS A TEACHING STRATEGY





# INTEGRATION OF HIGH FIDELITY SIMULATION INTO THE UNDERGRADUATE NURSING PROGRAM









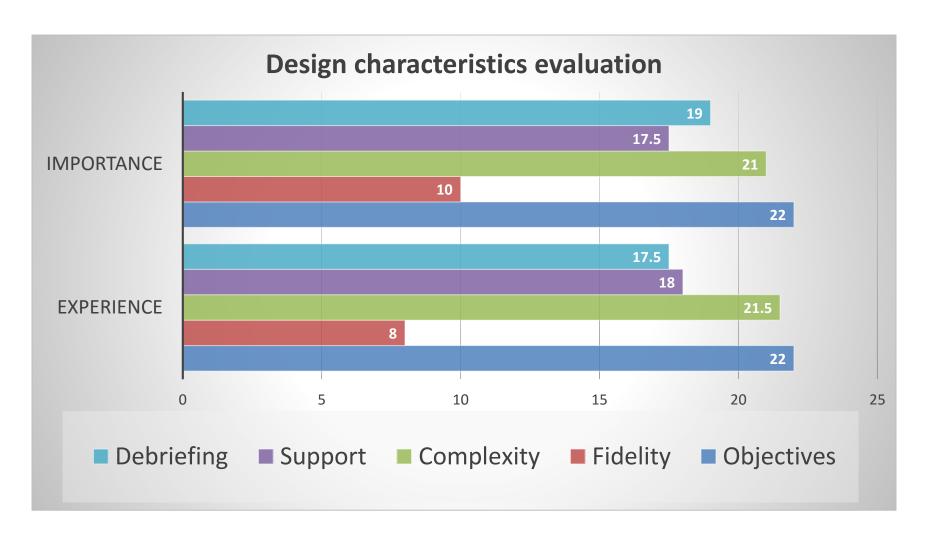
## METHODOLOGY, SAMPLING, ANALYSIS







#### RESULTS FROM STUDENT EVALUATION





#### IMPORTANCE OF DESIGN CHARACTERISTICS



Problem Solving

Objectives & Information



**MOST** 

**IMPORTANT** 

## **APPLICATION**







## **QUESTIONS?**







## **REFERENCES**

References on request











