

# LabSiRG:

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## Sim 101

<https://www.youtube.com/watch?v=SXLwv4N64hU>

# LabS⚡RG

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# DECLARATIONS

- Grants/Research Support: NONE
- Speakers Bureau/Honorarium: NONE
- Consulting Fees: NONE
- Other: NONE

- Introduce you to simulation
- Describe the difference between sim and other learning modalities
- Describe the phases of sim
- Describe Dos and Don'ts of sim
- Share our lab sim experience

# SIMULATION

*“Simulation is a technique, not a technology, to replace or amplify real experiences with guided experiences, often immersive in nature, that evoke or replicate substantial aspects of the real world in a fully interactive manner.”*

Gaba, Qual Saf Health Care The Future Vision of Simulation in Healthcare 2004;13

- Simulation is:
  - Immersive
  - As real as possible
  - Learner driven
  - An opportunity for the participant to practice a skill or perform a task in a risk-free, realistic environment

- Simulation is not:
  - A drill
  - A test
  - Instructor driven - WHAT DOES THIS MEAN?





# SIMULATION VS OTHER L.M.s

- Adults learn best by:
  - Having a meaningful experience
  - Being able to reflect on the experience
  - Learning in context
- HALO events

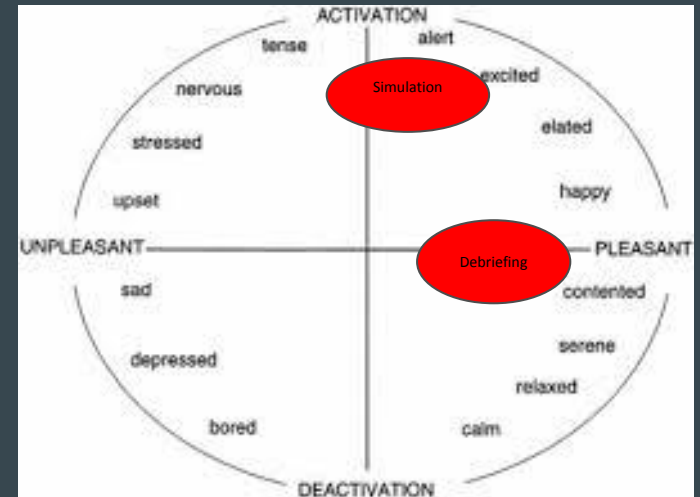
# SIMULATION VS OTHER L.M.s

- Best Practice
- Hidden issues
- Educational Research supports simulation
  - Kolb
    - Cycle of experiential learning



# SIMULATION VS OTHER L.M.s

- Sim provides just enough stress for learning
- Pleasant Activation
  - Circumplex Model of Affect



# SIMULATION VS OTHER L.M.s

- It should be noted:
  - Having an experience does not always = learning
  - Experiential learning happens through reflection, action and sense-making

# SIMULATION VS OTHER L.M.s

## Pre-Brief

- Sets the Stage

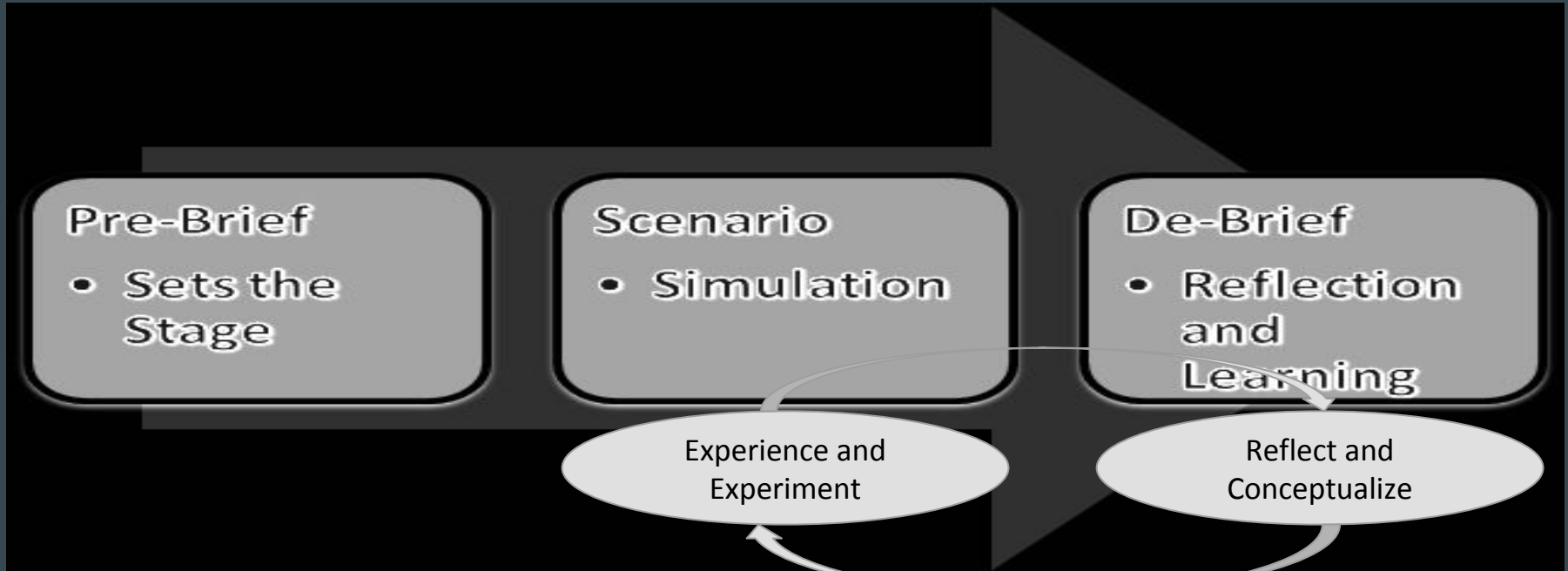
## Scenario

- Simulation

## De-Brief

- Reflection and Learning

# SIMULATION VS OTHER L.M.s



# DOS AND DON'TS OF SIM

- DO...
  - Provide a safe environment
    - Provide a robust pre-brief
    - Ensure the “right” people are in the room
    - Watch body language
  - Allow it to be organic - morph
  - Allow it to be a tool of improvement
  - Utilize SMEs

# DOS AND DON'TS OF SIM

- DON'T...
  - Tie this to performance
  - Interrupt during the sim
    - learning occurs from the learner with guidance from the person running the sim - usually during de-brief
  - “Help” the learner during the sim
  - Hold tight to objectives



- ANATOMICAL PATHOLOGY - CLINICAL YEAR
  - Roles
  - Expectations
  - Impact

QUESTIONS?

<http://www.labsirg.com/>

THANK YOU!