

Operations Wizardry on a Budget

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ANCC

Continuing Nursing Education



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DISCLOSURES

- Conflict of Interest
 - Becky Bunderson reports no conflict of interest
 - –Julia Greenawalt (INACSL Conference Administrator & Nurse Planner) reports no conflict of interest
 - Leann Horsley (INACSL Lead Nurse Planner) reports no conflict of interest
- Successful Completion
 - -Attend 90% of session
 - –Complete online evaluation

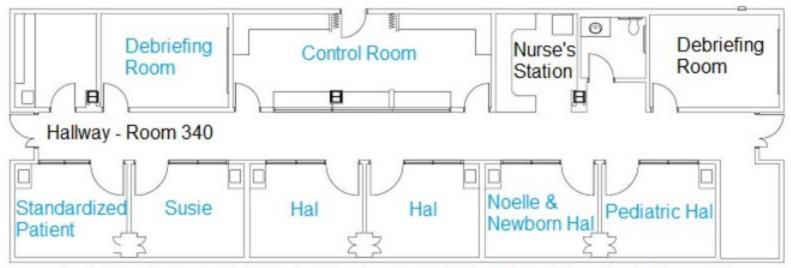


Objectives

- Upon completion of this presentation, participants will be able to:
 - Describe cost and time effective techniques for managing simulation supplies and simulation scenarios
 - 2. Describe an organizational method for preparing the simulation team for a simulation scenario
 - 3. Describe materials used at Boise State to save time and money



Just a little about our simulation center......



Susie | Standardized Patient | Noelle & Newborn Hal | Pediatric Hal | Debriefing | Control Room | Hal







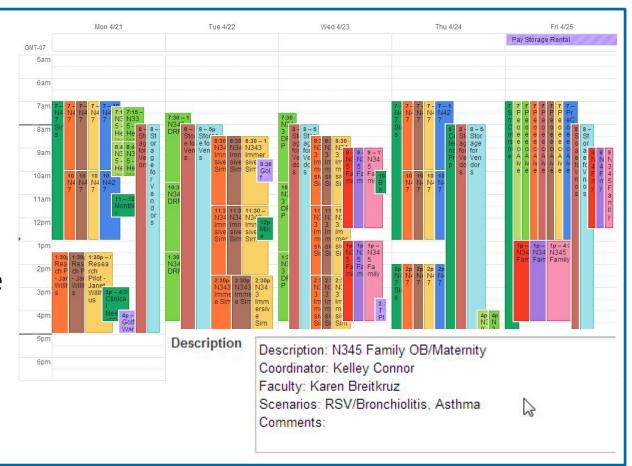
- Customers
 - Nursing our largest user
 - Respiratory Care
 - Radiology
- Volume AY 2014/2015
 - Unique learners 724
 - Total simulations 991
 - Total learner hours 6910



Problem: How are we going to keep track of what is going on?

Google Calendar

- Available
- Easy to duplicate events
- Easy to create repeating events
- Everyone can see
- Can create more detail in description box

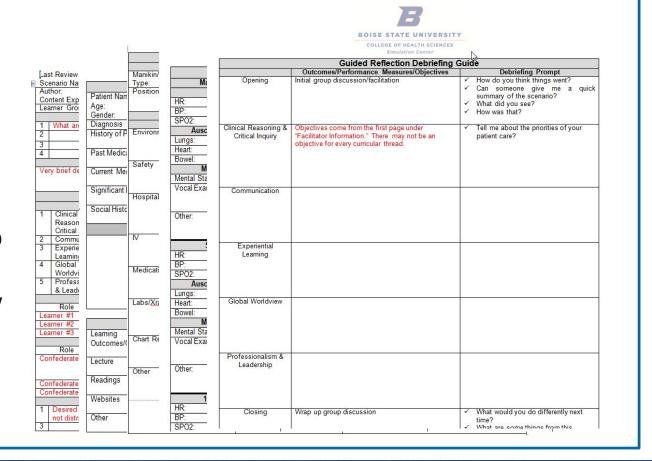




Problem: How are we going to keep everyone on the same "page" during simulations?

Scenario Template

- Create your own or use existing
- All information in one spot
- Techs know how to setup
- Students have prep materials
- Faculty/techs know progression
- Debriefing is consistent





Problem: How are we going to schedule and communicate with all users involved with simulations?

SignUpGenius.com

- SPs, faculty, staff, students
- Free
- Easily build signups
- Invite to signup
- Can review their signups at any time
- Can send emails to groups
- Auto reminders for session sent out via SignUp Genius
- Print signups





Problem: How are we going to keep the simulation setups organized?

Scenario Boxes

- Everything ready to go
- Techs can quickly grab and setup
- Everything goes back in correct box





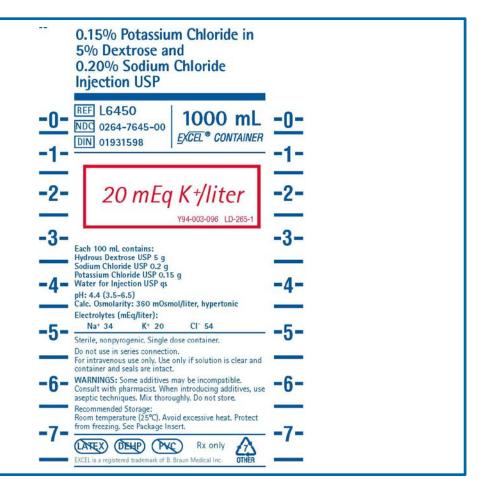
Problem: How can we create realistic labeling?

Google Images

- Readily available
- Lots to choose from
- Remove specific manufacturer identifiers

Dymo Label Maker

A must have





Problem: How are we going to have a running IV?

Drain Bags

- Manikin arms don't work that well for a flowing IV
- Bypass the manikin arm



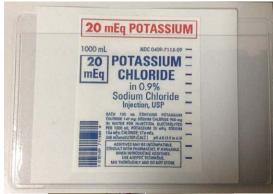




Problem: How can we avoid a new IV setup for each simulation?

IV Bag Removable Tags

- Can leave IV setup attached to manikin
- Attach business card holder to bag
- Change labeling only
- Looks professional
- Keep tag labels in setup boxes for each simulation









Problem: How can we re-package disposable supplies but make them look "real?"

Self Sealing Sterilization Pouches

- Students get experience of opening supplies
- Helps maintain fidelity of the simulation
- Looks professional, \$5-\$45 for 200







Problem: How can we re-package disposable supplies but make them look "real?"





Problem: How can we reuse saline and heparin lock flushes?

Use sealable sterilization pouches







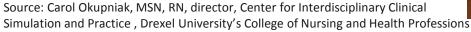
Problem: Faculty are requesting a new/packaged biopatch for each CVL dressing change practice? Biopatches cost \$10. What to do?

Make Our Own

- Adapted an existing example
- Students get the experience of opening a new supply each

time









Problem: How can we reuse IV bags?

- Evolution of solutions
 - Golf tees
 - Hot glue gun
- Current solution
 - Parafilm, Tubing
 - \$25.00 roll 2' x250"





Problem: How can we modulate the voice of the person that is speaking for the manikin?

- Voice changer
 - Microphone control room
 - Electro Harmonix control room
 - Wireless transmitter control room
 - Wireless receiver simulation room
 - Powered speaker simulation room









Problem: Needed to have phones in the simulation rooms, but didn't want to pay for monthly phone lines...

Intercom Phones

- A simple and inexpensive solution
- Conference call
- Students can call out or faculty can call in
- Speaker phone









Safety

- Caution for repackaging and relabeling
- Simulated versus real supplies
- No real drugs allowed
- Things must be labeled carefully







REFERENCES

Biopatches

- Carol Okupniak, MSN, RN, Director, Center for Interdisciplinary Clinical Simulation and Practice, Drexel University's College of Nursing and Health Professions
- Palaganas J, Maxworthy JC, Epps CA, Mancini M. Defining Excellence in Simulation Programs. Philadelphia, PA: Wolters Kluwer Publishers; 2015



QUESTIONS...

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THANK YOU!!