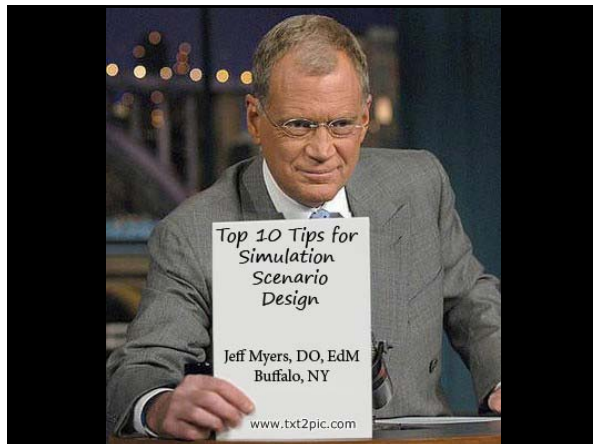




TIP #1: USE A TEMPLATE

Why Use A Template???

- Consistency
- Process framework
- Reliability / repeatability
- Outcome measures



Example Template

IMMERSIVE PATIENT CARE MANAGEMENT SCENARIO TEMPLATE WITH OUTCOME MEASURES & INTEGRATED DEBRIEFING									
Scenario #	1	MAIN FOCUS =							
Location	1A								
Primary Scenario	1A								
Facilitator	1A								
Debriefing	1A								
PERFORMANCE MEASURES									
1. C1A	1A	By When	1A	1A	1A	1A	1A	1A	1A
2. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
3. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
4. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
5. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
6. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
7. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
8. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
9. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
10. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
11. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
12. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
13. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
14. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
15. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
16. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
17. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
18. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
19. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
20. 1A	1A	1A	1A	1A	1A	1A	1A	1A	1A

1. C1A = 1

Example Template

SYNOPSIS OF SCENARIO			EMBEDDED CHALLENGES			SKILL TASKS NECESSARY		
1a	a		1a	a		1a	a	
2a	a		2a	a		2a	a	
3a	a		3a	a		3a	a	
4a	a		4a	a		4a	a	
5a	a		5a	a		5a	a	
6a	a		6a	a		6a	a	
7a	a		7a	a		7a	a	
8a	a		8a	a		8a	a	

ACTOR ROLES			
Role	Time	Timing of participation	Lines / Comments
1	0	0	
2	0	0	
3	0	0	
4	0	0	
5	0	0	

LEARNER RULES & STAGING			
1a	Role	Location At Start Of Scenario	Info Given
1a	Primary Learner	a	Request
2a	a	a	a
3a	a	a	a
4a	a	a	a

Example Template

STAGING DIRECTIONS		AVAILABLE FOR LEARNERS TO USE	
1A	1A	1A	1A
2A	1A	1A	1A
3A	1A	1A	1A
4A	1A	1A	1A
5A	1A	1A	1A
6A	1A	1A	1A
7A	1A	1A	1A
8A	1A	1A	1A
9A	1A	1A	1A
10A	1A	1A	1A
11A	1A	1A	1A
12A	1A	1A	1A
13A	1A	1A	1A
14A	1A	1A	1A
15A	1A	1A	1A
16A	1A	1A	1A
17A	1A	1A	1A
18A	1A	1A	1A
19A	1A	1A	1A
20A	1A	1A	1A

Example Template

REGISTRATION OF EVENTS				5-10 Minutes - Patient Action			
Time	Event	Performance Measure	Case/Action	Time	Event	Performance Measure	Case/Action
0	Initial	0	0	0	Initial	0	0
1	Initial	0	0	1	Initial	0	0
2	Initial	0	0	2	Initial	0	0
3	Initial	0	0	3	Initial	0	0
4	Initial	0	0	4	Initial	0	0
5	Initial	0	0	5	Initial	0	0
6	Initial	0	0	6	Initial	0	0
7	Initial	0	0	7	Initial	0	0
8	Initial	0	0	8	Initial	0	0
9	Initial	0	0	9	Initial	0	0
10	Initial	0	0	10	Initial	0	0
11	Initial	0	0	11	Initial	0	0
12	Initial	0	0	12	Initial	0	0
13	Initial	0	0	13	Initial	0	0
14	Initial	0	0	14	Initial	0	0
15	Initial	0	0	15	Initial	0	0
16	Initial	0	0	16	Initial	0	0
17	Initial	0	0	17	Initial	0	0
18	Initial	0	0	18	Initial	0	0
19	Initial	0	0	19	Initial	0	0
20	Initial	0	0	20	Initial	0	0
21	Initial	0	0	21	Initial	0	0
22	Initial	0	0	22	Initial	0	0
23	Initial	0	0	23	Initial	0	0
24	Initial	0	0	24	Initial	0	0
25	Initial	0	0	25	Initial	0	0
26	Initial	0	0	26	Initial	0	0
27	Initial	0	0	27	Initial	0	0
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33	Initial	0	0	33	Initial	0	0
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35	Initial	0	0	35	Initial	0	0
36	Initial	0	0	36	Initial	0	0
37	Initial	0	0	37	Initial	0	0
38	Initial	0	0	38	Initial	0	0
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43	Initial	0	0	43	Initial	0	0
44	Initial	0	0	44	Initial	0	0
45	Initial	0	0	45	Initial	0	0
46	Initial	0	0	46	Initial	0	0
47	Initial	0	0	47	Initial	0	0
48	Initial	0	0	48	Initial	0	0
49	Initial	0	0	49	Initial	0	0
50	Initial	0	0	50	Initial	0	0

Example Template

FRAMEWORK BASED PERFORMANCE MEASURE DEBRIEFING GUIDE									
OPENING									
1. "Presenters give us a quick summary of what was going on with this patient." ... Look for 3 contributions & overall summary									
2. "What went well?" ... Look for 3 contributions									
3. "Let's look at some other clips." ... Show 3 clips to prompt discussion related to specific Performance Measures or Make Focus									
Show 3-5 clips to reinforce good actions									
Threats	Defining Prompts	Main Focus	Performance Measure	Observation	Yes	No	Not	Out	Team
1. Understand clinical presentation	Thoughts about the patient's presentation ... Other signs and symptoms that may be expected ...	Performance Measure Key Point To Discuss							
2. Identify contributing factors	Concerns about contributing risk factors we should consider ... Strategies for proactive management ...								
3. Recognize changes in patient status	Lookouts about things are changing ... Concerns we have at the point ...								
4. Identify correct interventions/treatment	Options for care ... Standards of care for the type of patient ... Next steps for this patient's care ...								

Example Template

Threats	Defining Prompts	Main Focus	Performance Measure	Observation	Yes	No	Not	Out	Team
1. Understand clinical presentation	Thoughts about how this patient's status may impact outcomes ... Strategies for coordinating with the patient care ...	Performance Measure Key Point To Discuss							
2. Assessment	Thoughts about types of specific assessments that are important ... Standards for specific assessments ... Assessment findings to expect ...								
3. Decision Making	Concerns about infection control ... Options for types of control practices ... Standards for specific practices ...								
4. Medication Administration	Medications to be considered ... Concerns we would have ...								
5. Patient Safety	Options for keeping the patient safe ... Key risks to pro-actively manage ...								
6. Documentation	Strategies for what information to share how with who ... Prior for organizing patient information ... Important information to include ...								
7. Communication	Thoughts about communication clarity ... Strategies for difficult conversations ... Options for clarity during emergent situations ...								

Example Template

Threats	Defining Prompts	Main Focus	Performance Measure	Observation	Yes	No	Not	Out	Team
1. Situational Awareness	Thoughts about coordination of care ... Resources that could be accessed ... Strategies to avoid task fixation ...	Performance Measure Key Point To Discuss							
2. Decision Making	Thoughts about priorities for the patient ... Information that would be important ...								
3. Leadership	Thoughts about role clarity ... Leadership actions that would be important ... Strategies for role clarity in emergent situations ...								
4. Professional Behavior	Thoughts about our interactions ... Strategies for managing difficult interactions ... Options to ensure improvement ...								
CLOSING									
5. What would we do differently next time?									
6. Other questions or comments? ... All 100% learners discuss their other Content Expert 3-5 minutes to clarify specifics to 100% learners how debriefing actions are valuable									

Other Examples

(in handout)

- American Association of Colleges of Pharmacy: <http://www.aacp.org/meetingsandevents/AM/Documents/Simulation%20Scenario%20case%20template%206-8-10.pdf>
- American Association of Medical Colleges: https://www.mededportal.org/download/191144/data/human_patient_simulation_case_template.pdf
- University of Tennessee Center for Advanced Medical Simulation: <http://gsm.utmck.edu/simulation/documents/UTCAMS%20Scenario%20B%20uilder.doc>
- Oregon Simulation Alliance: <http://oregonsimulation.com/simulation-resources/simulation-scenario-template/>
- Duke Template: <http://simcenter.duke.edu/SimTemplate0408.doc>
- Laerdal Scenario Planning Worksheet: http://www.gsmc.org/gsmc_cms/wp-content/uploads/2011/05/3G_Scenario_Planning_Worksheet.pdf

TIP #2: ANCHOR SCENARIO TO EDUCATIONAL GOALS & OBJECTIVES

Questions to Answer:

- Where in curriculum?
- Longitudinal or discrete experience?
- Purpose?
- Specific course goals & objectives to be covered?
- What are your pain points?



WARNING: 3 Beer Stories...



TIP #3: WRITE AS A TEAM



Interprofessional Team

- Distributes workload
- Enriches the scenario
- Teamwork & communication as a focus



TIP #4: CREATE THE PATIENT LAST



What? Patient Last?

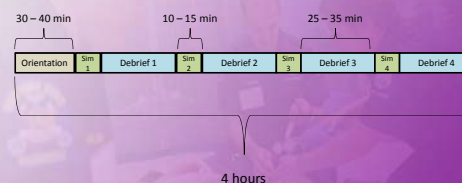
- Distracting
- Increases complexity
- Ground in goals & objectives
- Iterative process



TIP #5: FOCUS ON 10 – 15 MINUTES OF PATIENT CARE TIME



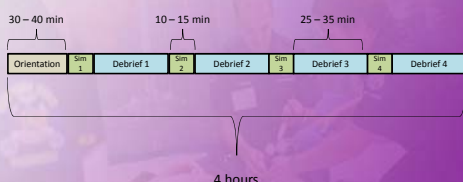
Typical Immersive Simulation Session



- Learner group: 6 – 10
- Take turns in “hot seat”
- Faculty remote viewing
- Other learners watch via live feed
- Immediate debriefing



Typical Immersive Simulation Session



- Allows focus on goals / objectives
- Manageable for learner group
- Memory / recall for debriefing
- Debriefing time



TIP #6: DRY RUN AT LEAST 2 WEEKS BEFORE



Scenario Vetting



- Does it work?
- Does it work the way we think it should?
- Is the timing correct?
- Is the scenario consistent?
- What did we forget?



TIP #7: CONCRETE & MEASURABLE PERFORMANCE MEASURES



Performance Measures

- What we expect
- Reasonable actions
- Qualities:
 - Observable
 - Measurable
- Non-clinician may be tagging



Performance Measure Examples

Good	Better
• Applies non-rebreather oxygen	• Applies non-rebreather oxygen at 10 lpm within 3 minutes
• Initiate IVF bolus within 4 minutes	• Initiate normal saline bolus 20ml/kg (2 liters) within 4 minutes
• Adequately immobilizes patient	• Apply spinal motion restriction using min three straps on longboard • Secure torso before head



TIP #8: PROVIDE SPECIFIC STAGING DIRECTIONS



Staging Directions

- Staged at beginning vs. available for learners
- Tech may not be medical
- Use consistent names
- Dosing & concentration
- Equipment
- "Standard equipment"



TIP #9: LINK DEBRIEFING POINTS TO SPECIFIC PERFORMANCE MEASURES

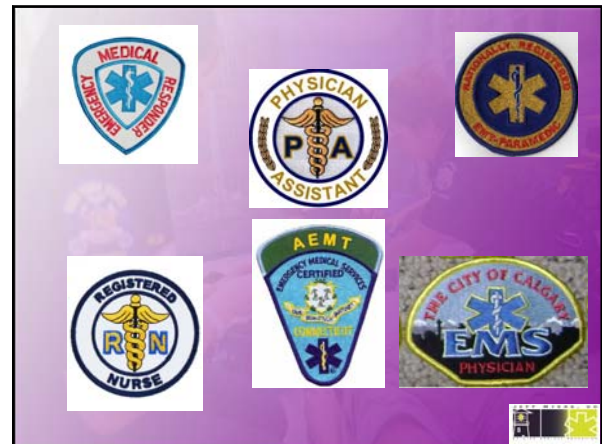


Debriefing: Where Learning Occurs

- Debriefing format
 - Event summary
 - What went well?
 - Discussion*
 - Improve next time?
- *Discussion linked to performance gaps
- Include debriefing guide



TIP #10: AIM FOR APPROPRIATE LEVEL OF DIFFICULTY



Good Stress

Negative Stress

BONUS TIP: THINK OUTCOME MEASURES

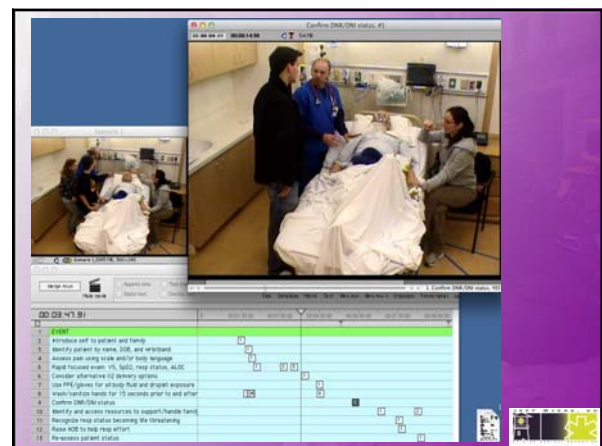
Outcome Measures

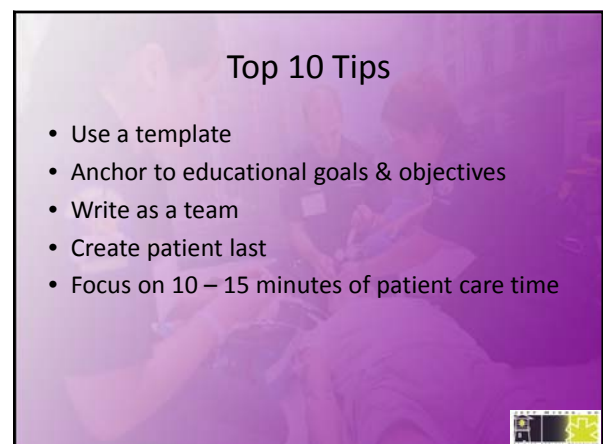
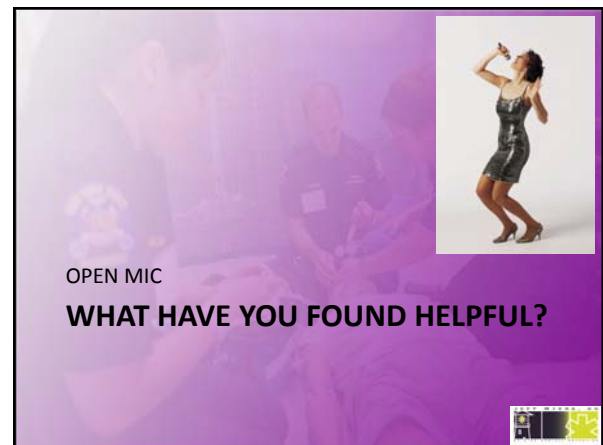
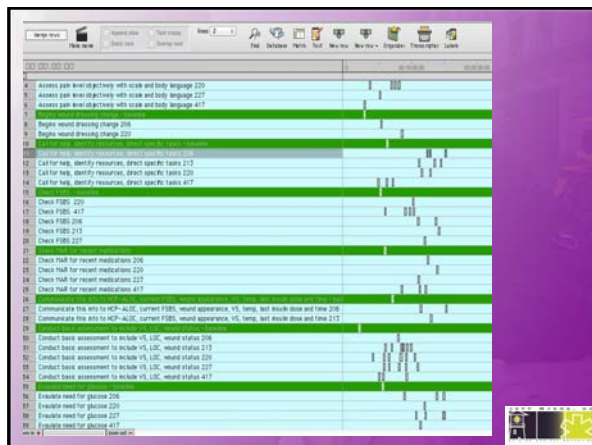
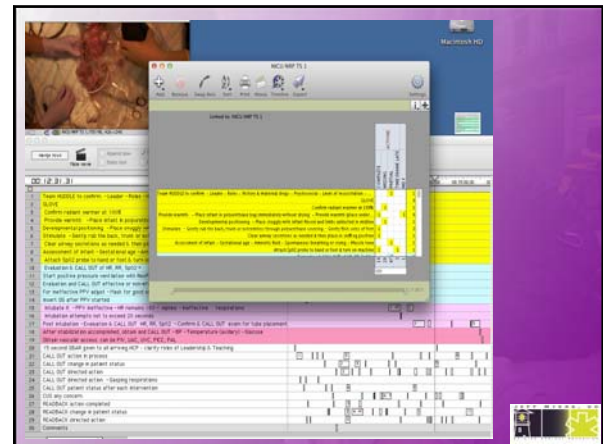
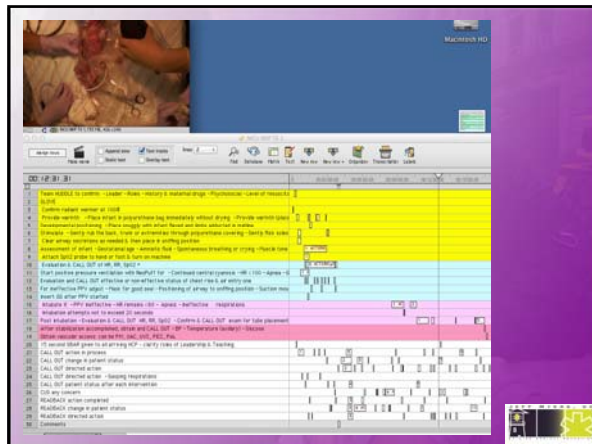
Administrative

- Throughput
- Utilization
- Demographical
- Cost
- Material Usage

Clinical

- Performance assessment
- Quality indicators
- Accreditation standards
- Program assessment
- Low vs. high stakes





Top 10 Tips

- Dry run at least 2 weeks prior
- Concrete & measurable performance measures
- Provide specific staging directions
- Link debriefing points to specific performance measures
- Aim for appropriate level of difficulty



Bonus Tip

- Outcomes
 - Administrative
 - Clinical



Questions?

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