



Welcome!

Welcome to our Simulation Newsletter!

We're going to discuss some of the secondary gains that simulation can provide, not only to the participants, but their areas as well.

This month's secondary gain will be practice working as a team.

Very few simulations are done solo (at least the ones we do). There are usually multiple people in the room caring for the patient. They

are usually a variety of different professions and job titles. Simulation can help them work together.

Please send us your feedback! *Our contact information is in the top left corner of the second page.*

Inside this issue:

<i>Welcome!</i>	1
<i>New Team Members</i>	1
<i>Interprofessional Teamwork</i>	1
<i>Debriefing</i>	2
<i>What Do We All Do?</i>	2
<i>Journal Article</i>	2
<i>Editorial</i>	2
<i>Pictures!</i>	2

New Team Members

This is the easiest example to discuss. New team members by definition haven't had time to do much here yet. UVa is hiring a lot of new people, so there is plenty of opportunity to have new team members work together in a simulation!

Putting new team members together allows them several benefits above and beyond the primary goals of

the simulation. They have the ability to meet and spend time with each other. When they are in an emergency together, they see familiar faces, not strangers.

They also know more about what each other can do. They have a chance to understand each other's backgrounds as well as strengths and weaknesses.

Finally, they have a chance to practice how to work

with other UVa people. Every place does things a little differently; simulations allow them to see how the team works at UVa.

This practice makes for more knowledgeable and confident providers and may even help convince people to stay at UVa as they've practiced what they need to do here and know that they can do it.

Interprofessional Teamwork

There is tons of literature indicating that interprofessional simulations improve interprofessional teamwork. The federal government even developed the TeamSTEPPS process to help with this. If you've ever heard someone talking about (or using) CUS words (I'm **C**oncerned, I'm **U**ncomfortable, I think this is a **S**afety issue), then you've heard of TeamSTEPPS.

That teamwork does not

come easily. We don't practice it enough in medical and nursing schools. We learn a lot about how to do it in our daily interactions, but simulation allows a team to practice it deliberately.

While the point of the simulation may be to discuss the clinical care of the patient, simulations also allow our teams to practice working with others from different professions so that we know how we, as a team,

will respond to them.

And, in simulations, we can give them the situations that involve life risks to the patients, so they can practice interpersonal communications under pressure safely without risk to actual patients.

Simulations help all our different professions work together better.

Steps of a Simulation:

- Goals
- Creation
- Preparation
- Running the Simulation
 - Briefing
 - Run
 - Debriefing
- Reset
- Assessment

**UVAHealth
Life Support Learning Center**

1222 Jefferson Park Ave
Fifth Floor, Room 5603
Box 800309
Charlottesville, VA 22903

Phone: (434) 924-1765
Email: jph5z@uvahealth.org

We create simulation-based experiences for current staff and students to improve their clinical judgment and teamwork skills during medical emergencies.

Follow us on:

Facebook:

<https://www.facebook.com/UVALSLC>

Instagram:

@uva_slsc

YouTube:

<https://www.youtube.com/channel/UCx-KtMNJMIYLdWKEoOjrVvA>

Our newsletter repository:

<https://www.medicalcenter.virginia.edu/medsa/simulation-newsletters>

Pictures!



Staff from the 3rd and 4th floor participate in a First Five Minutes simulation program.



Interventional Radiology has been doing interprofessional simulations for years!

Debriefing

The debriefing may not immediately strike one as a place to practice teamwork. However, it can be.

The debriefing allows everyone to have time to think about what just happened and to describe what they thought went well and what they thought could go differently the next time — and then they have enough time to talk with each other about it!

They can say what was useful about the Team Lead broadcasting their concerns. They can say how a team member's suggestion helped them make the diagnosis. They can talk about what they needed to do as a team to make the 12-lead ECG happen in less than 10 minutes.

And then they can ask more detailed questions of each other to understand the details of that teamwork!

The brief luxury of time that is the debriefing is an excellent place to find out how to work with each other.

What Do We All Do?

Many years ago, we ran a simulation in which a STEMI patient was transported by EMS from the field to the ED and then to the Cath Lab. We took video of the whole simulation. In the debrief, we played the phone call from the EMS medic to the ED physician in which the medic was giving a medication with one hand while doing something with his other hand and holding the phone to his ear with his shoulder.

You could see the physicians thinking, "I didn't know he was doing all that. I need to make that phone call shorter next time."

Simulation helps us all figure out what we each do. How does a nurse give meds and why does it take a minute or two? What's a differential diagnosis and how does a physician make one? That makes the next actual emergency go smoother.

Journal Article

This month, our article reports on simulations to open a new stand-alone surgical center. They ran 16 "patients" through their entire course of care. The article also specifically calls out the growing teamwork seen in the staff, who had not worked together before. The article is: Ferguson, MJ et al. (2022). Integrated simulations to build teamwork, safety culture and efficient clinical services: A case study. *Journal of Perioperative Nursing*, 35(3), e3-e15.

We have a link for this that should work on any UVa computer: <https://search.ebscohost.com/login.aspx?direct=true&db=c8h&AN=159126563&site=ehost-live>

Editorial

Simulations are a great way to practice interprofessional teamwork, and other than using live patients is the only reasonably realistic way to practice that teamwork. We strongly believe we should be performing more interprofessional simulations to improve interprofessional teamwork.