Overview: “Why isn’t it working? What’s going on?!” Sound like your control room? Audio visual equipment has become a bedrock of the simulation environment – many of us rely on it to work every single day. In this workshop, we will review simulation A/V technology with an emphasis on how to troubleshoot it when the problems come up. Participants will hone their problem-solving skills and discuss A/V problems encountered in their own centers.

Objective 1: Examine audio/visual equipment commonly used to deliver healthcare simulation

Objective 2: Increase preparedness for simulation A/V troubleshooting by discovering critical thinking techniques and troubleshooting paths

Objective 3: Discuss questions, problems and solutions that attendees have encountered working with simulation technology

Presenters:
Joseph Waterson; Zamierowski Institute for Experiential Learning
Presentation ID: 56764

Presentation Title: Creating a Mobile Simulation Lab and In-Situ Debriefing System on a Budget

Content Category: Technical Operations

Delivery Format: Hands-on Workshop (60 minutes)

Overview: Learn about how to create a cost-effective, in-situ video debriefing system and tour one Parkview Health's mobile simulation lab. Discover what alternatives could be available to you.

Objective 1: Discuss how to design and construct your own cost-effective, in-situ video debriefing system

Objective 2: Utilize the Parkview VIDS in-situ video debriefing system

Objective 3: Identify the needs, considerations, and potential funding sources for a mobile simulation laboratory at your facility

Presenters:
John Lozo; Parkview Health
Mitchell Burris; Parkview Health
Overview: Because of the various backgrounds of SOS, everyone arrives in simulation with a different skill level for deciphering clinical jargon. Being able to quickly understand, interpret, expect clinical changes in the control room is paramount to the success of your program. This course will provide a foundational overview into medical terminology abbreviations needed to be successful within the operations scope.

Objective 1: Identify the importance of medical terminology in the operations role

Objective 2: Define foundational terminology, anatomy, and basic clinical practices

Objective 3: Apply basic vital signs and labs to daily programming and preparation

Presenters:
Jarrod Young, CHSOS; UTHSC
Presentation ID: 56699

Presentation Title: Using/Coding Single Board Computers and Microcontrollers to Overcome Simulation Challenges

Content Category: Innovation Technology

Delivery Format: Hands-On Workshop (90 minutes)

Overview: This advanced skills workshop requires learners bring a laptop for a guided, hands-on Arduino microcontroller coding activity. We will discuss using single board computers (SBC) and microcontrollers, i.e. a Raspberry Pi or an Arduino, to build small simulation devices, modify manikins, and solve simulation technology problems. Coding knowledge is helpful but not required. Prior to the workshop create a https://create.arduino.cc/editor account.

Objective 1: Identify the purpose of the device or modification and select the appropriate SBC or microcontroller to best meet the needs of the project

Objective 2: Implement an online integrated development environment (IDE), use GitHub repositories, and execute hardware add-on specific libraries as resources for code examples and tutorials to aid in writing software for the selected project and hardware

Objective 3: Examine basics of editing and compiling code, and programming the selected hardware

Presenters: Myles Larson; North Idaho College
Presentation ID: 56717

Presentation Title: Simulation Safety Policies and Procedures

Content Category: Program Data Management

Delivery Format: Hands-on Workshop (60 minutes)

Overview: Simulation is a powerful education and quality improvement technique used in staff training and system integration. Expired medications and supplies are frequently used to increase simulation fidelity which has resulted in staff, learner and patient injury. During this presentation simulation safety policies and procedures will be reviewed and participants will work in small groups to identify gaps in their current simulation safety policies.

Objective 1: Apply simulation safety standards to their individual simulation programs and identify gaps in safety procedures

Objective 2: Discuss policies and procedures that can be implemented to improve simulation safety

Objective 3: Identify one simulation safety concern that can be resolved through the development of simulation safety standards

Presenters:
Mary Ellen Elias, MSN; VA Pittsburgh Healthcare System
Overview: An introduction to the basic materials used in manikins, task trainers and other simulation equipment. At the completion of this course the learner will have a solid understanding of all common materials in the simulation space and how best to care for them.

Objective 1: Explore the basic materials used in the creation of task trainers and other simulation devices

Objective 2: Compare and contrast the benefits and limitations of each material

Objective 3: Explain the appropriate care and cleaning for all common materials

Presenters:
David Shablak, NRP; Simulation Tek
William Belk; Air Methods Corporation
Overview: This hands-on workshop will review advanced moulage techniques to increase fidelity in trauma related simulations. Instruction will include standardized patient and manikin safety; proper application and removal of prosthetics; use of alcohol-based paints and grease/cream paints; bald-cap application for severe burn and blast injury moulage. Participants will also be instructed on aligning moulage fidelity to simulation objectives.

Objective 1: Describe how to align moulage fidelity to simulation scenario objectives

Objective 2: Construct realistic trauma injuries through various moulage modalities

Objective 3: Show how to properly apply and remove special effect prosthetics

Presenters:
Christen Phillips; Walter Reed National Military Medical Center & Uniformed Services University of the Health Sciences
Eric Singdahansen, MFA; Uniformed Services University
Presentation ID: 56790

Presentation Title: Building Moulage Prosthetics for Repeatability and Ease of Use

Content Category: Technical Operations

Delivery Format: Hands-On Workshop (90 minutes)

Overview: Using a variety of materials, this course will teach you to build advanced moulages that are easy to use and make your simulations more repeatable. Molds, coloring and materials will all be used make the pieces

Objective 1: Discuss the advantages and disadvantages of different materials for making prosthetic moulage pieces

Objective 2: Demonstrate the ability to create a mold to allow the making of multiple repeatable pieces

Objective 3: Create moulage piece(s) using color and multiple materials

Presenters:
Steven Lichtenberg; Cleveland Clinic Florida
Presentation ID: 57256

Presentation Title: Pathways to Success: Advancing Your Simulation Career - Sponsored by SOTS

Content Category: Professional Development

Delivery Format: Panel Presentation (60 minutes)

Overview: As we continue to grow and standardize the role of the Simulation Operations Specialist, the need for professional development becomes greater. There is no straight path for the Ops Specialist, but many options. We will review pathways available to an Ops Specialist and which may have the most significant impact on your career. Join us to explore educational and career advancement opportunities and build your personalized action plan.

Objective 1: Discuss the professional development opportunities that exist for the Simulation Operations Specialist (SOS)

Objective 2: Assess the value of experience, continuing education, and industry certification in the career of the Simulation Operations Specialist

Objective 3: Apply knowledge of development opportunities for Simulation Operations Specialists (SOS) to create a professional development action plan

Presenters:
Sean Cavanaugh, CHSOS; MD Anderson Cancer Center
Melissa Lowther BS, CHSOS; CAE
Kati Maxkenzie, CHSOS
Masters of Science in Healthcare Simulation, BFA; Alameda Health System
Jarrod Young, CHSOS; CHIPS @ UTHSC
Shelita Kimble, MEd, BS, RT, CHSOS
Presentation ID: 57420

Presentation Title: 3D Printing for Medical Simulation & Healthcare Education: Getting Started at Any Budget

Presenters:
David Shablak, NRP; Simulation Tek
William Belk; Air Methods Corporation

Content Category: Innovation & Technology

Delivery Format: Intensive Learning Series

Overview: This workshop will provide the information needed to implement 3D printing regardless of budget or technical experience. Learners will learn to describe the different types of printing technology and a variety of printing materials to highlight the benefits possible challenges of each to compliment the needs of their educational environment. Hands on experience with all steps of 3D printing from model design to post processing will be gained.

Objective 1: Explain the basic concepts of 3D printing and the pros and cons of different printing technologies to make an informed buying decision based on their individual application

Objective 2: Compare the basic materials used in 3D printing, describe where each is applicable to healthcare simulation, and determine the best material for a given use design their models to be printed with the strengths and weaknesses in mind

Objective 3: Discuss the applications of 3D printing from downloading and printing existing task trainers to simple and advanced applications for designing educational items and manikin parts
Presentation ID: 58538

Presentation Title: Simulation 101 - Safe Container for Learning - Sponsored by SOTS

Content Category: Technical Operations

Delivery Format: Hands-on Workshop (60 minutes)

Overview: Are you new to the field of healthcare simulation operations? Not quite sure if a “safe learning environment” includes helmets or empathy? This course covers fundamental elements that every simulationist should know. Explore the motivations behind the technical operations work of a simulation operations specialist. Experienced operations specialists share what they wished they knew when they started working in healthcare simulation.

Objective 1: Understand basic definitions and concepts in healthcare simulation.

Objective 2: Describe the role of a simulation operations specialist in creating and maintaining a safe simulation learning environment.

Objective 3: Discuss simulation operations specialist responses to common situations that challenge a safe simulation learning environment

Presenters:
Amy Follmer CHSOS;
Sean Cavanuagh, NYU Winthrop Hospital
Melissa Lowther BS, CHSOS; CAE
Presentation ID: 56805

Presentation Title: Tell Me a Story: The Power of Storytelling for Advocacy in Healthcare Simulation

Content Category: Professional Development

Delivery Format: Hands-On Workshop (90 minutes)

Overview: Storytelling is an essential tool for leaders, educators and advocates. This interactive session focuses on developing stories for use in advocating for healthcare simulation. Faculty will share the science behind storytelling and some top essential factors to creating a compelling and convincing story narrative. Participants will have the opportunity to develop and deliver their own story, with feedback from faculty and attendees.

Objective 1: Describe the importance of storytelling in advocating for healthcare simulation

Objective 2: List the three key considerations of creating an effective story for advocacy

Objective 3: Create a short (2-3 minute) story designed to show the importance of simulation in healthcare

Presenters:
Jamie Robertson PhD, MPH; UT Southwestern
Dayna Downing MBA, MHA; Children’s Health
Overview: This hands on workshop will focus on the benefits of creating customized low cost task trainers and wounds. Using innovative techniques and collaborative team dynamics we will demonstrate and lead projects that will enhance simulation fidelity. Attendees will be provided with a take home cookbook, create a wound and participate in a Moulage Pageant.

Objective 1: Identify situations in which a DIY task trainer or moulage technique could enhance a simulation experience

Objective 2: Identify helpful resources in the creation of DIY task trainers moulage

Objective 3: Create a task trainer using common low-cost molding and moulage material

Presenters:
Mechelle Roy; University of St. Augustine for Health Sciences
Victoria Wolfe; University of St. Augustine for Health Sciences
Presentation ID: 56573

Presentation Title: Innovations in Simulation Event Participant Tracking: Gathering Metrics In The Digital Age

Content Category: Technical Operations

Delivery Format: Hot Topic Session (15 minutes)

Overview:

Objective 1: Describe the need for advanced simulation participant metric tracking to facilitate accurate and automatic user data collection

Objective 2: Compare this solution to other low fidelity participant tracking options for accuracy, ease-of-use, and staff efficiency

Objective 3: Demonstrate and discuss how to develop and implement a fully-functional, home-grown simulation participant metric tracking system

Presenters:
Ronald Streetman BA, EMT-B, CHSOS; University of Michigan - Flint
Carman Turkelson DNP, MSN, RN, CCRN, CHSE; University of Michigan - Flint & Beaumont Health System
**Presentation ID:** 56585

**Presentation Title:** The Essentials of Debriefing

**Content Category:** Simulation Instructional Design

**Delivery Format:** Panel Presentation (60 minutes)

**Overview:** This panel focuses on a comprehensive overview of the essential elements of debriefing, to include prebriefing. These elements can be used for an immersive or procedural simulation and can be applied to simulation in a center or in situ. Audience members will be invited to share perspectives on debriefing and to think about the ways in which an effective prebriefing contributes to a meaningful learning conversation in the debriefing.

**Objective 1:** List the seven essential elements of debriefing

**Objective 2:** Describe the components of an effective prebriefing, and outline how an effective prebriefing contributes to a successful debriefing

**Objective 3:** Explain how the structure of a debriefing differs depending on the type of simulation

**Presenters:**
Dawn Taylor Peterson PhD; University of Alabama at Birmingham
Shelby May; UAB Hospital
Alex Morton; University of Alabama at Birmingham
Overview: A formalized mock code program was developed at our facility for frontline staff who are the initial responders in a code. The program was developed based on evidence found in the literature with the intent of improving response times in initiating life saving BLS. Knowledge deficits are addressed during debriefing and additional training completed immediately. Communication and teamwork are highlighted and practiced in the debriefing.

Objective 1: Describe the importance of a robust mock code program

Objective 2: Identify three outcomes that could be measured by a mock code program

Objective 3: Participants will describe solutions to two barriers to executing a robust mock code program

Presenters:
Julie Lee; Dayton VAMC
**Presentation ID:** 56656

**Presentation Title:** Troubleshoot This! Effective Troubleshooting Methods for Simulation Operators

**Content Category:** Technical Operations

**Delivery Format:** Panel Presentation (60 minutes)

**Overview:** Simulation operators come from a variety of professional backgrounds, of which, may not provide troubleshooting training. Effective troubleshooting of simulation equipment can help save simulations when technology fails. This session offers thought process models to enhance decision making skills for simulation operators while troubleshooting equipment.

**Objective 1:** Describe hardware, software and user error issues of simulation technology

**Objective 2:** Identify quick fixes for a simulation technology issue by the end of this session

**Objective 3:** Describe the use of a general troubleshooting methodology models by the end of this session

**Presenters:**
Jonathan Muddle; Stanford University
Presentation ID: 56679

Presentation Title: Anatomy and Interventions for the Simulation Operations Specialist (SOS)

Content Category: Technical Operations

Delivery Format: Hands-On Workshop (90 minutes)

Overview: In this course, you will learn basic head, chest, and abdominal anatomy as it relates to manikin anatomy (in comparison to human anatomy). You’ll also learn what interventions can be performed in those areas on manikins.

Objective 1: Use appropriate medical terminology in reference to human anatomy

Objective 2: Compare human anatomy to manikin anatomy

Objective 3: Identify and perform interventions that can be done on manikins

Presenters:
Jamie Hamilton; University of North Dakota School of Medicine & Health Sciences
Tim Shea, CHSOS; University of North Dakota School of Medicine & Health Sciences
Presentation ID: 56680

Presentation Title: Dear Simulation Operations Specialist (SOS), You Saved My Life: How to Improve Safety and Efficiency in Your Insitu Simulations

Content Category: Technical Operations

Delivery Format: Panel Session - 40 minute Presentation, 20 minute Discussion

Overview: This program will discuss medication dangers and other risks associated with insitu simulations. In addition this course will establish the processes that can be utilized to mitigate these hazards by incorporating practices derived from EMS, the fire service, and other entities. Finally this course will illustrate our center’s blueprint for streamlining insitu prep and performance through the use of various tools.

Objective 1: Discuss the inherent dangers associated with insitu simulations, particularly with medications

Objective 2: Identify three methods simulation operations specialists utilize to mitigate these hazards to safeguard learners and patients

Objective 3: Describe how simulation operations specialists implement a more efficient strategy to prepare for and execute an insitu simulation

Presenters:
Chris Egan; University of Florida
Ceri Borde; University of Florida
Presentation ID: 56687

Presentation Title: Making Low Cost Suction Task Trainers

Content Category: Innovation  Technology

Delivery Format: Hands-on Workshop (60 minutes)

Overview: This presentation will introduce educators to how to make low-cost tips and tricks for making suction task trainers, for general suctioning, massive vomiting and tracheal suctioning. Repurpose spare parts, find new ones, or make the components of these trainers yourself. Many of these devices can be made for $5 or less, yet are high quality and very realistic.

Objective 1: List low-cost parts that can be used to create do-it-yourself simulation training tools

Objective 2: Describe one technique that can be used to create a low-cost task training device

Objective 3: Identify the specific low-cost task trainers that could be developed at learner’s simulation center

Presenters:
Tim Shea, CHSOS; University of North Dakota School of Medicine & Health Sciences
Presentation ID: 56711

Presentation Title: Hi-Fi Isn’t Always Right! Exploring Simulation Modalities.

Content Category: Simulation Instructional Design

Delivery Format: Hands-OnWorkshop (60 minutes)

Overview: Many educators think they cannot perform simulation without a high-fidelity manikin, but Hi-Fi isn’t always the right simulation modality! Simulation also includes task trainers, simulated or standardized participants, computer-based scenarios, virtual reality, and hybrid or multi-modal methods. This presentation will describe various simulation modalities, discuss how to select the appropriate modality for your needs, and describe examples.

Objective 1: Understand the difference between high quality simulation and high-fidelity simulation

Objective 2: Compare and contrast simulation modalities

Objective 3: Select the appropriate simulation modality based upon learning objectives, needs, and available resources

Presenters:
Christie Singbusch; Baylor University
Beverly Price; Baylor University
Presentation ID: 56747

Presentation Title: Technology Team at the Table: A Template for Standardized Immersive Simulation Planning

Content Category: Simulation Instructional Design

Delivery Format: Panel Presentation (60 minutes)

Overview: Whether delivering a certain immersive simulation several times a week or once a year, standardization can be difficult. ZIEL has adopted and developed a planning template that helps to standardize immersive simulation delivery. This panel will represent perspectives of a Sim Technology Specialist, Sim Ops Technologist, and Sim Ops Manager in their experiences with the template in delivering consistent, quality simulations time and again.

Objective 1: Describe the Immersive Simulation Planning Template and illustrate its benefits

Objective 2: Demonstrate examples of areas within the template that are key in standardizing simulation delivery

Objective 3: Analyze the importance of the Technical Operations Team’s role in development of the template prior to simulation delivery, including: identifying appropriate manikins and monitors, moulage, consumables, simulated medications, equipment, etc.

Presenters:
Sarah Rucker; Zamierowski Institute for Experiential Learning
Colton Crook; Zamierowski Institute for Experiential Learning
Joseph Waterson; Zamierowski Institute for Experiential Learning
Presentation ID: 56751

Presentation Title: Designing Functional 3D Printed Objects For Simulation

Content Category: Innovation  Technology

Delivery Format: Hot Topic Session (15 minutes)

Overview: 3D printing is a highly useful resource in simulation, as it allows for the recreation of existing objects that cannot easily be obtained, and custom objects for specific purposes. This hot topic presentation will cover some of the 3D printed items produced at ZIEL while analyzing the process of creation and demonstrating the objects' functionality.

Objective 1: Analyze the benefits that a 3D printer can provide for a simulation program

Objective 2: Examine the process of designing, prototyping, and creating 3D printed objects

Objective 3: Demonstrate the functionality of the 3D printed items and how they are used in simulation

Presenters:
Colton Crook; Zamierowski Institute for Experiential Learning
Presentation ID: 56753

Presentation Title: “Oh Baby”: How to Create Multiple Peri-Mortem C-section Models on a Shoestring Budget

Content Category: Innovation  Technology

Delivery Format: Hot Topic Session (15 minutes)

Overview: Emergency Medicine requested development of a hands-on Peri-Mortem Caesarean-Section Simulation model for grand rounds for 36 residents utilizing 1:6 ratio of models/residents repeated 6 times. Simulationist challenge was how this simulation could be repeated multiple times without delay or damage to equipment and still be realistic for inexperienced providers?

Objective 1: Identify Simulation Operations Specialist need to develop a peri-mortem c-section simulation due to extremely low volume population with high fetal mortality rate dependent upon infant delivery less than 5 minutes after maternal cardiac arrest

Objective 2: Discuss how to construct a peri-mortem c-section simulation model including a written list of supplies with a step by step demonstration of how to assemble the model

Objective 3: Explain the challenges of supervising, coaching and evaluating 6 simulated peri-mortem c-section performances occurring simultaneously and how to rapidly turn-over models for the next practice group within minutes

Presenters:
Kathleen McCarthy RN,AD, BSN, MAED/AEDL, CCRN-K, CHSE;
**Presentation ID:** 56762

**Presentation Title:** On the Move: Implementing Mobile Cart Simulations

**Content Category:** Innovation  Technology

**Delivery Format:** Hot Topic Session (15 minutes)

**Overview:** This session is focused on systems integration using mobile cart simulation. This can be an effective and reproducible method for meeting institutional priorities with high learner volumes. We focus on needs assessment, development, and benefits of creating mobile simulations. Key strategies such as timeline planning, equipment and supply identification, setup standardization, and loan process development will be reviewed.

**Objective 1:** Define mobile cart simulation

**Objective 2:** List benefits of adapting current simulation practices into mobilized format

**Objective 3:** Recognize opportunities to develop mobile cart simulations

**Presenters:**
Alex Morton; University of Alabama at Birmingham
Shelby May; UAB Hospital
Overview: This course will describe the aspects of creating an escape room for nursing residents to perform clinical practices. This course will identify how SOS created an escape room setting simulating an approaching category five hurricane. This program will discuss the implementation of nurse sensitive indicators and sepsis bundle within an escape room format. Finally, this course will discuss the use of AV and high fidelity simulators.

Objective 1: Discuss two clinical objectives for nursing residents within an escape room

Objective 2: Identify the AV and simulation equipment needs in order to implement an escape room

Objective 3: Describe the process of creating and facilitating a medical simulation based escape room

Presenters:
Ceri Borde; University of Florida
Michael DeLena; University of Florida
Chris Egan; University of Florida
Savanna Mahn; University of Florida
Presentation ID: 56810

Presentation Title: Summative Simulation - How to Implement Scoring and Grading Using SimDesigner Software

Content Category: Simulation Instructional Design

Delivery Format: Hands-on Workshop (60 minutes)

Overview: Summative Simulation - How to Implement Scoring and Grading Using SimDesigner Software

Summative simulated based assessments are intended to objectively determine students’ competence in practice. This workshop will teach you what critical steps need to be followed to program and design simulations for the summative assessment using the Laerdal SimDesigner software, ensuring the validity of the assessment and the reliability of the grading.

Objective 1: Determine when a summative evaluation is necessary in the simulation. Participants will determine if the outcome of a summative evaluation is an assigned grade, promotion, certification, or demonstration of achievement of objectives or competency

Objective 2: Construct a simulation scenario that scores learner performance. Participants will create/modify a scenario that is standardized in format and in scoring methods, and appropriate in its level of fidelity to achieve participant outcomes

Objective 3: Apply grades to an event within the programmed scenario

Presenters:
Rami Leventhal; Northern Kentucky University
Overview: Simulation staff in hospital-based centers, encounter various simulation users with a variety of simulation based knowledge and experiences. This course will focus on how a list of standard pre-planning questions impact various levels of facilitation styles during simulation events. The content is geared toward a Simulation Operation Specialist and/or Simulation Technologist with some knowledge of simulation based terminology and experience.

Objective 1: The participants will describe how a standard planning meeting tool impacts successful training outcomes.

Objective 2: Explore opportunities for Simulation Operation Specialists/Simulation Technologists to be flexible based on the various facilitation styles.

Objective 3: Experiment with the shared tool in small groups using various sample simulation requests for training.

Presenters:
Michelle Feliciano M.Ed., CHSE, CHSE-A; Cleveland Clinic
Nichole Kelsey, MSN, RN, CHSE; Cleveland Clinic
Presentation ID: 56817

Presentation Title: Utilizing a Checklist to Help Guide a Course Debrief Following a Simulation Activity

Content Category: Professional Development

Delivery Format: Hot Topic Session (15 minutes)

Overview: Facilitating a course debrief amongst the simulation center staff and the instructors following a simulation activity is an important way to gather feedback. There are specific items for both the Simulation Operation Specialists and the instructors to reflect on. This session will share the course debrief document that is currently used to elicit feedback, in person or via email, and how the document is stored and utilized for future use.

Objective 1: Discover an effective tool to help guide a course debrief following a simulation activity

Objective 2: Dissect the items listed in the course debrief document for both the Simulation Operation Specialists and the instructors

Objective 3: Devise a plan of how and when to implement the course debrief document into their current process

Presenters:
Michelle Feliciano M.Ed., CHSE, CHSE-A
Overview: Healthcare is a complex, interconnected system with numerous points of intersection between staff, patients, departments and service lines across the facility. Simulation, as a systems tool, can play a key role in the investigation and mitigation of medical errors in a root cause analysis and prospectively in a healthcare failure modes effect analysis.

Objective 1: Identify processes or procedures that are amenable to evaluation through the use of simulation

Objective 2: Identify processes or procedures that are amenable to evaluation through the use of simulation

Objective 3: Discuss and describe how simulation can be integrated into a quality and patient safety initiative

Presenters:
Mary Ellen Elias MSN; VA Pittsburgh Healthcare System
Overview: Essential healthcare concepts for the Simulation Operations Specialists (SOS) is taught by expert critical care nurses and SOS through an interactive, hands-on learning experience. Participants will demonstrate a variety of realistic medical procedural skills that impact clinical providers if setup inaccurately; and learn key physiological signs and symptoms with medical terminology to confidently navigate common scenarios with clinical accuracy.

Objective 1: Demonstrate clinically realistic setup for various tubes, lines, catheters, supplies, and dressings

Objective 2: Apply common vital signs, signs symptoms, medication needs to the clinical setups for common clinical simulations

Objective 3: Interpret, through role play, common clinical terms and how to adapt in live simulations