

Using LLEAP to Facilitate Live Virtual Simulations

Upon full participation and completion of this virtual training, participants will be able to:

- Understand the LLEAP interface and its components
- Manipulate LLEAP and Windows to make available new body sounds
- Employ the Patient Monitor software to enhance realism
- Utilize internet-based resources to identify supplemental photographs and videos
- Understand the limitations inherent with virtual simulation delivery

Course Agenda

- **Welcome and introductions:** 15 min
- **Outlining necessary equipment:** (*Computers, webcam microphone, LLEAP Licenses*) 30 min
- **Tour of the Zoom interface:** (*How to use capabilities, exploring limitations*) 30 min
- **Review of the LLEAP control interface:** (*Brief review of adjusting vitals, navigating a theme, using on-the-fly trends*) 30 min
- **Review of the Patient Monitor software:** (*Brief review, direct controls, control via LLEAP interface*) 30 min
- **Adding additional body sounds to LLEAP:** (*Finding files, converting formats, adding folders, access in LLEAP*) 1 hour
- **Adding supplemental photographs and video clips:** (*Finding files, converting formats, adding folders, access in LLEAP*) 1 hour
- **Preparing and programming your virtual simulation experience:** (*Building a basic theme or scenario file, running the theme*) 2 hours

Course Description

This course is intended for any simulation educator, technician, or facilitator. Concepts and techniques can be extended to include standardized patients to further enhance tele-simulations. Expect new learning from this course further enhance users' capabilities with software in face-to-face simulations as well.

Potential difficulties and limitations to successful delivery of this course include poor internet connections, lack of LLEAP knowledge, lack of general computer skills. Attendees should be aware that there is currently no direct, turn-key solution to accomplish tele-simulations; rather, it is necessary to creatively bring together unrelated software. There are certainly other possibilities that exist, and this course is an introduction to potential virtual capabilities.

The use of the Zoom platform is not an endorsement and virtual simulations can be conducted through other, similar platforms, such as Skype, Microsoft Teams, Google Hangouts, and Cisco WebEx to list a few examples.

