Critical Care Skills for Non-Critical Care-Trained Providers

How to Use This Resource

Goal
The goal of this resource is to provide basic critical care skills to providers who have not completed formal training in critical care medicine with an eye towards increasing capacity to care for patients with COVID-19 and other forms of severe illness in the event of a major increase in the burden of disease in our community.

The Structure of the Resource

There are two components to this resource: (1) Self-Study modules; (2) Just-in-Time learning resources and (Further information on teach component as well as information on how to access the materials are provided below.

Self-Study Modules

Self-study modules have been organized around core topics in the care of critically ill patients with COVID-19 and other forms of critical illness. Employing a combination of videos and web-based tools, these modules focus on developing knowledge and clinical reasoning skills. Many of these modules make use of videos provided as part of the Society for Critical Care Medicine’s (SCCM) Fundamental Critical Care Support curriculum. Information on how to access the SCCM site videos is provided below.

Accessing the Modules: A document titled “Self-Study Modules” can be found in the folder labeled “Self-Study Modules.” This document provides information, including web URLs, on how to access content for each module. This folder also contains subfolders with supplemental resources for several of the modules as well as a folder with the resources for the Chest Radiology module.

Just-in-Time Learning Resources

This includes a series of one page documents intended to provide concise, focused information on how to handle common problems that arise in the care of critically ill patients. All documents take the form of “My patient has developed a problem… now what do I do” and include information on how to frame the problem, further management steps and when to call for help from a critical care consultant.

Accessing the Just-in-Time Resources: All of the documents can be found in a separate folder labeled “Just-in-Time Learning-Now What.” Each common problem is presented as a separate one page document. A document combining all of the files into one document can also be found in this folder.

What This Resource is Not About

The modules and tools in this resource are intended to develop basic knowledge and clinical reasoning in critical care medicine. Procedural skills such as central venous catheter placement,
airway management and bedside ultrasound are beyond the scope of the resource as these procedures will typically be done by personnel with specific training in these areas.

The modules do not include specific information about the management of COVID-19, such as use of antiviral medications and other disease specific interventions. UW treatment protocols and other information specific to the care of COVID-19 can be found at the following URL: https://one.uwmedicine.org/coronavirus.

Accessing the Society for Critical Care Medicine Modules

As noted above, many of the self-study modules utilize videos provided free of charge as part of the Society for Critical Care Medicine’s Fundamental Critical Care Support curriculum. To access these videos, click on the following URL: https://covid19.sccm.org/. You will then be taken to the following page:

Click “Access Resources,” after which you will be directed to the following page:

The modules can be found at the bottom of this page. The first time you access the resources, you may be asked to register for the site. There is no fee for doing so.

This resource was prepared by members of the University of Washington Division of Pulmonary, Critical Care and Sleep Medicine:

Tyler Albert, MD
Hugo Carmona, MD
Nicholas Johnson, MD
Patricia Kritek, MD EdM
Joshua Lee, MD
Andrew Luks, MD
Trevor Steinbach, MD

We welcome your questions and feedback. Please direct any such comments to aluks@uw.edu