



November 2005

## **Web-based Training ROC 101-Research for EMS Providers**

“ROC 101-Research for EMS Providers” is the first in a planned series of Web-based training modules. This module has been developed by the Resuscitation Outcomes Consortium (ROC) to introduce field providers to the ROC and to educate them on the standards of doing clinical research in the pre-hospital setting.

### **Access**

The ROC training modules are hosted on EMS Online at: [www.metrokc.gov/health/kcbls](http://www.metrokc.gov/health/kcbls) or [emsonline.net](http://emsonline.net) (after Dec 5, 2005).

Enter Username: site-specific (case sensitive, no spaces). Each site provided three Usernames.  
Enter Password: same as the entered site-specific Username (case sensitive, no spaces).  
Select: Resuscitation Outcomes Consortium/ROC Courses/ROC101-Research for EMS Providers

Because the module contains photos, video, audio, graphics, and interactive exercises, it may take some time to open/download the module the first time it is viewed on your workstation. Thereafter, the module is expected to open promptly from the workstation's cache memory.

### **Workstation requirements**

We have attempted to develop a training module that is both informative and easy to use. It has been developed to work on a computer workstation that meets these minimum requirements:

- Internet access (high speed access is recommended)
- Web browser - Internet Explorer 6 (or higher) or Firefox 1 (or higher)—free download if needed
- Macromedia Flash Player (7 or higher)—free download if needed
- 100 megabytes of hard disk storage
- Color monitor
- Keyboard, mouse and audio/speakers

To test if the Macromedia Flash Player is installed on your workstation go to <http://www.macromedia.com/shockwave/welcome/> and see if the animated graphic under "Macromedia Flash Player" displays. If so, move your mouse over "About" and see which version of Flash your computer has.



Resuscitation Outcomes Consortium



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### **EMS Online**

This is a continuing education website that offers interactive courses for emergency medical service professionals. ROC username/passwords allow you to view all EMS Online modules. However, a separate subscription with EMS Online is required for your agency to access the related certifying exams for any non-ROC module or to establish database administration and reporting tools. CECBEMS credit will be available. Contact the Web-host directly for information on subscription services and cost— [help.ems@metrokc.gov](mailto:help.ems@metrokc.gov), 206-409-1136.

### **ROC 101-Research for EMS Provider - Features**

**Video-clip**—2 minute video clip that addresses importance of participating in research and abiding by the principles of good clinical practice.

**Audio**—look for the “audio” button to activate professional narration of text content.

**Road to Improved Survival**—an overview of the lengthy and complex process required to conduct clinical research in the pre-hospital setting.

**Flash cards**—exercise to learn important research vocabulary

**Elaborations**—expanded information on a given topic, including hotlinks to outside websites, references, and summary highlights.

**North America map**—displays ROC sites and associated facts.

**Interactive exercises**—have a bit of fun while refreshing your memory.

**Reinforcement**—questions are included on selected pages to reinforce the point(s) being made.

**Practice exam**—series of 7 questions to review information and preparation for the final exam. Based on learning objectives. Feedback provided.

**Final exam**—series of 8 questions. Minimum score for passing established by each site for its EMS personnel. Results can be printed and/or emailed to the (default) site coordinator or to an entered destination. No scores or usernames are recorded in a web-associated database, unless agency subscribes to EMS Online.

### **Time to completion**

Early experience suggests a user may take 30-90 minutes to complete the module and final exam. This will vary depending on use of “elaboration” material, external links, and interactive options.





If a user is interrupted during the course, he or she may use the Web browser's "favorites" or "bookmark" function to later return to that spot. The user must re-log in then returned to the bookmarked page. If the user must leave while taking the final exam he or she should close the browser window. The time allowed for an exam is 15 minutes.

### **Exam**

For privacy purposes, test results are not recorded in a central web-database. It is the site's responsibility to establish a system that meets local requirements for tracking the use and/or exam results for ROC web-modules.

When a user is about to take a final exam, he is prompted to enter this or her name (first and last) and a password. The password entered is the same one used to sign into EMS Online. The name entered in the field provided will appear later on the individual's exam results report. The name, or any identifier provided in this field, is the only means provided for documenting completion of the module and is not recorded in the Web site database.

Exam results may be printed and/or emailed at the time of test completion. The user may email results to a default address (established by site coordinators) or to an entered destination.

King County and Seattle exception: Field personnel use their personal user ID and password as for other on-line training. Performance scores are logged to the training database.

### **Continuing education credits**

It is the goal to secure accreditation for ROC 101-Research for EMS Providers. A minimum 70% score is required by most accrediting agencies to award continuing education credit. More information on CECBEMS credit will be supplied later.

### **Technical support**

Site coordinators or a designate will field all initial inquiries for assistance from their respective EMS providers using the ROC web-based modules. A site-designated person will contact the CTC with questions they are unable to resolve. Direct your technical questions to Umberto Lenzi at [ulenzi@u.washington.edu](mailto:ulenzi@u.washington.edu).

