

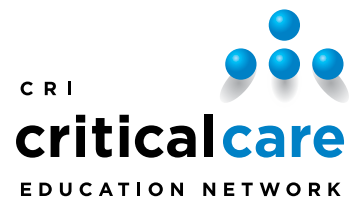
# You knew.

## How to Prepare for Critical Care

How does a healthcare professional prepare for the unknown? Most doctors and nurses rarely care for critically ill patients, so when the moment comes, how can they know what to do?

Everyone understands what is at stake if the team members don't have the knowledge and confidence they need. Not only is the patient affected – so are family members, people in the community, their care providers and the healthcare system itself.

CRI Critical Care Education Network was established to help healthcare professionals prepare for critical care.



**Knowledge for Life**



# “Adult Learning” Under Pressure

We understand that preparing to resuscitate a critically ill patient is one of the most difficult “adult learning” challenges, especially for physicians and other healthcare professionals who rarely manage critically ill patients. It takes a lot more than textbook learning to prepare for a crisis situation where your team members have varying levels of experience and everyone’s adrenaline is flowing.

The current educational system does an excellent job of teaching theory, but what is needed is practical, intensive, hands-on training. CRI Critical Care Education Network was founded in 1999 (previously known as the Canadian Resuscitation Institute – hence the CRI in our name) to meet this need.

We employ a variety of learning methods to help make the learning as “real” as possible and to make sure it takes hold. Our approaches include case-based seminars, practice-based learning, hands-on technical skills workshops, high fidelity simulation (in the ACES and CCRT courses), along with didactic sessions and web-based learning components.

This overlapping approach is comprehensive and focuses on helping adult learners prepare for actual crisis situations.

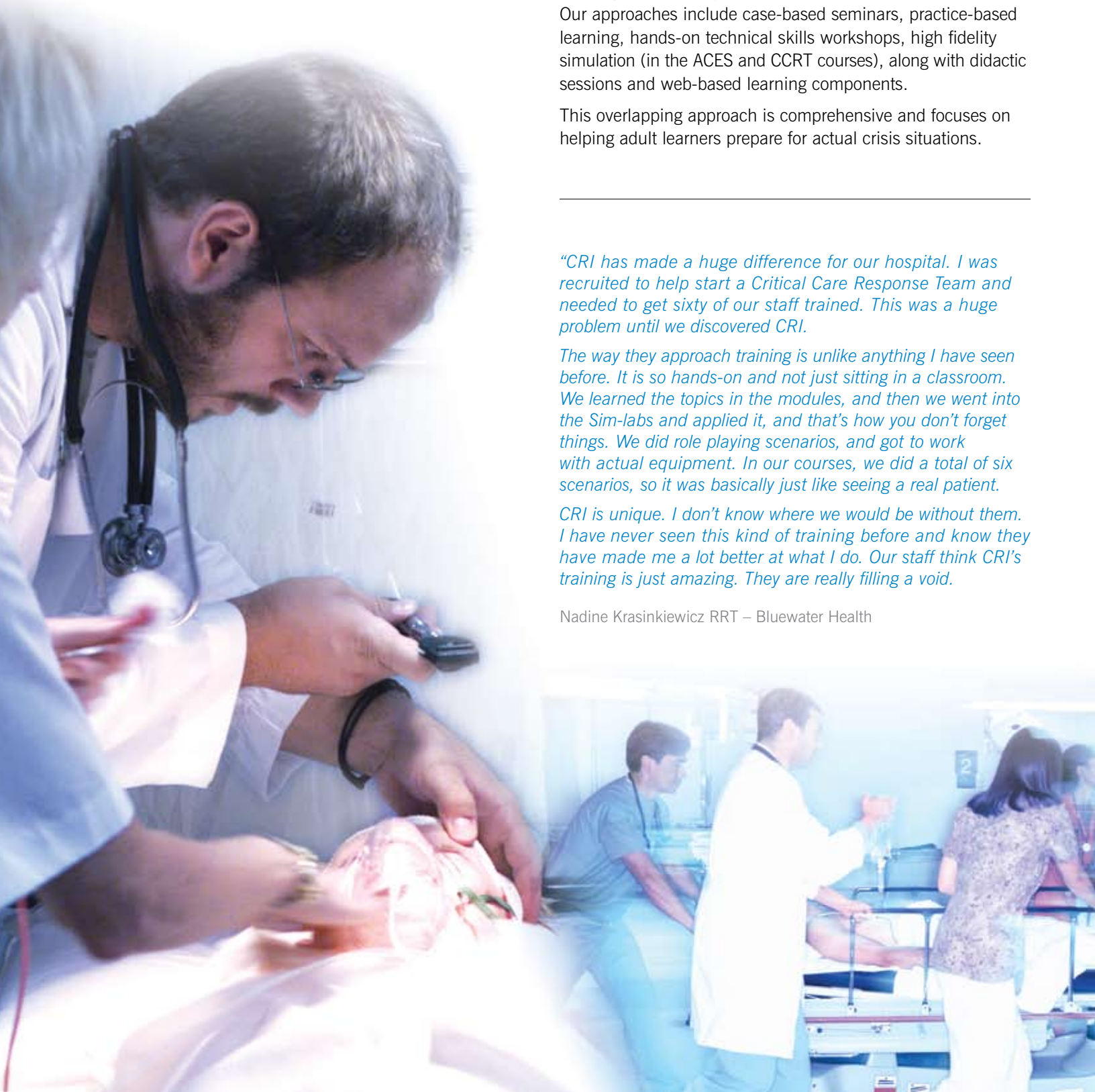
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*“CRI has made a huge difference for our hospital. I was recruited to help start a Critical Care Response Team and needed to get sixty of our staff trained. This was a huge problem until we discovered CRI.*

*The way they approach training is unlike anything I have seen before. It is so hands-on and not just sitting in a classroom. We learned the topics in the modules, and then we went into the Sim-labs and applied it, and that’s how you don’t forget things. We did role playing scenarios, and got to work with actual equipment. In our courses, we did a total of six scenarios, so it was basically just like seeing a real patient.*

*CRI is unique. I don’t know where we would be without them. I have never seen this kind of training before and know they have made me a lot better at what I do. Our staff think CRI’s training is just amazing. They are really filling a void.*

Nadine Krasinkiewicz RRT – Bluewater Health



# Preparing for Critical Care

## Knowledge for Life

CRI is a not-for-profit organization whose goal is to equip healthcare professionals with the tools and confidence they need to provide the best critical care possible. Our courses include:

- **ACES** (Acute Critical Events Simulation)
- **CCRT** (Critical Care Response Team)
- **IC HF Simulation** (Instructor Certification – High Fidelity Simulation)
- **SEPSIS** (Modern Management of Severe Sepsis)

The work we do has a positive effect not just on patients, but also the care-givers and the very institutions where they work. Our courses lead to...

### Positive Patient Outcomes

Improving patient outcomes is the ultimate goal of what we do. We know that when health care professionals are given the skills, knowledge and confidence to face a crisis situation, they can provide the best possible critical care. Our educational content and methodology is carefully planned to achieve this goal: saving lives.

### Positive Practitioner Outcomes

A healthcare professional can be devastated if they are caught in a critical care situation without the required knowledge and preparation. The courses we offer help prevent these setbacks by preparing caregivers for whatever might come up, so they can perform their duties with greater confidence and skill.

### Positive System Outcomes

A knowledgeable and well-prepared staff is a key component of a successful system. When staff members are given the training they need to work effectively and efficiently within the system – by doing the right thing at the right time – the system by default becomes more cost-effective and patient outcomes are improved.

Furthermore, our courses prepare healthcare systems to be adaptable in times of crisis. In fact, the development of our CCRT course, which trains members of rapid response teams in Ontario hospitals, was a direct response to the SARS crisis.

Our courses not only cover the “how to” of caring for a critically ill patient, but they also address crucial skills such as inter-professional communication, crisis resource management, and patient safety, which all have an impact on the success of the system.

### Founding Members

CRI was founded in 1999 by a group of physicians and health leaders in Ottawa who were concerned with available education in the field of critical care. Their vision was to provide a level of training that would make a real difference. The group expanded and incorporated as the Canadian Resuscitation Institute in 2004.

Founding members included Dr. Pierre Cardinal (Ottawa); Dr. Dean Bell (Winnipeg); Dr. Peter Brindley (Edmonton); Dr. Randy Wax (Toronto); Dr. John Kim (Ottawa); Dr. Dave Neilipovitz (Ottawa); Dr. Rick Hodder (Ottawa); Dr. Lois Champion (London); Dr. Don Burke (Sudbury); Dr. William Gallacher (Halifax); Dr. Dev Jaramayan (Montréal); and Dr. Fred Baxter (Hamilton).

### Current Membership

CRI has always been a membership-based organization. Our strength is in the interdisciplinary community of professionals and large pool of instructors who make up our membership and bring their considerable and varied experiences in critical care education to our courses and materials.

### Board Members

Our Board is comprised of people who are passionate about successful critical care and who are themselves leaders and experts in their respective fields. 2007 board members include Dr. Pierre Cardinal, Board Chair (Ottawa); Dr. Peter Brindley (Edmonton), Dr. Stuart Reynolds (Toronto), Jean-Yves Martineau (Gatineau, President, Cactus Corporation); François Carrier (Actuary, Montréal); Dr. Redouane Bouali, President and CEO, ex-officio member (Ottawa)

## The Courses

Course	<b>ACES</b> Acute Critical Events Simulation	<b>CCRT</b> Critical Care Response Team Course	<b>IC HF Simulation</b> Instructor Certification-High Fidelity Simulation	<b>SEPSIS</b> Modern Management of Severe Sepsis
Audience	For physicians who may be called upon infrequently to manage critically ill patients (not just those who work in an intensive care unit). It is also offered to medical residents and Critical Care Fellows.	For healthcare providers with some experience in critical care who are interested in becoming part of a rapid response or medical emergency team.	For physicians who wish to participate in the CRI ACES Program as High-Fidelity Simulation Module instructors.	For physicians who may be called upon infrequently to manage critically ill patients.
Goals	To provide an approach to the acute resuscitation of critically ill patients. Introduces the concepts of crisis resource management (CRM) along with approach strategies and practical skills required in the early resuscitation of critically ill patients.	To provide the framework and skills for dealing with critical care situations for both adult and pediatric populations. Includes primary ABC assessment, rapid triage decision-making, and development of primary care plans. Also covers ethics.	To provide the participant with the skills needed to become a fully qualified high-fidelity simulation program instructor.	To provide the background and skills for recognizing and treating severe sepsis and septic shock. Also covers evidence-based treatment.
Format	Four half-day modules covering: Airway, Breathing, Circulation, Other Topics (such as Sepsis, Massive Bleeding) Includes High-Fidelity Simulation and technical skills training	Fourteen modules in a two-day intensive hands-on interactive workshop. Includes High-Fidelity Simulation and technical skills training	Two-day course comprised of lectures and group workshops. Also covers technical skills in operating the simulator and simulation practice sessions, including giving feed-back to learners.	Two and one-half hour case-based interactive seminar. Can be combined with other hands-on skills workshops such as circulation (fluid resuscitation and vasopressor therapy), central line insertion and/or a simulation module.

### FAQ

#### How do I sign up for a CRI course?

All CRI courses are listed on our website at [www.CRledunet.org](http://www.CRledunet.org).

#### How do I book a course or a series of courses for my hospital or centre?

Please contact the CRI General Manager directly and we will discuss the most efficient, cost-effective manner to deliver the courses you want, tailored to your needs.

#### How do we become a CRI-Certified Regional Training Centre?

Individual hospitals or centres, or groups of hospitals or centres, which have identified the need for ongoing critical care training, can be certified as Regional Training Centres. We will work with you to train your instructors and staff to set up courses and help you develop a budget and training plan tailored for the needs of your group. Once you are certified, you will also be eligible to train outside groups through the auspices of CRI. This can put your group in a leadership role in education delivery for your region.

#### How do I become an instructor for CCRT or ACES?

We have a roster of certified instructors for the CCRT course and ACES course who are paid to teach courses around the country and potentially throughout the world. Our instructors include specialists in critical care medicine, family physicians, nurses and respiratory therapists. For more information on becoming an instructor, please contact the CRI course coordinator at [coursecoordinator@CRledunet.org](mailto:coursecoordinator@CRledunet.org).

### Call for Experts

CRI is always looking for experts to participate in developing, improving, reviewing or delivering curriculum, simulation scenarios, SimuCases, web-based learning materials, and other educational content. All course material is peer-reviewed and therefore eligible for academic credit. If you are interested in collaborating with us, please contact the General Manager.

### Contact Information

Course Co-ordinator:  
[coursecoordinator@CRledunet.org](mailto:coursecoordinator@CRledunet.org)

General Manager:  
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