



## Advanced Cardiovascular Life Support (ACLS)

Advanced Cardiovascular Life Support (ACLS) is the pre-eminent resuscitation course for the recognition and intervention of cardiopulmonary arrest or other cardiovascular emergencies. This advanced course builds on the foundation of basic life support (BLS) skills and takes healthcare provider training to the next level. Learners can expect practice and training in high-performance team dynamics and communication, systems of care, immediate post-cardiac arrest care, acute dysrhythmia, stroke, and acute coronary syndromes. Learn to become a practiced and strong member or lead an ACLS team with this important training program.

### Features

- Reflects science of the most recent Guidelines Update for CPR and ECC
- Hands-on class format that integrates Basic and advanced lifesaving interventions
- Extensive practice of team dynamics and communication during resuscitation
- Real-world scenarios

### Content

- Systematic approach
- High-quality CPR (application of Basic Life Support skills to case scenarios)
- Airway management
- Rhythm recognition
- Defibrillation
- Intravenous (IV)/intraosseous (IO) access
- Use of medications
- Cardioversion
- Transcutaneous pacing
- Team dynamics

### CME/CPD Credits & Accreditation

#### Royal College of Physicians and Surgeons of Canada

Heart & Stroke ACLS Provider course eligible for two (2) credits per hour under



Section 2 of the MOC Program as “Traineeships”.

### **College of Family Physicians of Canada**

Heart & Stroke ACLS Provider course eligible for two Mainpro+ Certified credits per hour.

### **Other Colleges / Regulatory Bodies**

Heart & Stroke courses are recognized across Canada. We are committed to continuous assessment and accreditation. Check with your college or professional affiliation to see if this course is eligible for credits.

## **Courses:**

### **ACLS Provider (2 days)**

**ACLS Provider** is designed specifically for healthcare providers who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies, and who will regularly use ACLS skills within their scope of practice. This advanced course builds on skills and knowledge acquired on our [Basic Life Support \(BLS\)](#) course. The course gives students the opportunity to practice and demonstrate proficiency in continuous, high-quality CPR, high-performance team dynamics and communication, systems of care, recognition and intervention of cardiopulmonary arrest, acute dysrhythmia, stroke, and acute coronary syndromes. Students practice the application of these and other skills in simulated cases and will practice both team leader and team member roles.

### **Expected Learner Competencies**

The ACLS course leverages a student’s existing clinical skills, knowledge and proficiency. The following competencies are expected of students entering an ACLS Provider course:

- High-quality BLS
- Recognition of common cardiac ECG rhythms
- Effective airway management and use of adjuncts
- Knowledge of cardiac pharmacology
- Practical management of complex cases
- High-performance team skills



## Prerequisites



- Current Heart & Stroke BLS Provider certification - AND -
- [ACLS pre-course self-assessment](#) certificate (passing score = 70%)

## Course Duration



~ 14 hours

## Course Materials



Required:  
Advanced Cardiovascular Life Support Provider Manual

- Print = RE5110E
- eBook = RE5110ED

2020 Handbook of Emergency Cardiovascular Care for Healthcare Providers

- Print = RE0130E

## Course Completion Card



ACLS Provider  
Valid for: 2 years



## 2) ACLS Provider Renewal

The **ACLS Provider Renewal** course is intended for highly-proficient ACLS providers who regularly direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies, and who will regularly use ACLS skills within their scope of practice.

This is a fast-paced course that gives students the opportunity to demonstrate understanding of the core ACLS program (high-quality CPR, high-performance team dynamics and communication, systems of care, recognition and intervention of cardiopulmonary arrest, acute dysrhythmia, stroke, and acute coronary syndromes) through written and skills assessment in a concentrated program.

### Expected Learner Competencies

The ACLS Provider Renewal course leverages an ACLS provider's existing clinical skills, knowledge and proficiency. The following competencies are expected of students entering an ACLS Provider Renewal course:

- High-quality BLS
- Recognition of common cardiac ECG rhythms
- Effective airway management and use of adjuncts
- Knowledge of cardiac pharmacology
- Practical management of complex cases
- High-performance team skills

### Prerequisites



- Current Heart & Stroke BLS Provider certification  
- AND -
- Current Heart & Stroke ACLS Provider certification  
- AND -
- [ACLS pre-course self-assessment](#) certificate (passing score = 70%)



## Course Duration



## Course Materials



Required:

Advanced Cardiovascular Life Support Provider Manual

- Print = RE5110E
- eBook = RE5110ED

2020 Handbook of Emergency Cardiovascular Care for Healthcare Providers

- Print = RE0130E

## Course Completion Card



ACLS Provider  
Valid for: 2 years



### 3) ACLS (Online + In-person) Self-Directed Part 1 + ACLS Skills part 2.

Heart & Stroke's traditional classroom-based, instructor-led Advanced Cardiovascular Life Support (ACLS) has been re-factored to enable self-directed learning during the COVID-19 pandemic.

This program was created to support healthcare services who are attempting to ensure the maintenance of quality patient care in the on-boarding of retired personnel, the movement of clinicians from non-patient care areas, and solidifying the knowledge and abilities of the existing workforce. This self-directed course is intended to address the challenge of face-to-face sessions and conducting skills practice and testing during the contact precautions mandated by Health Canada and Public Health Agencies by offering an alternative delivery format.

ACLS is the pre-eminent resuscitation course for the recognition and intervention of cardiopulmonary arrest or other cardiovascular emergencies. This course takes the foundational concepts and skills of Basic Life Support (BLS) to the next level. Learners will acquire knowledge of the components of high-performance team dynamics and communication, systems of care, immediate post-cardiac arrest care, acute dysrhythmia management, stroke and acute coronary syndromes. Participants of this course are provided with the knowledge and tools to become a strong and reliable member of an ACLS team.

Interim – Self-Directed courses are delivered in 2 parts:

- **Part 1:** Self-Directed cognitive component – This is an online self-directed learning. Successful participants will earn a temporary certificate, indicating they passed this self-directed component. Part 1 prepares healthcare providers with the knowledge and ability to be an effective member of a healthcare team and get them up-to-speed quickly during the COVID-19 pandemic.

**IMPORTANT NOTE:** Availability for Part 2 may be limited in your region. Heart & Stroke cannot guarantee access to Part 2 courses.



- **Part 2:** Hands-on skills practice and skills testing component – Once physical distance requirements have been amended, students will need to take and pass an in-classroom Part 2 to earn their full ACLS Provider certification, valid for 2 years.

Reference note - Course description taken from [Heart and Stroke foundation portal](#) page. Student must follow Heart and Stroke foundation portal for latest guideline and updates

Webpage <https://cpr.heartandstroke.ca/s/article/ACLS-Interim-Training-Self-Directed>

<https://cpr.heartandstroke.ca/s/acls>