



Pediatric Advanced Life Support (PALS)

Pediatric Advanced Life Support (PALS) is an advanced resuscitation course for the recognition and intervention of cardiopulmonary arrest or other cardiovascular emergencies in pediatric patients. This advanced-level course builds on skills learned in a Basic Life Support (BLS) Provider course and/or a Pediatric Emergency Assessment, Recognition and Stabilization (PEARS) Provider course. Designed for healthcare providers who either direct or participate in the management of critically ill pediatric patients, learners will apply their BLS skills as well as expect practice and training in a systematic approach to pediatric assessment, treatment algorithms and high-performance teams to improve the quality of care provided to seriously ill or injured children. Become a practiced and strong member or lead a PALS team with this important training program.

Features

- Reflects science of the most recent Guidelines Update for CPR and Emergency Cardiovascular Care (ECC)
- Hands-on class format that integrates BLS and PALS interventions
- High-quality CPR and team dynamics
- Real world scenarios

Content

- Pediatric systematic approach
- High-quality CPR (Basic Life Support)
- Respiratory emergencies and early interventions
- Shock emergencies and early interventions
- Cardiopulmonary arrest and early interventions
- Arrhythmias
- Post-cardiac arrest management
- Multi-rescuer resuscitation and team dynamics

CME/CPD Credits & Accreditation

Royal College of Physicians and Surgeons of Canada

Heart & Stroke PALS 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 PALS 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

1) PALS Provider

PALS Provider is an advanced course, designed specifically for healthcare providers who will direct or participate in the management of cardiopulmonary arrest, respiratory or shock emergencies in pediatric patients, and who will regularly use PALS skills within their scope of practice.

The PALS Provider course builds on skills learned in a Basic Life Support (BLS) Provider course. Learners can expect practice and training in a proven systematic approach to pediatric assessment, treatment algorithms and high-performance teams to improve the quality of care provided to seriously ill or injured children. Participants will practice and demonstrate proficiency in simulated case scenarios and will practice both team leader and team member roles.

Expected Learner Competencies

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

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

Prerequisites



- Current Heart & Stroke BLS Provider certification - AND -
- [PALS pre-course self-assessment](#) certificate

Course Duration



~ 13h 40m

Course Materials



Required:
PALS Provider Manual

- Print = RE6100E
- eBook = RE6100ED

2020 Handbook of Emergency Cardiovascular Care for Healthcare Providers

- Print = RE0130E

Course Completion Card



PALS Provider
Valid for: 2 years



2) PALS Provider Renewal

The **PALS Provider Renewal** course is a fast-paced course. It is designed for proficient PALS providers who regularly direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies in critically ill or injured children. This course assumes a comprehensive awareness, knowledge and skill proficiency in PALS concepts, and is best suited for providers who use these skills frequently and therefore require limited practice to be successful.

Learners will practice and apply their knowledge to case scenarios applying the proven systematic approach to pediatric assessment, treatment algorithms and coordinated high-performance team dynamics, in both team leader and team member roles.

Expected Learner Competencies

The PALS Provider Renewal course leverages a student's existing clinical skills, knowledge and proficiency. The following competencies are expected of students entering a PALS Provider Renewal course:

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

Prerequisites



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

Course Duration



~ 7h 40m

Course Materials



Required:
PALS Provider Manual

- Print = RE6100E
- eBook = RE6100ED

2020 Handbook of Emergency Cardiovascular Care for Healthcare Providers

- Print = RE0130E

Course Completion Card



PALS Provider
Valid for: 2 years



3) PALS online + in-person (Part 1 online and Part 2 Skills)

Part 1 – Self-Directed Learning

Heart & Stroke's traditional classroom-based, instructor-led Pediatric Advanced Life Support (PALS) course 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.

PALS is an advanced resuscitation course for the recognition and intervention of cardiopulmonary arrest or other cardiovascular emergencies in pediatric patients. This course takes the foundational concepts and skills of Basic Life Support (BLS) to the next level. Designed for healthcare providers involved in the management of critically ill pediatric patients, learners will acquire knowledge of the cognitive components of the systematic approach to pediatric assessment, treatment algorithms and high-performance teams to improve the quality of care provided to seriously ill or injured children. Participants of this course are provided with the knowledge and tools to be a strong and reliable member of a PALS 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 PALS 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>