

PACE 2019 Simulated Skills Competition RULES

Team Check-In

All teams will be asked to meet at a designated location and time immediately prior to the commencement of the competition. At that time, the PACE 2019 Paramedic Simulation Competition organizing committee will review the competition rules and equipment that will be available, such as monitors and splints. Teams will also be introduced to the mannequins in order to become familiar with them.

Following the Check-in, there will be a period of Q & A with the organizers and all teams present.

Team Lock Down

During the first phase of the competition, teams will not be “locked down” as no outside spectators will view the scenario. Any team sharing information with another team will automatically be disqualified.

During the final Simulation, teams will be “locked down”. Teams to compete in the finals will be sequestered to a secure holding area to ensure secrecy of the scenario, ensuring a level playing field for all.

Teams sequestered to the secure holding will be subject to a communications blackout. The PACE 2019 Paramedic Simulation Competition organizing committee asks teams competing in the finals to leave their mobile devices, smart watches, laptops, tablets and any other device that is capable of electronic communication in their hotel rooms for the duration of the final. The PACE 2019 committee will not be taking responsibility for these electronics.

A PACE 2019 Paramedic Simulation Competition committee member will be present in the lock down room. This individual will ensure that no competitors are communicating with outside participants about the sim competition. Any team engaging in any form of cheating will be automatically disqualified.

Snacks and beverages will be provided to the final simulation competition teams.

Equipment

Permissible Equipment

In order to keep the competition fair and on a level playing field, the PACE 2019 Paramedic Simulation Competition committee has decided to limit the amount of equipment carried on the individual paramedic. The items allowed are as follows:

- Stethoscope
- Gloves
- Eye protection
- Pen
- Notepad
- Trauma scissors
- Penlight and/or flashlight
- Narcotic pouch

All other equipment will be prohibited on your person. Any gear that is not listed above and is carried on your person during the competition will result in points being deducted.

Equipment Brought by Competing Teams

Teams will be required to bring essentially three different “kits”. This allows teams to be familiar with their kits’ setup and have the ability to focus on the scenario/task at hand, not having to use up precious time and cognition to search for the necessary equipment.

The three “kits” will be:

Airway kit

- OPAs and NPAs
- Endotracheal tubes, Supraglottic devices (King LT, LMA, Combitube)
- Laryngoscope with blades
- OG/NG tube
- Surgical airway device(s)
- Airway securing device or tape

IV Kit

- IV solution (NS, LR, etc)
- IV catheters
- IV drip sets
- Syringes
- Blunt fill needles/Caps

Medication Kit

- Please see <http://paramedic.ca/uploaded/web/documents/Appendix-5-Medications-from-NOCP-2011-10-31-English.pdf>. All drugs classes are listed. Drugs that are within that ACP column are accepted.

Additional equipment, limited to the ACP scope of practice, is permitted within these kits. It is recommended at minimum to have all the equipment listed above. The goal of the completion is to simulate like you would attend a patient in the real world. Teams that exceed the PAC NOCP ACP scope of practice will be deducted points accordingly.

Equipment Supplied

The PACE 2019 Sim competition committee will provide the equipment listed below to reduce travel costs associated with transport of large/heavy/bulky baggage. Team preferring to bring any of the equipment listed may do so.

- Zoll Monitor/Defibrillator/Pacer/SPO2/ETCO2
- Oxygen tank as well as oxygen delivery devices such as non rebreathe mask, nasal cannula, nebulizer
- Long spine board and straps
- Cervical collars
- Bag-Valve mask with connective tubing
- Thermometer
- Glucometer
- Portable suction device
- Sharps container
- PPE gloves
- Triage tags
- Splints for long bones
- General trauma supplies such as gauze and kling.

Body Substance Isolation and Personal Protective Equipment

The competition will be simulated and evaluated in a similar fashion to a real life call. The expectation is that all personal protective equipment (PPE) and body substance isolation (BSI) will be worn when appropriate during the simulation. This includes gloves and protective eyewear. The only exception will be procedure or N95 masks. The team/member must voice that they are donning their mask and the judges will score it as it is being worn through the sim (even though it is not to be worn). The purpose is for the judges to hear the competing teams.

Competition Overview

Competition Process

The PACE Paramedic Simulation Competition will take place over a two-day period. The initial day will be similar to a round robin format. The second day will be the finals for the top three successful teams advancing.

Day One

The initial 10 teams will complete 2 simulations. These simulations will be performed in a room where only judges and supporting staff will be present. No spectators will be allowed to view these simulations. These simulations will last a total of 18 minutes each.

Ahead of the start time, the judge will provide you with a familiarization of the setting you are going to. For example, the judge will tell you the season, the setting, how far you are away from hospitals, hospital capabilities as well as on scene resources and other resources that would be available to you if you call for them. After the judge describes the setting, the judge will then give you the dispatch information. Upon the last word spoken of the dispatch information, the 18 minute clock will start. The team will have 3 minutes to deliberate between them and come up with a plan if they chose to do so. This is to simulate the time from dispatch and driving to the scene. At the end of the three minutes, the team will be introduced into the room where the simulation will take place and 15 more minutes will be given to the team to accomplish the task. A 2 minute warning will be given to the team prior to the time expiring.

The 2 scenarios will be held in an identical fashion. After all teams have completed their two scenarios and the judges have deliberated, the top 3 teams will be announced to compete in the following day's finals.

Day Two

Day two will be held in the late morning and early afternoon and will be considered the finals. All prior points accumulated during the previous day's events will reset to zero, simulating a playoff format. This simulation will be held on the Paramedic Market stage and open to spectators attending the PACE 2019 conference. Audio and visual equipment will be utilised for audience appreciation.

The finals will come down to one final simulation. Similar to the first day's competition, there will be a judge providing you with a setting, followed by your dispatch information. Once that last word is spoken of your dispatch information, the clock will start. For the final sim you will have 4 minutes before you arrive to the scene simulating your response time. During that time, teams can deliberate and plan for the sim. Once the 4 minutes is complete, you will be introduced into the scenario. You will then have 20 minutes to work through the case.

The competition winners will be announced at the evening gala dinner.

Scoring of the Competition

Scoring for the competition will be provided by designated judges. The same judges will be present for all the same scenarios as to provide consistency in scoring. Scoring will be done on a points basis. Full, partial or no points will be provided accordingly for all assessments and tasks performed. The scoring sheets will not be provided or seen by the competing teams.