
PediatricSimulationGames 6.0

Program and organizing manual

Latina 4th - 7th September 2024



6th edition of the PediatricSimulationGames

Given the success of the previous editions of the PediatricSimulationGames, the Latina campus of Sapienza University of Rome will organize the 2024 edition of the Games again this year. The PediatricSimulationGames are now a stable event dedicated to residents of pediatric schools aimed at acquiring the latest knowledge in the field of emergency pediatrics. .

The 6th edition of the PediatricSimulationGames will be held in Latina, between the 4th and 7th of September 2024.

Because of its training and educational purpose in the field of pediatric emergency care, it is preferable that the team be composed of residents from the first three years of the course

The mood will be 'learning to play' and 'playing to learn'.

Learning to play: in a friendly but highly technical competition, as in the last edition we will have an international jury composed of four major figures of the global Pediatric Emergency Care, that will handle the education debriefings at the end of each session. Even more judges could be invited according to the number of international teams participating.

Playing to learn: we know from the evaluation they completed that the residents started studying a long time before the event and have continued studying even after the Games, preparing for next edition in order to improve and compete.

Also, this year's games will be enriched by the special **"the torchbearer of the PSGs"** awards, which will be given to the teams that, based on the jury's judgment, have distinguished themselves by:

- **the best teamwork**
- **the best management of CPR**
- **the best airway management**

To allow each team to play more, the Games will consist of four rounds, which will compete in simulated emergency pediatrics for three days in a row. At the end of the rounds, there will be a final between the top 4 teams. If there are more than 32 teams, a new round will be organized for every 8 new teams.

Application to the Games will be open from February 15th to 15th April according to the rules of this manual.

Riccardo Lubrano

Italian Organising Committee

Lubrano Riccardo

Fabio Midulla

Alberto Villani

Raffaele Falsaperla

Sebastian Cristaldi

Enzo Tipo

Pietro Pavone

Francesco Carlomagno

Adolfo Mazzeo

Anna Maria Staiano

Giovanni Corsello

Egidio Barbi

Corrado Cecchetti

Vanessa Martucci

Paola Papoff

Antonio Vitale

Renato Cutrera

Edoardo Ponticello

Jury

The jury will be composed of four colleagues, renowned for their educational experience on simulations regarding the critical child management:

- **Prof.ssa Monika Kleinman:** Boston Children's Hospital
 - **Prof Allan R de Caen:** Stollery Children's Hospital Edmonton
 - **Prof Marc Berg:** Stanford University
 - **Prof Vinay Nadkarni** Children Hospital of Philadelphia
 - **Prof.ssa Elizabeth Sanseau.** Children Hospital of Philadelphia
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Teams composition

- Every team will be formed of six members to recreate a reanimation team. It would be convenient to have two addition members, to act as reserve.
- **Preferably, each team should consist of residents from the first three years of the course**
- Only one team for residency program can participate.
- Maximum 30 teams from Italy will be accepted.
- Maximum 6 teams from other countries will be accepted.

Application

Application must be sent from February 15th to 15th April, completing this Google Form:

<https://docs.google.com/forms/d/e/1FAIpQLSftjLVXLissIeziJdmxXZrEYRLxWtNyk8qOnafYp9xL4aLDg/viewform>

Once the form is filled out, each team must submit by May 1 :

- a picture of the team
- the team logo
- their university's logo
- a semi-serious video made by the team with the collaboration of the school's residents that illustrates a day of intense work by their pediatric resuscitation team

to the following email account:

riccardo.lubrano@uniroma1.it

Queries regarding the Games can also be sent to this account.

Costs

Subscription of the Games and the party for the last night and will be free of charge for the participants, as it will be paid by the organizers.

The participants will have to pay for the trip, accommodation and food.

Textbook suggested

PALS AHA - PALS Provider Manual
(purchasable at Laerdal)

The pre-order for the book purchase may be submitted during the application process within the same Google Form. The pre-order requests will be communicated to Laerdal.

It is advisable to purchase the paperback edition of the book, which is available both in English and Italian (the English version is recommended).

Evaluation of the teams

The evaluation of the teams during the Games will be performed according to the AHA guidelines of the reanimation team. The methodology is detailed in the textbook 'PALS AHA Instructor Manual', (purchasable at Laerdal).

Languages

English – Italian.

Timetable

	Deadline
Application	February 15 th to April 15th
Sending:	
Photo of team members*	May 1th
Presentation video*	May 1th
The team Logo*	May 1th
Beginnings of the games	September 4th

* **Sending the presentation video, the picture of the team and the team logo to: riccardo.lubrano@uniroma1.it**

Games scenarios

- 1) Drugs intoxications
 - 2) Allergic reactions
 - 3) Respiratory arrest
 - 4) Respiratory failure
 - 5) Respiratory distress
 - 6) Pneumonia
 - 7) High airway obstruction
 - 8) Low airway obstruction (Asthma, Bronchiolitis)
 - 9) Central breathing disorders
 - 10) Hypovolemic shock
 - 11) Septic shock
 - 12) Cardiogenic shock
 - 13) Obstructive shock
 - 14) Cardiac arrest, asystole
 - 15) Cardiac arrest, PEA
 - 16) Cardiac arrest, VF
 - 17) Cardiac arrest, pulseless VT
 - 18) Stable tachyarrhythmia
 - 19) Unstable tachyarrhythmia
 - 20) Bradycardia
 - 21) Status epilepticus
 - 22) Seizures
 - 23) Hyperkalemia
 - 24) Hypokalemia
 - 25) Hypernatremia
 - 26) Hyponatremia
 - 27) Diabetic Ketoacidosis
 - 28) Traumatic brain injury
 - 29) Anaphylaxis
 - 30) Hypoglycemia
 - 31) Dehydration
 - 32) Rare diseases in the ER
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Preliminary program

Wednesday: 4th of September

- 09.00 -11.00 Participants welcoming and registration
- 11.00 -14.00 CME for the team
- 14.00 -15.00 Authorities introduction
- Rector of Sapienza University of Rome
- Medical Chief Officer of Latina ASL
- Dean of the Medical School of Sapienza in Latina
- Director of the Residency Program of Pediatrics
- Members of the jury
- President of the province of Latina
- Mayor of Latina
- Presidents of italian society of pediatrics
- 15.00 - 16.00 Drawing of the teams
- 14.00 - 18.00 Familiarization with mannequins and pediatric emergency rooms

Thursday: 5th of September

- 09.00 - 13.00 1st round of scenarios
- 14.00 - 18.00 2nd round of scenarios

Friday: 6th of September

- 09.00 - 13.00 3rd round of scenarios
- 14.00 - 18.00 4th round of scenarios
- 21.00 *Party*

Saturday: 7th of September

- 09.00 - 13.00 5th round of scenarios
- 14.00 - 18.00 Semi-finals, finals
- 18.30 Winners proclamation and closure of the games
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Games Organization

- After the drawing, each team will be assigned in a pediatric emergency room
 - Each pediatric emergency room will be assigned 8 teams
 - Each team will play 7 rounds during the 3 days
 - For each victory, the team will get 1 point
 - At the end of the 7 rounds, the team with the highest amount of points will compete in the finals.
 - **All sessions of the games can be followed online by logging on to the website: <https://www.pediatricsimulationgames.it>**
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Organization model

I. Round

Team a - Team b
Team c - Team h
Team d - Team g
Team f - Team e

II. Round

Team b - Team f
Team e - Team d
Team g - Team c
Team h - Team a

III. Round

Team c - Team e
Team d - Team b
Team f - Team a
Team g - Team h

IV. Round

Team a - Team d
Team b - Team c
Team e - Team g
Team h - Team f

V. Round

Team c - Team a
Team d - Team f
Team e - Team h
Team g - Team b

Place of the Games

The games will be set in the 'Istituto Vittorio Veneto Salvemini' of Latina in Viale Mazzini 4, 04100 Latina.

On the website, it is possible to find the indications on how to reach the school.

<https://www.itcvittoriovenetosalvemini.edu.it/index.php/it/1-istituto/dove-siamo>

