

# PediatricSimulationGames 4.0

Programm and organizing Manual

Latina 6th - 9th September 2022



## Regulations for prevention of the spread of Coronavirus infection

All participants are required to:

- Possess a valid green pass or other vaccination record
- Be ready to show proof of a negative COVID-19 swab test taken within 48 hours from the start of the games
- Regulations are subject to change based on updates by the Italian COVID-19 Scientific Committee

**As part of the event**, teams are required to submit a quasi-serious video of themselves singing by May 1st. Classical, opera, and other theatrical songs are appreciated, especially if sung by all the residents of the entire School of Pediatrics, and not only by the teammembers themselves. Judges of the jury will be selecting the best performance.

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This year, as the control over the COVID-19 pandemic has been progressively improving, we hope it will be possible to resume our annual PediatricSimulationGames event for the Pediatrics residents.

Considering the success of the PediatricSimulationGames, this year Sapienza University of Rome will organize the 2022 edition of the Games. The PediatricSimulationGames will become a fixed appointment in the educational program of Sapienza University of Rome.

The novelty of 2022 will be the participation of universities coming from other countries. The Games will be held in Latina, between the 6th and 9th of September.

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.

To allow every team to play more, the Games will be composed of four rounds, playing for four days in a row. At the end of the rounds, there will be a final between the winners of each round. If there will be more than 32 teams, we will set up a new round every 8 new teams.

Application to the Games will be open from January 15<sup>th</sup> to 15<sup>th</sup> Mars according to the rules of this manual.

Riccardo Lubrano

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## Italian Organising Committee

Lubrano Riccardo

Fabio Midulla

Alberto Villani

Raffaele Falsaperla

Stefania Zampogna

Paola Papoff

Antonio Vitale

Renato Cutrera

Anna Maria Staiano

Giovanni Corsello

Egidio Barbi

Corrado Cecchetti

Enzo Tipo

Pietro Pavone

Francesco Carlomagno

Adolfo Mazzeo

## 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 Amelia Reis:** Università di San Paolo del Brasile
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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.
- Members of each team must be pediatric residents who have at least completed their first academic year of residency.
- 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 January 15<sup>th</sup> to 15<sup>th</sup> Mars, completing this Google Form:

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

Once completed the form, every team will have until May 15<sup>th</sup> to **send a picture of the team and their logo** to the following email account:

[riccardo.lubrano@uniroma1.it](mailto: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.

## Accommodation

We will soon communicate the partnerships that we are trying to organize with hotels of the city to favor teams' accommodation.

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## 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 resuscitation team. The methodology is detailed in the textbook 'PALS AHA Instructor Manual', (purchasable at Laerdal).

## Languages

English – Italian.

## Timetable

	Time
Application	January 15 th - March 15th
Chorus video shipping	by the 1st of May
Sending the team Logo and picture*	by May 15th
Beginnings of the games	6th September

\* **Sending the video and the team logo to:** [riccardo.lubrano@uniroma1.it](mailto:riccardo.lubrano@uniroma1.it)

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## 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

### Tuesday: 6th of September

- 09.00 - 11.00 Participants welcoming
- 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  
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

### Wednesday: 7th of September

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

### Thursday: 8th of September

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

### Friday: 9th 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 pediatria emergency room
  - In each house there will be 8 reanimation 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 of the house 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

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## 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.gov.i>

