



SAPIENZA
UNIVERSITÀ DI ROMA

PediatricSimulationGames 4.0

Organizing Manual

Latina 8th - 12th September 2020





Considering the success of the PediatricSimulationGames, this year Sapienza University of Rome will organize the 2020 edition of the Games together with SIMEUP, SIP, AHA, ONSP and CEQUAM. The PediatricSimulationGames will become a fixed appointment in the educational program of Sapienza University of Rome.

The novelty of 2020 will be the participation of universities coming from other countries.

The Games will be held in Latina, between the 8th and 12th 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 December 15th to 8th Mars according to the rules of this manual.

The 2020 Games will be patronized by several scientific societies, including the SIP, SIMEUP. Because of the new interest manifested, this year we will also have the American Heart Association and the European Society for Emergency Medicine.

Additionally, the Games will be patronized by the Municipality of Latina and the Province of Latina, that provided the structure in which the Games will be held, the Technical Institute 'Vittorio Veneto'. The Association ONLUS nuovArmonia will also patronize the event.

Riccardo Lubrano



Italian Organising Committee

Lubrano Riccardo

Gianluigi Marseglia

Giovanni Corsello

Giuliano Bertazzoni

Egidio Barbi

Stefania Zampogna

Paola Papoff

Corrado Cecchetti

Pietro Pavone

Gianni Messi

Renato Cutrera

Adolfo Mazzeo

Marzia Duse

Alberto Villani

Raffaele Falsaperla

Stefano Masi

Antonio Vitale

Liviana Da Dalt

Antonio Urbino

Nicola Pirozzi

Antonio Vitale

Enzo Tipo

Niccolò Parri

Margherita Medugno

Jury

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

- | | |
|--------------------------------|---------------------------------------|
| - Prof 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 |
| - Amelia Reis. | Università di San Paolo del Brasile |

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.
- The members of each team must be Pediatric residents, completing their first residency program.
- Only one team for residency program can participate.
- Since the games will be held in September, residents finishing their program during July 2020 will be allowed to participate.
- Maximum 32 teams from Italy will be accepted.
- Maximum 16 teams from other countries will be accepted.

Application

Application must be sent by 8th, March at 23.59, completing this Google Form:

<https://docs.google.com/forms/d/1JmstLvTIHhax7DXJ2DjYbYpzWkPU-9WvbJZBCW5iXKg/prefill>

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

riccardo.lubrano@uniroma1.it

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

Costs

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

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

Accommodation

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



Training sessions

(only for Italian teams)

How to prepare for the Pediatric Games 2020?

- At the SimLab Laerdal in Bologna. Registration and payment takes place through PentaEventi, email info@pentaeventi.com ; tel. 06-5491195 - contact person Giada Chiari:
 - With your tutor, every Tuesday and Thursday from 10:30 to 16:30 with a 50-minute lunch break (max) in the months of June and July. The cost for this service is € 200.00 + VAT (6-8 people maximum, including tutor)
 - With the Laerdal tutor, every Wednesday from 10:30 to 16:30 with a 50-minute lunch break (max) in the months of June and July. The cost in this case will be € 680.00 + VAT (6-8 people maximum). Also in English.
- At your school in Italy. Information can be requested through laerdal.italy@laerdal.com
- Between March and June it is possible to rent the simulator and equipment for 2 consecutive days. The cost will be € 1,800 + VAT, transport and charges included.

Subscription to the training sessions can be made contacting PentaEventi either on telephone number 0645491195 or on the email info@pentaeventi.com.

The payment will be done directly with PentaEventi.

The address of SimLab is:

Laerdal Medical AS
Bologna, Via della Beverara 48/3a
40131
Telephone 051355587
20 minutes on foot from the train station (Via Carracci)

Textbook suggested

PALS AHA - 15-1058 PALS Provider Manual
(purchasable at Laerdal)



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).

For tutors

In April, we will organize a reunion with the tutors to make clear the methodology of evaluation used during the Games in order to guarantee a good preparation to every participant.

Languages

English – Italian.

Timetable

	Time
Application	December 15th - March 8th
Sending the team Logo and picture*	by May 15th
Beginnings of the games	8th September

* **Sending 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
- 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) Cranial trauma
- 29) Anaphylaxis
- 30) Hypoglycemia
- 31) Dehydration
- 32) Rare diseases in the ER

Preliminary program

Tuesday: 8th of September

09.00 - 10.00	Participants welcoming
10.00 - 11.00	Drawing of the teams in the houses
11.00 - 12.00	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 the Pediatric scientific societies
12.00 - 12.20	Lectio magistralis
14.00 - 18.00	Scientific conference on simulation

Wednesday: 9th of September

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

Thursday: 10th of September

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

Friday: 11th of September

09.00 - 13.00	5th round of scenarios
14.00 - 18.00	6th round of scenarios

21.00 **Party**

Saturday: 12th of September

09.00 - 13.00	7th round of scenarios
14.00 - 18.00	Semi-finals, finals
18.30	Winners proclamation and closure of the games



Games Organization

- After the drawing, each team will be assigned in a house
 - In each house there will be 8 reanimation teams
 - Each team will play 7 rounds during the 4 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.
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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

VI. Round

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

VII. Round

Team c - Team d
Team e - Team a
Team g - Team f
Team h - 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.gov.it>

