

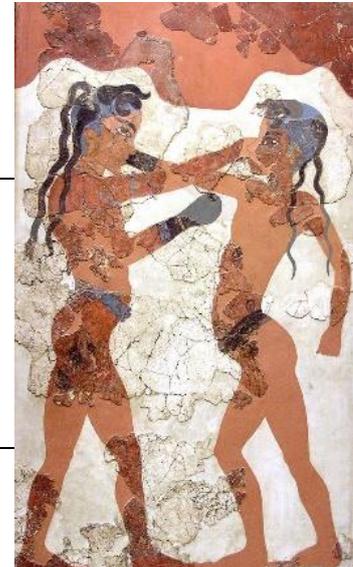


SUMMER SCHOOLS,
MEDICAL SCHOOL
UNIVERSITY OF CRETE



Title of Summer School:

**CHILD AND SPORT SAFETY:
BASIC CARDIAC AND GENERAL HEALTH EVALUATION**



Scientific coordinator:

Ioannis Germanakis,
Assoc. Professor of Pediatrics-Pediatric Cardiology
Faculty of Medicine, University of Crete

Coordinating Department / Laboratory:

Medical School University of Crete

General Description.

Preparticipation screening refers to the medical evaluation of athletes for detecting (screening) medical conditions associated with increased health risk during sport participation and appropriate referral of suspected cases for detailed confirmatory diagnosis. Preparticipation screening is based on medical history and physical evaluation performed by primary health care physicians. In contrast to well established recommendations for preparticipation screening for adult athletes, focusing mainly on cardiac screening, the preparticipation evaluation of children is challenging: not only the etiology and manifestation of pediatric heart disease differs from adults but further health issues which can affect their safe sport participation including neurology, pulmonology, endocrinology, orthopedic, ophthalmology, genetic etc health issues have to be detected. Furthermore, safe sport participation has to take into account the physical growth and psychosocial development stage children, supporting the joyful participation in a variety of recreational sports over competitive high intensity sports.

The summer school aims to present the principles of basic cardiac (including cardiac auscultation and pediatric electrocardiogram interpretation) as well as general health assessment during preparticipation screening for children participating in school and organized sports.

2 ECTS (European Credit Transfer and Accumulation System) Credits will be awarded.

WEB SITE:

<https://studyingreece.edu.gr/summer-school-on-child-and-sport-safety/>

<https://studyingreece.edu.gr/short-term-courses/>

Purpose of Training (What will the trainees have learned at the end of the course):

Participant will acquire basic theoretical knowledge and develop appropriate clinical skills in

1. Pediatric Cardiac Auscultation, differentiating innocent from abnormal heart sounds
2. Basic Knowledge of pediatric electrocardiogram interpretation
3. Personal and Family History regarding pediatric heart diseases
4. Detecting symptoms and signs of a variety of further health issues potentially affecting safe sport participation in childhood, including neurology, pulmonology, orthopedic, endocrinology etc
5. Knowledge of the importance of safe sport participation for all children, in sports appropriate for their developmental stage, interests and underlying health conditions

Who is it for (pre-graduate: pre-clinical or clinical, postgraduate, PhD level):

Medical and medical profession students –advanced level preferred (preferably having successfully attended preclinical pediatrics, cardiology, pulmonology, as a minimum).

Postgraduate level, including master degree, PhD students of **medicine, medical professions or sports fields**.

Primary health care **physicians**, active in basic preparticipation screening including children (pediatricians, general physicians, cardiologists)

Duration / location (1-4 weeks, how many cycles, dates of each cycle, places of training):

4 Day- course (blended learning, synchronous interactive e-learning (12th afternoon, 13th morning) and hands on interactive multimedia based workshops (2nd-4th day) **Postgraduate Amphitheater, School of Medicine, University of Crete, Greece, Voutes, Heraklion, Crete.**

Scientific-Organizing Committee:

Ioannis Germanakis, Associate Professor

Emmanouil Paraskakis, Associate Professor

Emmanouil Galanakis, Professor

Educators:

Ioannis Germanakis (Assoc. Prof. UOC), Pediatric Cardiology

Emmanouil Paraskakis (Assoc. Prof. UOC), Pediatric Pulmonology

Rozalia Dimitriou (Assist. Prof. UOC), Pediatric Orthopedics

Maria Bitsori (MD, PhD, UOC), Pediatric Nephrology

Stavroula Iliia (Assist. Prof. UOC), Pediatric Intensive Care Unit

Thomas Vrekousis (Assist Prof. UOC), Obstetrics-Gynecology

Maria Raisaki (Assoc Prof UOC), Paediatric Radiology*

Maniadaki Ilianna (MD, PhD, Consultant PaGNH), Pediatric Endocrinology*

Lioudaki Marilia (MD, PhD, Consultant Univ.Hosp.Heraklion), Pediatric Diabetes
Giannakopoulou Aikaterini (MD,PhD), Consultant Pediatric Cardiology, Univ. Hosp. Agia Sofia
Anagnostopoulou Andriana (MD), Consultant Pediatric Cardiology, Univ. Hosp. Agia Sofia
Katzilakis Nikolaos (MD,PhD, Consultant Univ. Hosp. Heraklion), Pediatric Hematology-Onc
Plainis Sotirios, MSc, PhD, FBCLA
Perdikogianni Chrysoula, Assist. Professor of Pediatrics
Vergadi Eleni, Assist. Prof. of Pediatrics
Papagiannis Ioannis (MD, PhD), Director, Pediatric and Adult CHD Dpt, Onassis Cardiac
Center. *
Vlahos Antonios (Prof. University of Ioannina), Pediatric Cardiology
Papadopoulou-Legbelou Kiriaki (Assoc. Prof. University of Thessaloniki), Pediatric Cardiology
Karatza Ageliki (Prof. University of Patras), Pediatric Cardiology
Drakonaki Elena, Assist Professor, Dpt of Anatomy UOC

Preliminary educational program (detailed by day):

Wednesday July 12th -Synchronous e-learning lectures (Physical Presence not required)

15.00-16.00 Introduction -What sport for which child
16.00-16.20 Pediatric Pulmonology and sports*
16.20-16.40 Pediatric Orthopedics and sports (30min)*
16.40-17.00 Pediatric Neurology and sports*
17.00-17.20 Pediatric Nephrology and sports *
17.20-17.40 Pediatric Endocrinology and sports * (30 min)
17.40-18.00 The female athlete *
18.00-18.20 Contusions and brain injury in sports*
18.20-18.40 Imaging sport injuries in children*
18.40-19.00 First aid in pediatric sports* (30 min)
19.00-19.20 Ophthalmology and sports *
19.20-19.40 Diabetes and sports*
19.40-20.00 Infectious control and sports *
20.00-20.20 Pediatric Rheumatology and sports *
20.20-20.40 Pediatric Hematology-Oncology and Sports*

20.40-21.00 US guided interventions in pediatric athletes*

Thursday July 13th -Interactive Workshop- School of Medicine UOC

10.00-12.00 Pediatric Cardiology and Sports- Synchronous e-learning course

10.00-10.20 Child vs adult heart disease: differences

10.20-10.40 Channelopathies and cardiomyopathy, epidemiology (Bagaki)

10.40-11.00 Extrasystolic arrhythmia and sports (Giannakopoulou) *

11.00-11.30 Arrhythmogenic heart disease and sports (Papagianis)*

11.20-11.40 Syncope and sports (Vlahos)*

11.40-12.00 Kawasaki Disease and sports (Papadopoulou-Legbelou)*

12.00-12.20 Myocarditis and Sports (Anagnostopoulou)*

12.20-12.40 Marfan Syndrome and Sports

12.40-13.00 Congenital Heart Disease and Sports (Karatza)*

15.00-19.00 Pediatric Electrocardiogram Workshop

Friday July 14th Interactive Multimedia Workshop-School of Medicine UOC

15.00-19.00 Pediatric Cardiac Auscultation (Digital Phonocardiography) Workshop I

Saturday July 15th Interactive Multimedia Workshop-School of Medicine UOC

9.00-13.00 Pediatric Cardiac Auscultation (Digital Phonocardiography) Workshop II

15.00-16.00 **Certification Exams**-Clinical Skills

16.00-17.00 Certification Exams –Theory –Course Validation

Student selection process (maximum number of students, evaluation criteria):

Maximum 30

Level of English proficiency, CV, motivation letter should be submitted

Evaluation by the scientific committee

Application procedure:

Online application (E mail to: julietaperezq@hotmail.com cc yannis.germanakis@gmail.com)

Final Deadline: July 5th 2023

Tuition costs per participant:

150 Euro per participant.

Additional comments:

Accommodation, subsistence, personal insurance and travel cost are not included in the tuition fees; The University of Crete, Erasmus office can be contacted for any inquiry regarding incoming student accommodation while the coordinator will be delighted to assist incoming students for anything they might need through direct contact (E mail to :

julietaperezg@hotmail.com cc to yannis.germanakis@gmail.com