



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ
UNIVERSITY OF CRETE



Child and Sport Safety

Basic Cardiac and General Health
Evaluation

Winter School

NOVEMBER 4-9 2024



E-learning course | University of Crete | School of Medicine Heraklion Crete



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 winter 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.