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## *I-TRAIN PLATFORM*

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### **WHAT**

iTrain is a web platform for remote training in IMAGING, to improve participants' skills in interpreting images, performing the evaluation (measures and interpretations) of REAL CLINICAL CASES, by means of the COMPARISON of the answer provided by participants to questions related to the cases.

### **WHO**

The platform is intended for PROFESSIONALS in imaging and signals with the aim to build a COMMUNITY where everyone can improve own skill by the comparison of their interpretations with the others.

The programs are built on real clinical cases and coordinated by EXPERTS on the topics. The COORDINATOR TEAM do not provide an evaluation but it coordinate the execution of the programs and guarantee the statistical analysis for the automatic evaluation.

### **WHEN**

The programs are developed with the goal to provide to the professional a CONTINUOUS TRAINING by means of PERIODIC ON LINE EXERCISES on real cases. The platform is a tool to support, over the time, the professionals in their everyday activity.

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## *AVAILABLE PROGRAMES*

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### **TRANSTHORACIC ECHOCARDIOGRAPHY**

Transthoracic echocardiography is an imaging technique that allows an accurate evaluation of cardiac structure and function. Its unsurpassed wide availability, low cost, excellent diagnostic yield may be limited...

### **CONGENITAL HEART DISEASE ECHOCARDIOGRAPHY**

Echocardiography is the primary imaging modality for the diagnosis of congenital heart disease but requires specific skill and knowledge. The goal of this basic course is to improve knowledge of physicians who perform echocardiograms in neonates and children. The learning session will consist in theoretic and practical evaluation of cardiac morphology and physiology in healthy children and in children with CHD including complex defects. The training session will consist in systematic sequential examination of the most common congenital heart diseases. Evaluation tests with questions and multiple answers will assess the level of learning. The subscription to the programme is free thanks

## STRESS ECHOCARDIOGRAPHY

Stress echocardiography is the combination of 2D echocardiography with a physical, pharmacological or electrical stress. The diagnostic end point for the detection of myocardial ischemia is the induction of a transient worsening in regional function during stress. Stress echocardiography provides similar diagnostic and prognostic accuracy as radionuclide stress perfusion imaging, but at a substantially lower cost, without environmental impact, and with no biohazards for the patient and the physician. Interpretation of stress echocardiography requires extensive experience in echocardiography and should be performed only by physicians with specific training in the technique. The basic skills required for imaging the heart under resting conditions are not substantially different from those required for imaging the same heart during stress. The programme is designed to assess the potential reasons for reading variability and suboptimal interpretations through real life clinical cases. The subscription to the programme is free thanks to the AdriHealthMob, a project co-funded by the European Union, Instrument for Pre-Accession Assistance (IPA). to the AdriHealthMob, a project co-funded by the European Union, Instrument for Pre-Accession Assistance (IPA).