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PRESS RELEASE

MITERA Pediatric Cardiology Clinic: 5-fold less radiation in the treatment of pediatric arrhythmias

The use of radiation in the treatment of pediatric arrhythmias is limited to the minimum, based on the new method applied by the **Electrophysiology Laboratory** of the Pediatric Cardiology Clinic of **MITERA Children's Hospital**, the only fully equipped Center in Greece for the treatment of pediatric arrhythmias.

The Pediatric Cardiology Department of MITERA Children's Hospital was represented this year in the Pan European Pediatric Cardiology Conference with a paper regarding **a particularly significant progress registered in invasive cardiac-electrophysiology.**

As stated at the conference by the Director of the Pediatric Cardiology Clinic, in charge of MITERA Pediatric Clinic Electrophysiology Laboratory, Mr. Ioannis Papagiannis, 'The treatment of pediatric arrhythmias with catheterization has marked a huge progress'. Until recently however, such interventions required a high radiation dose, arousing concern as to future possible complications. With the new method, catheterization inside the heart is depicted three-dimensionally with the aid of harmless electromagnetic waves reducing by fivefold the average of ionizing radiation compared to the classical radiosopic method. In some cases, radiation tends even to be zeroed'.

Mr. Papagiannis concluded that 'the method registers a higher success in relation to the classical radiosopic method and is absolutely safe in the treatment of arrhythmias in children'.