

374.00

ECHOCARDIOGRAPHY - A BIG WINDOW IN CHILDREN'S HEART

M.I. Kelmendi, R.H. Bejqi

University Children's Hospital, Prishtina, Albania
drmyrvete@yahoo.com

Pediatric echocardiography, as a non invasive diagnostic method, with a numerous advantages it has, is near to be an ideal diagnostic procedure and became an necessity of cardiology examination. The aim of this paper is : 1. to present our experience in echocardiography field. Material and methods: In and out patients examined at Prishtina Children's Hospital echo laboratory are included in this study. Age group: from 0 to 16 yrs. Last three years, in our echo laboratory, using Hewlett Packard machine, over six thousands echocardiography examinations have been done. In the diagnostic procedure, other, standard, non-invasive modalities are included. Results: In 2020 children with heart murmur, echocardiography was positive in 1256 of them (62.2%). Most of them, 1156(92.0%) belong to congenital heart disease, while in 100 pts, acquired rheumatic heart disease and mitral valve prolapse was found. Regarding to CHD, all varieties were found: from the simplest (foramen ovale apertum) to complex CHD and inoperable ones. Echocardiography, mostly was sufficient enough for making the indications for cardio-surgery; so, using echocardiography as a diagnostic tool, over hundred fifty cardiology patients have been operated. Echocardiography was also very useful in children's postoperative follow-up. In special cases, echocardiography was also the essential technique for assessing the fetal heart. Conclusion: Echocardiography totally changed pediatric cardiology image in our clinic too and no cardiology examination can be imagined without echocardiographic modalities today. Echocardiography really opened a big window in children's heart.