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## Bicuspid aortic valve- A defect of many clinical presentations and in any age

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**B**icuspid Aortic Valve (BAov) is the most common congenital heart defect (CHD). Its prevalence rises from 0.5-2% of the general population. This unique defect can create a variety of clinical conditions presenting from fetal to late adulthood. The aim of this paper is to highlight the many unique clinical presentations of a BAov. These range from nearby asymptomatic mild valve stenosis of incompetence to coactation of the Aorta, aneurysms, dissections of Ascending Aorta or cerebrovascular vessels and severe double valve disease in any age. The extreme spectrum of it can lead in fetal life in Hypoplastic Left heart Syndrome. BAov is commonly seen in Turner's, William's and Marfan's Syndromes as well as related with VSD's and coronary arteries abnormalities. The paper finally aims to alert the Pediatric Cardiology community on the long life surveillance that individuals with BAov need and address the variety of interventional and surgical techniques that can be used to address the many and in any age clinical presentations of it.

### Biography

Andreas C Petropoulos graduated from Aristotle University's Medical School, Greece in 1989. Following 30 year career as a Medical Officer, he joined as a senior Flight Surgeon in the Hellenic Air-Force. He has specialized in Aviation, Hyperbaric Medicine, Pediatrics, Fetal, Pediatrics and Congenital Cardiology in USA and Europe. He holds MSc in Preventive Cardiology. He is AEPC Prevention Working Group member. He has worked and lectured in Athens and Brussels universities. Currently, he consults in Fetal, Pediatrics, Congenital Cardiology in Merkezi Klinika and is Associate Professor at the State University and Post-graduate at CME Center in Azerbaijan. His research focuses on prevention, CVD imaging techniques, fetal cardiology and heart failure.

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