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Long-term survival in an un-operated single ventricle

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Single ventricle (SV) is a rare and complex congenital heart disease. Neonates with single ventricle have a high mortality. Survival into adulthood is rare without surgical intervention. A case of single ventricle with double inlet and double outlet with severe valvular pulmonary stenosis (peak pressure gradient around 80 mmHg) and mitral regurgitation (Grade-11) is being reported here. A 36 years old man smoker, non-diabetic, normotensive married, grocery shopper was admitted for shortness of breath (SOB) and recurrent palpitation with central cyanosis and clubbing, in the CCU, Mymensingh Medical College on 23rd October 2011. On examination SOB, NYHA class 1V, apex beat, in the left 6th intercostal space (ICS), 10 cm from the mid sternal line. There is an Ejection systolic murmur in the pulmonary area (Grade-3/6) and also Pansystolic murmur in the apex (Grade-2/6). He gave no history of weakness of any part of the body. The patient was treated for heart failure and atrial fibrillation. It is very much un-usual, he is now 42 years with very slowly progression his symptoms, mainly SOB, cyanosis and clubbing. Yet now he maintains his daily sedentary activities with taking help to some extent. He was advised for frequent and long-term follow up but he can't maintain due to very slowly progression of his conditions and also disagree to undergone any cardiac surgical procedure. Exceptionally our case lives into adulthood likely due to balanced hemodynamic condition having pulmonary stenosis.

Biography

Gobinda Kanti Paul has completed his MD Cardiology, from NICVD under BSMMU, January 2008. He has more than 10 publications in different index journal one of the journals is in our medical college, named MMJ. One of his articles was published in *International Journal of Clinical Medicine Research* of AASCIT. He is also a Life Member of Indian Academy of Echocardiography. He has passion for nonintervention cardiology specially echocardiography and preventive cardiology. Currently, he is an Assistant Professor/Consultant Cardiology and Residential Physician in the Mymensingh Medical College and Hospital. He has special interest in rheumatic fever and rheumatic heart disease.

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