Regression of multiple cardiac-rhabodmyomas in infant after sirolimus therapy

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Abstract

Primary cardiac tumors are rare in children, with rhabdomyoma being the most common. It is rarely an isolated finding, and has a strong association with tuberous sclerosis complex (TSC). The clinical manifestations may vary, but most patients are asymptomatic. The complications of cardiac rhabdomyoma (CR) depend on the tumor's location, size, number and degree of invasion of cardiac tissues. Dysrhythmias may occur, the most common of which is supraventricular tachycardia (SVT), especially in those with multiple masses. Although benign and often associated with spontaneous regression, in some circumstances, surgical intervention is recommended when there is sufficient mass effect to adversely affect cardiac output.

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Biography

Jeremiah Claudine Calacal obtained her medical degree at De La Salle Health Sciences Institute Philippines at the age of 23 years. She completed her residency training in Pediatrics in St. Luke's Medical Center – Global City Philippines 2017-2020 and served as the chief resident 2020-2021.