

International Virtual Congress on PEDIATRICS

July 07, 2021 | Webinar

A neonate diagnosed with wolff-parkinson-white syndrome presenting with Cardiogenic shock**SunHyang Lee, GaYoung Park, SungShin Kim***Department of Pediatrics, Soonchunhyang University Bucheon Hospital, Korea*

We present the case of a healthy 28-day-old female full-term neonate who was admitted to the neonatal intensive care unit for severe metabolic acidosis, hypoglycemia, and an initial sinus rhythm. The first diagnostic hypothesis was hypovolemic shock, and fluid resuscitation was started immediately. During fluid therapy, cardiovascular collapse occurred with supraventricular tachycardia. The latter was successfully treated with adenosine and beta-blockers. After eight days, electrocardiography showed ventricular pre-excitation, and Wolff-Parkinson-White syndrome was diagnosed. A novel variant of the MYL2 gene that is related to hypertrophic cardiomyopathy and conduction defect was found after discharge. Cardiogenic shock should be considered, despite being a rare cause of shock in neonates.

Biography

Soonchunhyang University, College of Medicine; 200.3~2006.2

Graduate School of Soonchunhyang University, College of Medicine; 2008.8~2010.8

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