



## **TITLE: Long Covid Syndrome Experienced by Children in West Sumatra, Indonesia**

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### **ABSTRACT**

In several countries, it has been found that people experienced symptoms of COVID-19 even after several weeks or months since they were declared cured or tested negative. This symptom is known as the Long COVID Syndrome. This study aimed to get an overview of the Long COVID Syndrome experienced by children. This study was a cross-sectional study conducted in West Sumatra in August-October 2021. The sample was 214 children younger than 18 years old. The results showed that after more than four weeks, tested positive for COVID-19, 28.5% of children still have respiratory disorders, 26.2% experienced symptoms of sleep disorders, 23.4% of children experienced fatigue, 11.2% of children experienced symptoms of memory disorders, and 8.42% experienced symptoms of digestive disorders. Although not as much as in adults, this study shows that Long COVID Syndrome can also occur in children. The clinical manifestations of Long COVID were varied in symptoms and can occur alone or in combination simultaneously. Parents should continue to optimize their child's time to rest even though they have declared negative for COVID-19 and keep an eye on the symptoms that still appear.

### **BIOGRAPHY**

Mega Utami Basra completed her Master's Degree from Universitas Indonesia and will start her doctoral at the same university this year. She is the secretary and assistant professor in the Bachelor of Public Health Study Program at the Faculty of Public Health, Universitas Andalas, Indonesia. She is a managing editor at the Andalas Journal of Public Health. Her research interests are Public Health, Epidemiology, and Environmental Epidemiology.

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