

# Pediatrics, Pediatric Gastroenterology & Nutrition

**March 23-25, 2017 Orlando, USA****New daily persistent headache with isolated sphenoiditis in children****Eun Sook Suh**

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Isolated sphenoid sinusitis is a rare disease in children, and its symptoms are often nonspecific and confusing. Rarely, severe headache can be the first or only symptom of isolated sphenoid sinusitis. New daily persistent headache (NDPH) is a form of chronic daily headache that may have features of both migraines and tension-type headaches. NDPH is difficult to diagnose and requires a multifaceted approach. Here, we report on a 10-year-old boy and an 11-year-old girl who both presented with typical NDPH symptoms. These patients had no nasal symptoms or signs of infection. Neither non-steroidal anti-inflammatory drugs (NSAIDs) nor topiramate had any effect on the headaches. Their neurological and ophthalmological examinations were normal. The results of routine blood work, including thyroid function tests, inflammatory markers, complete blood count, tests for viral infection, and a metabolic panel, were normal. A brain magnetic resonance imaging (MRI) scan showed isolated sphenoid sinusitis. Both patients' symptoms resolved completely after approximately 1 month of oral antibiotics for sinusitis.

**Biography**

Eun Sook Suh has completed her PhD from Kyungbuk National University. She is the Director of Department of Pediatrics, and Pediatric Neurology of Soonchunhyang University in Korea. She has published more than 50 papers in reputed journals and has been serving as an Editorial Board Member of *Korean Journal of Pediatrics* and *Korean Journal of Child Neurology* for more than 10 years.

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