Ayse Pervanlar, Pediatr Ther 2020, Volume 10

Sandifer's syndrome: Three case reports and review

Ayse Pervanlar

Maltepe University, Turkey

Sandifer's syndrome (SS) was first reported in 1962 as a combination of gastroesophageal reflux disease (GERD) with spastic torticollis and dystonic body movements with or without hiatal hernia occuring in children and adolescents. Although the true pathophysiological mechanisms of the condition are still unclear, it's hypothesised that the position of the head provides relief from acid reflux.

Case Presentations: A 3 month old female infant presented to our polyclinic with dystonic episodes accompanying duration of 30s-1min during feeding associated with vomiting for 2 months. Since the patient developed regurgitations with dystonic episodes which were followed by long lasting crying attacks the milestones of motor and mental development were normal. The EEG and MRI were normal. We had two similar cases in our polyclinic.

Conclusion: The early diagnosis and treatment of GERD in patients with SS enhance the success of medical management. In our cases to diagnose we based on typical clinical features and on response to medical treatment with antacids and prokinetics. The paroxysmal dystonic features dramatically resolved completely after anti reflux treatment in our patients. Few reports of SS exist yet it is probably underrecognised and mistreated it might be on the interest to the scientific community.

Key words: Sandifer syndrome, Gastroesophageal reflux, Dystonia

Biography

Ayse Pervanlar has graduated as MD at the age of 25 years from Karadeniz Technical University Faculty of Medicine. She has worked in the Trabzon of State Hospital Emergency Department as a general practitioner between November 2012 and September 2013 and in Istanbul Medeniyet University as a family medicine resident between September 2013 and April 2016. She has started pediatric residency in Maltepe University Faculty of Medicine in April 2016 and she is currently a pediatric resident in Maltepe University Faculty of Medicine.