

2nd EURASIAN RESPIRATORY & ALLERGY SUMMIT

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Budva, MONTENEGRO

Hotel Splendid Conference and Spa Resort

21-24 September 2017



Congress Book

PEDIATRIC ALLERGY & GASTROESOPHAGEAL REFLUX– PARALLEL SESSION 8*23.09.2017 12:00-13:00 Hall: B*

Is There A Causal Relationship Between Intussusception And Food Allergy?Emrah Aydın, Ömer Faruk Beşer, Esra Özek, Soner Sazak, Ensar Duras, *TURKEY*

Aim: There are few case reports regarding the relation between intussusception and lymphoid hyperplasia because of food allergy, which are common problems in childhood. The aim of this study is to demonstrate the incidence and type of food allergy in intussusception and the factors determine these.

Method: Patients diagnosed as intussusception by the Brighton Collaboration Intussusception Working Group criteria were further investigated for food allergy per the ESPGHAN Guideline. They were analyzed per demographic features, clinical, physical and laboratory findings.

Results: There were 8 (38.1%) patients diagnosed with food allergy while 13 (61.9%) patients were non-allergic. The mean number of days of presenting symptoms was 1.13 days in allergy group and 7.85 days in the non-allergy group. The mean number of intussusception attacks in allergy group was 1.63 while 1 in the non-allergy group. ($p < 0.05$, relative risk 2.6) In the allergy group, 1 (13%) patient was followed up, 6 (75%) patients were reduced with pneumotic and 1 (13%) patient reduced manually. In the non-allergy group, 4 (31%) patients were followed up, 6 (46%) patients were reduced with pneumotic, 1 (7%) patient reduced manually and resection anastomosis was performed in 2 (15%) patients.

Conclusion: Besides the known causes of intussusception, this study demonstrates food allergy as an etiologic factor, especially in recurrent intussusception.

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