ESPGHAN 54th ANNUAL MEETING

of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition

Abstracts

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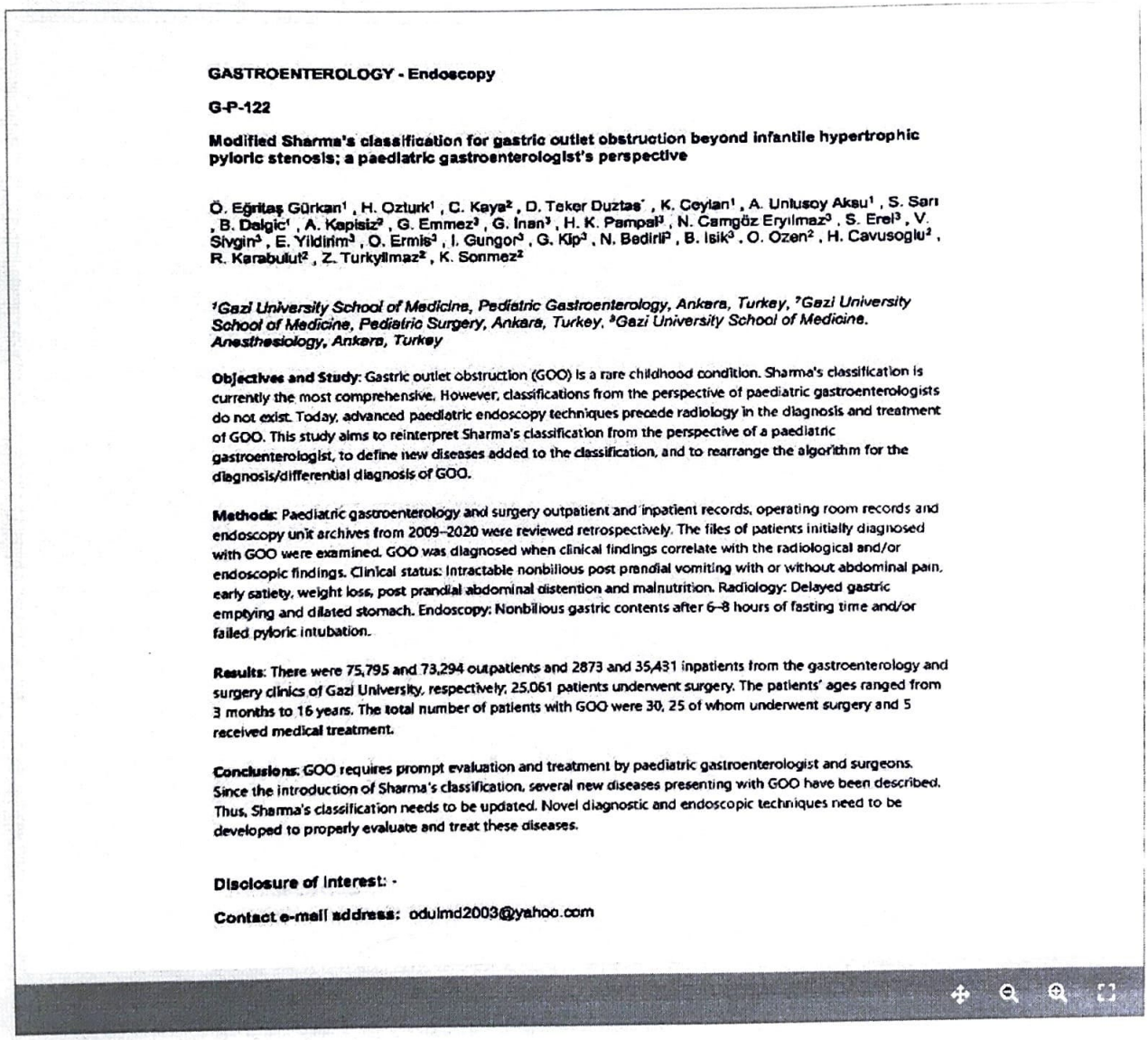
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Modified Sharma's classification for gastric outlet obstruction beyond infantile hypertrophic pyloric stenosis; a paediatric gastroenterologist's perspective

Abstract #435

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GASTROENTEROLOGY - Endoscopy

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Modified Sharma's classification for gastric outlet obstruction beyond infantile hypertrophic pyloric stenosis; a paediatric gastroenterologist's perspective

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Objectives and Study: Gastric outlet obstruction (GOO) is a rare childhood condition. Sharma's classification is currently the most comprehensive. However, classifications from the perspective of paediatric gastroenterologists do not exist. Today, advanced paediatric endoscopy techniques precede radiology in the diagnosis and treatment of GOO. This study aims to reinterpret Sharma's classification from the perspective of a paediatric gastroenterologist, to define new diseases added to the classification, and to rearrange the algorithm for the diagnosis/differential diagnosis of GOO.

Methods: Paediatric gastroenterology and surgery outpatient and inpatient records, operating room records and endoscopy unit archives from 2009–2020 were reviewed retrospectively. The files of patients initially diagnosed with GOO were examined. GOO was diagnosed when clinical findings correlate with the radiological and/or endoscopic findings. Clinical status: Intractable nonbilious post prandial vomiting with or without abdominal pain, early satiety, weight loss, post prandial abdominal distention and malnutrition. Radiology: Delayed gastric emptying and dilated stomach. Endoscopy: Nonbilious gastric contents after 6–8 hours of fasting time and/or failed pyloric intubation.

Results: There were 75,795 and 73,294 outpatients and 2873 and 35,431 inpatients from the gastroenterology and surgery clinics of Gazi University, respectively; 25,061 patients underwent surgery. The patients' ages ranged from 3 months to 16 years. The total number of patients with GOO were 30; 25 of whom underwent surgery and 5 received medical treatment.

Conclusions: GOO requires prompt evaluation and treatment by paediatric gastroenterologist and surgeons. Since the introduction of Sharma's classification, several new diseases presenting with GOO have been described. Thus, Sharma's classification needs to be updated. Novel diagnostic and endoscopic techniques need to be developed to properly evaluate and treat these diseases.

Disclosure of Interest: -

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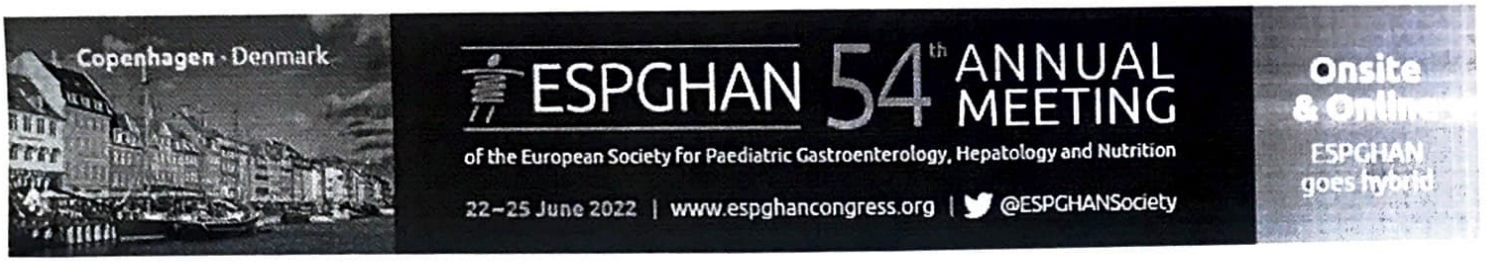
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Questions & Comments

There is no comment.

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Confirmation of Participation

Herewith is being certified that

Ödül Eğritaş Gürkan

participated in

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S. Kolaček

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