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Comparison of kruis, manning and rome iv criteria in irritable bowel syndrome

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Irritable Bowel Syndrome (IBS) is a functional disorder of the gastrointestinal tract characterized by chronic abdominal pain, cramping, constipation, and diarrhea. Manning criteria, Kruis criteria and Rome IV criteria have shown that certain symptoms derived from a 15-items questionnaire differentiated patients with Irritable Bowel Syndrome (IBS) from patients with organic diseases. The purpose of the study is to find out the reliability and discriminatory value of the Manning criteria, Kruis criteria and Rome IV criteria in the differentiation of Irritable Bowel Syndrome (IBS) from organic diseases and to find out if the three criteria could be combined. The study is a prospective cross-sectional analytical study of one hundred and thirty patients who presented with Diarrhea or Constipation to the Department of Medicine, Department of Surgery, Department of Medical Gastroenterology, Vydehi Institute of Medical Sciences and Research Centre, Bangalore between September- February, 2019-2020. After taking informed consent, patients were subjected to preformed questionnaire in the language best understood by them. Patient underwent diagnostic investigations like Complete blood count (CBC), Erythrocyte Sedimentation Rate (ESR), C- reactive protein, Serum albumin and Colonoscopy. A total of 130 patients were interviewed for the study. Manning criteria had the highest sensitivity (88%) compared to Kruis criteria (81%) and Rome IV criteria (80%). Kruis criteria had the highest specificity (91%) compared to Manning criteria (87%) and Rome IV criteria (86%). On combining the three criteria, while the sensitivity is 94.4%, the specificity fell drastically to 58%. Hence everything considered it is best to ply with the individual criteria for the diagnosis of irritable bowel syndrome.

Recent Publications:

1. Kazi, Farha Naaz. et.al (2021). Phonosurgery for Adult Unilateral Vocal Fold Paralysis. Current Otorhinolaryngology Reports. 9. DOI: 10.1007/s40136-021-00330-0.
2. Kazi, Farha Naaz. et.al (2018). Chapter-10 Injection Laryngoplasty. DOI:10.5005/jp/books/13074_11.
3. Kazi, Farha Naaz. et.al (2020). Rare Causes of Unilateral Vocal Fold Paralysis: Report of 3 Cases with Review of Literature Rare Causes of Unilateral Vocal Fold Paralysis: Report of 3 Cases with Review of Literature.

Biography

Farha Naaz Kazi is an ENT/ Laryngologist and voice surgeon practicing at MPCT hospital, Navi Mumbai. She has completed a fellowship in phonosurgery and laryngology (Voice and Airway diseases) from Bombay hospital. She has expertise in treating vocal fold polyps, cyst, vocal fold palsy, early vocal fold cancers. She is trained and well versed with laser technology for treating voice disorders. She also has keen interest in swallowing disorders like oropharyngeal dysphagia and cricopharyngeal bar and diverticulum.

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