## Gut brain interaction in Headache



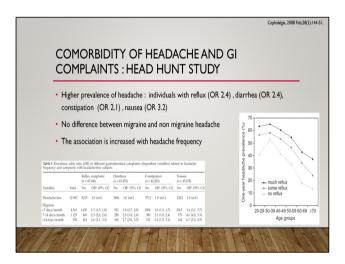
박 정 욱

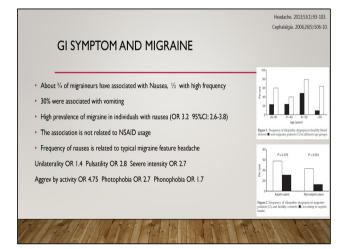
가톨릭의대

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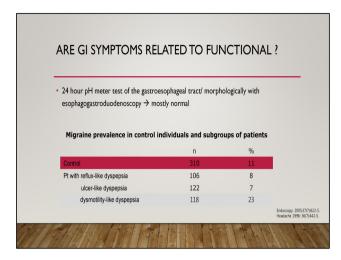
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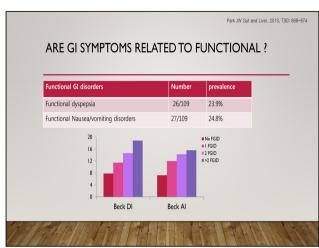
## CONTENTS Gastrointestinal symptom in Headache and migraine GI symptoms in migraine: Functional dyspepsia or Structural lesion? Association GI disorder and Migraine: H pyroli. Irritable bowel syndrome, GI motility disorder Pathophysiologic relation between GUT and migraine Episodic GI syndrome and Migraine

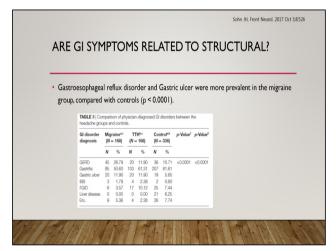




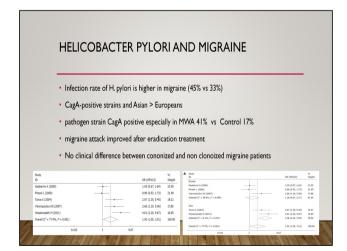


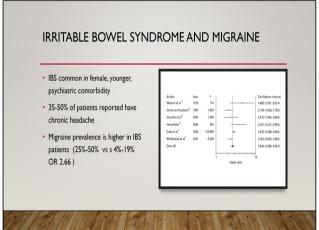


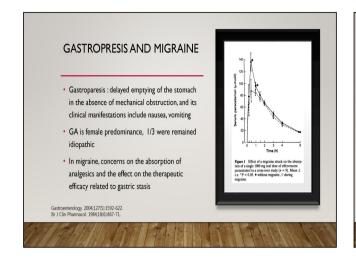


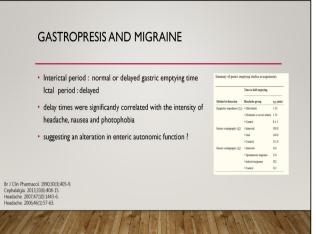




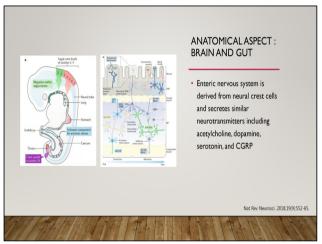


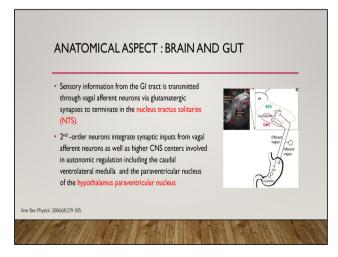


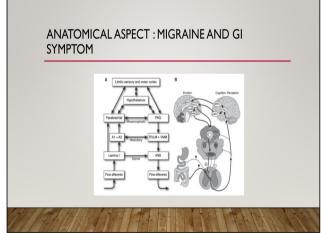


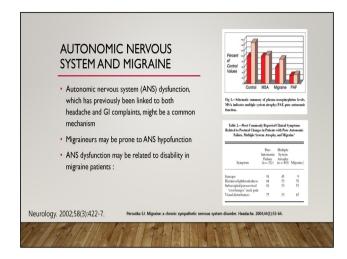


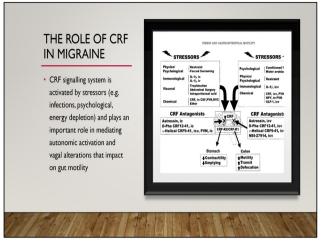


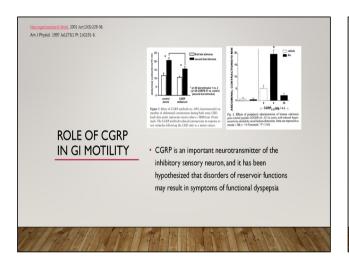




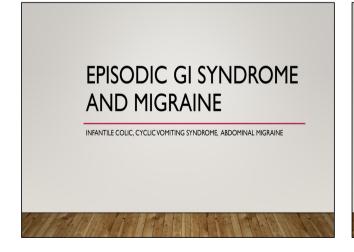












## Migraine headache, abdominal migraine and CVS are functional disorders that seem to be manifestations of a common diathesis Their nosological distinction is based on their predominant symptoms: headache in migraine, intense abdominal pain in abdominal migraine, and nausea and vomiting in CVS The prevalence of CVS, abdominal migraine and migraine headaches peak at ages 5, 10 and 11 years respectively Migraine headaches are reported in 24–70% of adults with CVS autonomic nerve dysfunction was common in adult CVS patients Journal of pediatric gastroenterology and nutrition. 1995;21(4):454-8. Boles RG. Adams K. 11 BU. 2005;133(4):556-72.

