



# Prevalence of Functional Gastrointestinal Disorders in Paediatric Population by Using the Rome IV Criteria in a Tertiary Centre, Northeast Thailand: A Cross-sectional Descriptive Analytic Study

**Dr. Busara Charoenwat**

Division of gastroenterology and hepatology, Department of Paediatrics, Srinagarind Hospital, Faculty of Medicine,

Khon Kaen University, Khon Kaen, Thailand

### Abstract:

**Objective:** To assess the prevalence of functional GI disorders (FGIDs) according to the Rome IV criteria in a paediatric in tertiary centre, Northeast Thailand

**Methods:** A cross-sectional descriptive analytic study was conducted and 112 children aged 0-18 years old were recruited from 2016 to 2019. The prevalence of FGIDs was assessed.

**Results:** According to the Rome IV criteria, 32.1% of infants and toddlers aged 0-36 months and 67.9% of children aged 4-18 years fulfilled criteria for FGIDs. 77.1% and 65.5% of them were female, respectively. The most common FGIDs among infants and toddlers was infant regurgitation (24.1%, median age 4.5

**Biography:** Dr. Busara Charoenwat completed her medicine from Khon Kaen University, Thailand



### Publications:

1. Evaluating the Mechanical Properties of Admixed Blended Cement Pastes and Estimating its Kinetics of Hydration by Different Techniques
2. Genetic Diversity Using Random Amplified Polymorphic DNA (RAPD) Analysis for *Aspergillus niger* isolates
3. Au-Ag-Cu nanoparticles alloys showed antifungal activity against the antibiotics-resistant *Candida albicans*
4. Induce mutations for Bavistin resistance in *Trichoderma harzianum* by UV-irradiation
5. Biliary Sludge. Analysis of a Clinical Case

[15th Annual Congress on Gastroenterology & Hepatology October 26-27, 2020](#)

**Abstract Citation:** [Dr. Busara Charoenwat, Prevalence of Functional Gastrointestinal Disorders in Paediatric Population by Using the Rome IV Criteria in a Tertiary Centre, Northeast Thailand: A Cross-sectional Descriptive Analytic Study, GASTROENTEROLOGY CONGRESS 2020, 15th Annual Congress on Gastroenterology & Hepatology, October 26-27, 2020](#)