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**Manuscript NO:** 55229

**Manuscript Type:** ORIGINAL ARTICLE

*Observational Study*

Detection of reflux-symptom association in children with esophageal atresia by video-pH-impedance study

Settachote M *et al.* Detection of reflux in children with EA by video-pH-impedance

Settachote Maholarnkij, Anapat Sanpavat, Katawaetee Decharun, Termpong Dumrisilp, Chomchanat Tubjareon, Benjawan Kanghom, Tanisa Patcharatrakul, Nataruks Chaijitraruch, Voranush Chongsrisawat, Palittiya Sintusek

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## Evaluation of Gastroesophageal Reflux in Children Born ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6855319>

Sep 05, 2019 · The aim of the **study** was to evaluate acid and nonacid **gastroesophageal reflux** in infants and school-aged **children with esophageal atresia** (EA) using **pH-impedance** (pH-MII) monitoring. Between 2012 and 2017, all 24-hour **pH-MII** studies performed in infants ...

## Pepsin as a Marker of Reflux Aspiration in Children With ...

<https://www.frontiersin.org/articles/10.3389/fped.2020.00094> ▼

Mar 19, 2020 · Background: **Reflux** aspiration secondary to **gastroesophageal reflux** disease (GERD) is one of the causes of chronic gastrointestinal and respiratory morbidity in **children with esophageal atresia** (EA). Currently there are no simple, validated non-invasive tests for the diagnosis of **reflux** aspiration in **children**. Objectives: The aim of this pilot **study** was to ...

## Gastroesophageal Reflux and Body Movement in Infants ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3112532>

The aim of this paper was to investigate the temporal **association of gastroesophageal reflux** (GER) and body movement in infants. GER were registered **by combined impedance-pH**, documentation of body movement was done by **video**. Videorecording time (Vt) was divided into "resting time" and "movement time" and analyzed for occurrence of GER.

**Cited by:** 2

**Author:** Tobias G. Wenzl, Olaf Stoltenburg, Jiri S...

**Publish Year:** 2011

## (PDF) Evaluation of Gastroesophageal Reflux in Children ...

[https://www.researchgate.net/publication/335666396\\_Evaluation\\_of\\_Gastroesophageal...](https://www.researchgate.net/publication/335666396_Evaluation_of_Gastroesophageal...)

Objectives: The aim of the **study** was to evaluate acid and nonacid **gastroesophageal reflux** in infants and school-aged **children with esophageal atresia** (EA) using **pH-impedance** (pH ...

## Combined Multichannel Intraluminal Impedance and pH





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## Esophageal Impedance Monitoring for Gastroesophageal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3926211>

Children with GERD may present with symptoms that can be minor, such as heartburn or regurgitation, to more complicated diseases, such as erosive esophagitis, **esophageal stricture**, or Barrett **esophagus** (9,10). In a single-center retrospective cross-sectional **study**, the frequency of erosive esophagitis was found to be slightly higher in male ...

Cited by: 93

Author: Hayat M. Mousa, Rachel Rosen, Frederic...

Publish Year: 2011

## Esophageal pH-impedance monitoring in children: position ...

<https://www.sciencedirect.com/science/article/pii/S1590865819307182>

Multichannel Intraluminal Impedance and pH (MII-pH) monitoring, considered as the gold standard in GER evaluation, plays a relevant role especially for the study of children with EA, because this technique is also able to demonstrate the presence of an impaired esophageal motility, to detect weakly acidic/alkaline reflux episodes and to correlate symptoms with non-acid reflux events in symptomatic ...

Author: Paolo Quitadamo, Renato Tambucci, ...

Publish Year: 2019

## (PDF) Evaluation of Gastroesophageal Reflux in Children ...

<https://www.researchgate.net/publication/335666396>

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## (PDF) Pepsin as a Marker of Reflux Aspiration in Children ...

<https://www.researchgate.net/publication/340030766>

Mar 19, 2020 · GERD was detected in an additional 39.47% of children with neurological impairment, 44.44% for those with cystic fibrosis, and 52.17% for those with **esophageal atresia** ...





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**Cited by:** 1

**Author:** Floor W.T. Vergouwe, Michiel P. van Wijk,...

**Publish Year:** 2019

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