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Retrospective Study

Software improvement for evaluation of laryngopharyngeal pH testing (Restech) – a comparison between DataView 3 and 4

Dolores Thea Müller, Elena Schulte, Benjamin Babic, Laura Knepper, Claudia Fuchs, Wolfgang Schröder, Christiane J Bruns, Jessica M Leers, Hans Friedrich Fuchs

Abstract

BACKGROUND

When gastroesophageal reflux contents reach above the upper esophageal sphincter,

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The **Restech Dx-pH measurement system**, version 1.0 (**Restech Dx-pH**, Restech, San Diego, CA) was used. Therefore, a **probe** was placed in a standardized way, as recommended by the provider in the oropharynx above the upper **esophageal sphincter**.

Author: Michael Weitzendorfer, Stavros A. ... **Publish Year:** 2019

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Currently, the most reliable method for the diagnosis of reflux-related cough is the 24-hour intraesophageal MII-**pH test**, 9,20 but the total number of reflux events and/or the exposure of the esophageal mucosa to esophageal contents required to help classify patients as NERD remains to be determined, 21 because there are controversial results ...

Cited by: 6 **Author:** Yusuf S Sakin, Rukiye Vardar, Baha Se...

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Oct 11, 2019 · The **Restech Dx-pH measurement system**, version 1.0 (**Restech Dx-pH, Restech, San Diego, CA**) was used. Therefore, a **probe** was placed in a standardized way, as recommended by the provider in the oropharynx above the upper **esophageal sphincter**.

Author: Michael Weitzendorfer, Stavros A. Ant... **Publish Year:** 2019

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Meal periods were excluded in the final analyses. The **Restech data recorder** was downloaded to a dedicated **software program (DataView Lite, V3, Respiratory Technology Corporation, San Diego, CA)** and correlated with the patient's diary. **12 Tracings** were all manually **evaluated** by a single operator. Thresholds for the detection of **acidic reflux** were 5.5 for the upright position and 5.0 for the ...

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