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Diffuse Esophageal Spasm in the Era of High-Resolution Manometry. In a study conducted by radiologists, 14 of 20 patients (70%) improved, and there was 1 **esophageal perforation**. In the other study, 8 of 9 patients experienced marked improvement in **dysphagia and regurgitation**, with an average follow-up of 37.4 months.

Cited by: 3

Author: Sami R. Achem

Publish Year: 2014

[Update in the Diagnosis and Treatment of Esophageal ...](https://practicalgastro.com/2019/03/18/update-in-the-diagnosis-and-treatment-of...)

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The most important **test** for the **diagnosis of esophageal motility disorders** is high resolution **esophageal manometry** (HRM). 6 This **test** requires passage of a soft flexible catheter through the nose and into the **upper stomach**. The catheter has pressure sensors every 1-2 cm.

[Diffuse Esophageal Spasm in the Era of High-Resolution ...](https://www.gastroenterologyandhepatology.net/archives/february-2014/diffuse...)

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Additionally, **ineffective motility** was recognized as a **motility disorder** in which the amplitude of **contractions** in the **distal esophagus** is less than 30 mmHg and in which contractions may occur simultaneously, thus resembling DES and leading to the need to distinguish **esophageal spasm** from ineffective motility.

[High-Resolution Manometry in Clinical Practice](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4843031)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4843031>

High-resolution **manometry** (HRM) is the primary method used to evaluate **esophageal** motor function. Displayed and interpreted by **esophageal** pressure topography (EPT), HRM/ EPT provides a detailed assessment of **esophageal** function that is useful in the evaluation of patients with nonobstructive dysphagia and before foregut surgery.

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 53448

Manuscript Type: MINIREVIEWS

Distal esophageal spasm: Update on diagnosis and management in the era of high-resolution manometry

Gorti H *et al.* DES

Harika Gorti, Salih Samo, Nikrad Shahnavaaz, Emad Qayed

Abstract

Distal esophageal spasm (DES) is a rare major motility disorder in the Chicago classification of esophageal motility disorders (CC). DES is diagnosed by finding of $\geq 20\%$ premature contractions, with normal lower esophageal sphincter (LES) relaxation on high-resolution manometry (HRM) in the latest version of CCv3.0. This feature differentiates it from achalasia type 3, which has an elevated LES relaxation pressure. Like other spastic esophageal disorders, DES has been linked to conditions such as Gastroesophageal Reflux disease, psychiatric conditions, and narcotic use. In addition to HRM, ancillary tests such as endoscopy and barium esophagram can provide

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Cited by: 3

Author: Sami R. Achem

Publish Year: 2014

Distal Esophageal Spasm: A Review - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S0002934318302845>

Distal esophageal spasm is an **idiopathic disorder** that is manifested clinically by episodes of **dysphagia** and/or **chest pain**, radiographically by nonperistaltic contractions, often with a "corkscrew" appearance of the **esophagus**, and manometrically by uncoordinated ("spastic") activity in the **distal smooth muscle** part of the **esophagus**. 1 Osgood 3 first reported **spasm** in 1889 in a case series of 6 patients who had **symptoms** of constricting **pain** in the **epigastrium**.

Cited by: 2

Author: Mohamed Khalaf, Sejal Chowdhary, Pu...

Publish Year: 2018

Update in the Diagnosis and Treatment of Esophageal ...

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High-Resolution Esophageal Manometry: Interpretation in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5568812>

These **disorders** include **absent contractility**, **distal esophageal spasm**, **hypercontractile esophagus**, and **minor motility disorders** of ineffective **esophageal motility** and fragmented **peristalsis**. A **diagnosis of absent contractility** is made when 100% of the observed **swallows** ...

Cited by: 6

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