

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 65158

**Manuscript Type:** REVIEW

**Esophageal manifestation in patients with scleroderma**

Esophageal manifestation in patients with scleroderma

Theodoros A. Voulgaris, Georgios P Karamanolis

## Match Overview

1	<b>Crossref</b> 57 words Wouter Schutyser, Ludovic Cruyt, Jean-Baptiste Vulstek e, Jan L. Lenaerts, Ellen De Langhe. "The role of high-re	1%
2	<b>Internet</b> 55 words crawled on 27-Jul-2018 <a href="http://www.omicsonline.org">www.omicsonline.org</a>	1%
3	<b>Crossref</b> 52 words E. K. Stern, D. A. Carlson, S. Falmagne, A. D. Hoffmann, M. Carns, J. E. Pandolfino, M. Hinchcliff, D. M. Brenner. "A	1%
4	<b>Internet</b> 40 words crawled on 30-Sep-2020 <a href="http://www.mdpi.com">www.mdpi.com</a>	1%
5	<b>Internet</b> 34 words crawled on 16-Oct-2019 <a href="http://www.nature.com">www.nature.com</a>	1%
6	<b>Internet</b> 31 words crawled on 23-Aug-2020 <a href="http://jtd.amegroups.com">jtd.amegroups.com</a>	1%
	<b>Internet</b> 27 words	

激活 Windows

转到“设置”以激活 Windows。

Esophageal manifestation in patients with scleroderma



ALL

IMAGES

VIDEOS

 Add the Give

7,020,000 Results

Any time ▼

## Scleroderma (gastrointestinal manifestations)

- Pathology. Smooth muscle atrophy and fibrosis are thought to be the chief underlying mechanism which leads to luminal...
- Esophagus. The esophagus is affected in 80% of scleroderma cases. Symptoms include heartburn and dysphagia.
- Stomach. Gastric involvement is relatively uncommon but can result in delayed gastric emptying...

[More ...](#)

## Scleroderma

Medical Condition

Hardening and tight





Esophageal manifestation in patients with scleroderma



ALL

IMAGES

VIDEOS

7,100,000 Results

Any time ▾

Open links in new tab



## Scleroderma (gastrointestinal manifestations)

- Pathology. Smooth muscle atrophy and fibrosis are thought to be the chief underlying mechanism which leads to luminal dilatation, reduced motility and reduced sphincter tone.
- Esophagus. The esophagus is affected in 80% of scleroderma cases. ...
- Stomach. ...
- Small bowel. ...
- Large bowel. ...

Reference: [radiopaedia.org/articles/scleroderma-gastrointestinal-manifestations-1](https://radiopaedia.org/articles/scleroderma-gastrointestinal-manifestations-1)

Was this helpful?

### PEOPLE ALSO ASK

What is the prognosis for scleroderma?

What causes scleroderma disease?

Chat with Bing



Oh! Let me guess what you want to know.

Say something...

## Scleroderma

Medical Condition

Hardening and tightening of the skin and connective tissues



- Numbness
- Pain
- Shiny skin
- Change of color in fingers and toes

A group of diseases causing hardening and tightening of skin and connective tissues.

Rare (Fewer than 200,000 cases per year in US)



7,090,000 Results

Any time

### Scleroderma (gastrointestinal manifestations)

- Pathology. Smooth muscle atrophy and fibrosis are thought to be the chief underlying mechanism which leads to luminal dilatation, reduced motility and reduced sphincter tone.
- Esophagus. The esophagus is affected in 80% of scleroderma cases. ...
- Stomach. ...
- Small bowel. ...
- Large bowel. ...

Reference: [radiopaedia.org/articles/scleroderma-gastrointestinal-manifestations-1](https://radiopaedia.org/articles/scleroderma-gastrointestinal-manifestations-1)

Was this helpful?

#### PEOPLE ALSO ASK

- What is the prognosis for scleroderma?
- What causes scleroderma disease?
- Is it possible to have scleroderma?
- What causes narrowing of the esophagus?

Feedback

How Scleroderma Affects the Esophagus: Symptoms, Causes ...  
<https://creakyjoints.org/comorbid-conditions/scleroderma-esophagus>

Published: Feb 28, 2020

Other symptoms may include:

- Difficulty swallowing
- Pain when swallowing
- Feeling like food is stuck in your esophagus

### Scleroderma

Medical Condition

Hardening and tightening of the skin and connective tissues



A group of diseases causing hardening and tightening of skin and connective tissues. It occurs due to over production of the protein called collagen in the skin tissues.

- 🏠 Rare (Fewer than 200,000 cases per year in US)
- 🧪 Often requires lab test or imaging
- 💊 Treatments can help manage condition, no known cure
- 🕒 Can be lifelong

Scleroderma is an autoimmune disease of the connective tissue caused by increased production and accumulation of the protein collagen in the body tissues. Symptoms of scleroderma depend on the body parts affected. It generally causes hardening and tightening of skin and connective tissues. There is no cure for scleroderma. Treatments aim at managing various symptoms associated with the condition. In some cases, the skin problems associated with scleroderma may resolve on their own in few years.

#### Symptoms