

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 61254

Manuscript Type: CASE REPORT

Use of three dimensional-printing in the management of floating aortic thrombus due to occult aortic dissection: A case report

Tie-Hao Wang, Ji-Chun Zhao, Fei Xiong, Yi Yang

Abstract

BACKGROUND

Floating thrombus within the thoracic aorta is a rare entity but may cause systemic embolism. The pathogenesis of floating aortic thrombi is not yet fully understood. No definitive guidelines are available for the management of floating aortic thrombus.

Match Overview

1	Internet 36 words crawled on 29-Sep-2010 intl-circ.ahajournals.org	2%
2	Internet 32 words crawled on 07-Nov-2009 circulation.or.kr	1%
3	Crossref 28 words Salome Weiss, Roman Bühlmann, Regula S. von Allmen, Vladimir Makaloski, Thierry P. Carrel, Jürg Schmidli, Thomas R. ...	1%
4	Crossref 16 words Tie-Hao Wang, Ji-Chun Zhao, Bin Huang, Jia-Rong Wang, Ding Yuan. "Successful endovascular treatment with long-term ...	1%
5	Crossref 15 words Hyun Ju Yoon, Myung Ho Jeong, Sang Ki Oho, In Seok Jeong et al. "Successful management of huge floating thrombus w...	1%
6	Crossref 14 words Andrew O. Zurick, Chand Ramaiah. "Aortic Mural Thrombus in Association with Occult Aortic Dissection", CASE, 2017	1%
7	Internet 12 words crawled on 20-May-2018 academic.oup.com	1%

ALL

IMAGES

VIDEOS

41,500 Results

Any time ▼

[Management of floating thrombus in the aortic arch ...](#)

<https://www.sciencedirect.com/science/article/pii/S0022522316301015>

Sep 01, 2016 · **Floating aortic thrombus** is rare, but with the more frequent **use** of imaging modalities over the past decades, it has increasingly been identified as a source of systemic emboli. 1 In a study of 10,671 consecutive autopsies, the incidence of **aortic** mural **thrombus** was 0.45%. 2 The most common location reported in clinical studies 3 is the descending thoracic **aorta** and the **aortic** arch.

Cited by: 13

Author: Salome Weiss, Roman Bühlmann, Regula S...

Publish Year: 2016

[\(PDF\) Management of floating thrombus in the aortic arch](#)

<https://www.researchgate.net/publication/301308905...>

Objective: **Floating aortic thrombus** is an underrecognized source of systemic emboli and carries a life-threatening risk of stroke when located in the **aortic** arch.

[Management of floating thrombus in the aortic arch - The ...](#)

[https://www.jtcvs.org/article/S0022-5223\(16\)30101-5/fulltext](https://www.jtcvs.org/article/S0022-5223(16)30101-5/fulltext)

Apr 13, 2016 · **Floating aortic arch thrombus** was defined as a homogenous mass on computed tomography (CT) or transesophageal echocardiography (TEE) images, attached to the **aortic** wall and protruding into the lumen of the **aortic** arch with a mobile aspect ().Information on size, exact localization, and quality of the attachment site of the **thrombus** was retrieved from contrast-enhanced CT scans (1 ...

Cited by: 13

Author: Salome Weiss, Roman Bühlmann, Regula S...

Publish Year: 2016

PEOPLE ALSO ASK

Is open thrombus surgery perioperative?



Use of 3D-printing in the management of floating aortic thrombus c



ALL

IMAGES

VIDEOS

32,500 Results

Any time ▼

[Management of floating thrombus in the aortic arch ...](#)

<https://www.sciencedirect.com/science/article/pii/S0022522316301015>

Sep 01, 2016 · **Floating aortic thrombus** is rare, but with the more frequent **use** of imaging modalities over the past decades, it has increasingly been identified as a source of systemic emboli. 1 In a study of 10,671 consecutive autopsies, the incidence of **aortic** mural **thrombus** was 0.45%. 2 The most common location reported in clinical studies 3 is the descending thoracic **aorta** and the **aortic** arch.

Cited by: 13**Author:** Salome Weiss, Roman Bühlmann, Regul...**Publish Year:** 2016

[\(PDF\) Management of floating thrombus in the aortic arch](#)

<https://www.researchgate.net/publication/301308905...>

Objective: **Floating aortic thrombus** is an underrecognized source of systemic emboli and carries a life-threatening risk of stroke when located in the **aortic** arch.

PEOPLE ALSO ASK

Is open thrombus surgery perioperative? ▼

What is floating aortic thrombus? ▼

What is the treatment for aortic thrombus? ▼

Can thrombus of the thoracic aorta be treated? ▼

ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

27,200 Results

Any time ▾

(PDF) Management of floating thrombus in the aortic arch

<https://www.researchgate.net/publication/301308905...>

Objective: **Floating aortic thrombus** is an underrecognized source of systemic emboli and carries a life-threatening risk of stroke when located in the **aortic** arch. Optimal treatment is not ...

Management of floating thrombus in the aortic arch ...

<https://www.sciencedirect.com/science/article/pii/S0022522316301015>

Sep 01, 2016 · **Floating aortic thrombus** is rare, but with the more frequent **use** of imaging modalities over the past decades, it has increasingly been identified as a source of systemic emboli. 1 In a study of 10,671 consecutive autopsies, the incidence of **aortic** mural **thrombus** was 0.45%. 2 The most common location reported in clinical studies 3 is the descending thoracic aorta and the **aortic** arch.

Cited by: 13

Author: Salome Weiss, Roman Bühlmann, Regula S...

Publish Year: 2016

A giant floating thrombus in the ascending aorta: a case ...

<https://bmcsurg.biomedcentral.com/articles/10.1186/s12893-020-00983-6> ▾

A **floating thrombus** in an ascending aorta with normal morphology is very rare, but when it does occur, it may induce a systemic embolism or fatal stroke. The pathophysiological mechanisms of **aortic** mural thrombi remain unclear, and there is no consensus regarding therapeutic recommendations. We **report** a 49-year-old male who presented with chest discomfort for 5 days and was admitted to our ...

PEOPLE ALSO ASK

What is floating aortic thrombus?



Is open thrombus surgery perioperative?



What is the treatment for aortic thrombus?

