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

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**Manuscript Type:** CASE REPORT

**Spontaneous multivessel coronary artery spasm with intravascular ultrasound image: A case report**

Hao-Yu Wu, Yi-Wei Cao, Feng-Jun Chang, Lei Liang

## Abstract

### BACKGROUND

Coronary artery spasm is a major cause of myocardial ischemia. Although coronary artery spasm has been known for a long time, its mechanism has not yet been identified. Many clinicians, especially young clinicians pay less attention to coronary artery spasm, which may lead to some patients not being appropriately diagnosed and treated in time. We here report a patient

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## Spontaneous Coronary Artery Dissection: A Case Report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4685374>

Jul 03, 2015 · **Spontaneous coronary artery** dissection (SCAD) is a rare and important cause of acute **coronary** syndrome and sudden cardiac death. Various etiologies are thought to be responsible for this condition, among which underlying atherosclerosis seems to be the most common.

**Cited by:** 1 **Author:** Vahid Mokhberi, Babak Bagheri, Seyfollah ...  
**Publish Year:** 2015

## Multivessel spontaneous coronary artery dissection ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6439423>

**Multivessel spontaneous coronary artery** dissection involving the left main **coronary artery**: a **case report** ... **Intravascular ultrasound** or optical coherence tomography can play an important role in the diagnosis of SCAD. ... The author/s confirm that written consent for submission and publication of this **case report** including **image(s)** ...

**Author:** Pedro L Cepas-Guillén, Eduardo J Flore... **Publish Year:** 2019

## Spontaneous Coronary Artery Dissection: Case Report and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3573361>

**Spontaneous Coronary Artery** Dissection: **Case Report** and Review of Literature. ... **Spontaneous coronary artery** dissection (SCAD) is an unusual cause of acute **coronary** syndrome or sudden cardiac death. ... usually **more than 30 years** of age, and involves the left anterior descending **artery** (LAD). In most of the cases, ...

## Spontaneous Coronary Artery Dissection: Case Report and ...

[europepmc.org/articles/PMC3573361](https://europepmc.org/articles/PMC3573361)

INTRODUCTION. **Spontaneous coronary artery** dissection (SCAD) is an unusual cause of acute **coronary** syndrome (ACS) or sudden cardiac death. Here, we present a **case** of SCAD in a young man who presented with stroke, followed by a review of the literature on this rare clinical entity.

## Simultaneous Multivessel Coronary Spasm Causing Acute ...

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**Spontaneous** simultaneous **multivessel coronary artery spasm** in patients with acute myocardial infarction (AMI) is uncommon. A 79-year-old Japanese man was transferred to this hospital because of ...

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**Spontaneous coronary artery** dissection: **Case report** and review of literature. ... **Spontaneous multivessel coronary artery** ... We **report** NA-SCAD of the right **coronary artery** (RCA) in a 30-year ...

## [PDF] Myocardial infarction with normal coronary arteries: a ...

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1365-2796.2007.01788.x>

**more than 30 years** ago. Since then, various series of such patients have been described, but the aetiology and pathogenesis of the condition are still a source of debate. Evidence exists for a role of **coronary** vaso-spasm, thrombosis, embolization and inflammation, per se or combined, in determining the occurrence of ... **case report** further ...

**Cited by:** 147 **Author:** I. Kardasz, R. De Caterina  
**Publish Year:** 2007

## Clinical Features, Management, and Prognosis of ...

<https://www.ahajournals.org/doi/10.1161/CIRCULATIONAHA.112.105718>

Background—**Spontaneous coronary artery** dissection (SCAD) is an acute **coronary** event of uncertain origin. Clinical features and prognosis remain insufficiently characterized. ... **intravascular ultrasound**, and optical coherence tomography may increase the diagnostic yield. 1,12 ... a **case report** and review of the literature on iliac **artery** ...

**Cited by:** 620 **Author:** Marysia S. Tweet, Sharonne N. Hayes, Srid...  
**Publish Year:** 2012

## Spontaneous coronary artery dissection: a case series and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4185157>

Sep 29, 2014 · Angiographic **image** of right **coronary artery** demonstrating diffuse luminal irregularities and double lumen (indicated by black arrows) diagnostic of **spontaneous coronary artery** dissection. **Case 2** A 38-year-old Caucasian woman presented to an outpatient cardiology clinic with sudden, severe, midsternal chest pressure that began after a rigorous ...

**Cited by:** 4 **Author:** Nelson A. Telles Garcia, Abul N. Khan, Ratn...  
**Publish Year:** 2014

## Spontaneous Coronary Artery Dissection A Case Report and ...

<https://www.researchgate.net/publication/11415123...>

**Spontaneous Coronary Artery** Dissection **A Case Report** and Review of the Literature Article - Literature Review in Angiology 53(2):205-11 · March 2002 with 27 Reads How we measure 'reads'



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Spontaneous multivessel coronary artery spasm with intravascular



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## [A case report of spontaneous coronary artery dissection ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6336604>

**A case report of spontaneous coronary artery** dissection and the role of **intravascular** imaging for accurate diagnosis and successful management ... the double lumen was no longer visible in the left circumflex (LCX) **coronary artery**. (A–C) **Intravascular ultrasound images** at a corresponding point of the LCX **coronary artery** in the angiogram ...

**Cited by:** 1

**Author:** Chun Chao Chen, Ju Chi Liu, Li Chin Sung

**Publish Year:** 2019

## [Multivessel Spontaneous Coronary Artery Dissection ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6504015>

**Spontaneous coronary artery** dissection (SCAD) is a rare phenomenon that causes acute, life-threatening myocardial infarction. Most notably occurring in the female population, certain risk factors have been implicated in SCAD including pregnancy, hormone therapy, stimulant drug use, connective tissue disorders and systemic inflammatory disorders.

**Author:** Zeid Nesheiwat, Muhammad A Mangi,... **Publish Year:** 2019

## [A Case of Spontaneous Multivessel Coronary Artery Spasm ...](#)

<https://www.hindawi.com/journals/cric/2016/7049748> ▾

This **case** report describes an inferior ST elevation on ECG in a patient with existing **coronary artery disease**. A **multivessel coronary artery spasm** occurred on **coronary angiography** during his anginal attack, which emphasises the importance of excluding **coronary vasospasm** during **diagnostic coronary angiography** prior to intervention. Competing Interests

**Author:** Nuray Kahraman Ay, Muharrem Nasif... **Publish Year:** 2016

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## Spontaneous Coronary Artery Dissection: A Case Report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4685374>

Jul 03, 2015 · **Spontaneous coronary artery** dissection (SCAD) is a rare and important cause of acute **coronary** syndrome and sudden cardiac death. Various etiologies are thought to be responsible for this condition, among which underlying atherosclerosis seems to be the most common. SCAD is predominant in women and is usually diagnosed via **coronary artery** ...

**Cited by:** 1

**Author:** Vahid Mokhberi, Babak Bagheri, Seyfolla...

**Publish Year:** 2015

## Multivessel Spontaneous Coronary Artery Dissection ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6504015>

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**Author:** Zeid Nesheiwat, Muhammad A Mangi, ... **Publish Year:** 2019

## Multivessel spontaneous coronary artery dissection ...

<https://academic.oup.com/ehjcr/article/3/1/tyy168/5288703>

Jan 12, 2019 · **Multivessel spontaneous coronary artery** dissection involving the left main **coronary artery: a case report** Pedro L Cepas-Guillén Cardiology Department, Cardiovascular Institute (ICCV), Hospital Clínic, IDIBAPS, University of Barcelona, C/Villarroel, 170, 08036 Barcelona, Spain

**Author:** Pedro L Cepas-Guillén, Eduardo J Flo... **Publish Year:** 2019

## Spontaneous coronary artery spasm during coronary ...

<https://www.sciencedirect.com/science/article/pii/S1561881114000558>

**Spontaneous coronary artery spasm** is an uncommon **presentation of variant angina** and a poorly understood condition. Prompt recognition and management in the **catheterization laboratory** is

important and it must be differentiated from **catheter-induced spasm**.