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Manuscript NO: 53076

Manuscript Type: CASE REPORT

Rescue treatment and follow-up intervention of a left main acute myocardial infarction with typical carina shift under 3D optical coherence tomography: A case report

Bei-Bei Du, Ya-Liang Tong, Xing-Tong Wang, Guo-Hui Liu, Kun Liu, Ping Yang, Yu-Quan He

Abstract

BACKGROUND

Coronary intervention for bifurcation lesions is still challenging for interventional cardiologists. Left main (LM) bifurcation is of higher risk due to the vast blood supply area and difficult choice to make. Ostial compromise of the side branch decreases patient prognosis, and its management is still an issue

despite different strategies and devices available

Match Overview

1	Crossref 51 words Bei-Bei Du, Xing-Tong Wang, Xiang-Dong Li, Pei-Pei Li, Wei-Wei Chen, Si-Ming Li, Ping Yang. "Treatment of severe up	3%
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The left anterior descending artery has been treated using 2 **Cypher stents** (Cordis Corporation, Miami Lakes, Florida) 1.5 years ago. (A and B) Coronary angiogram shows **stent thrombosis** (white arrow in A) with **stent fracture** (white arrow in B). (C to E) **Intravascular ultrasound imaging** ...

Cited by: 99

Author: Gary S. Mintz

Publish Year: 2014

(PDF) Impact of Coronary Bifurcation Angle on Clinical ...

https://www.researchgate.net/publication/230665944_Impact_of_Coronary_Bifurcation...

Background: The **bifurcation angle (BA)** is rising as a predictor of outcome after **percutaneous coronary intervention (PCI)** for **bifurcation lesions**.

ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert ...

<https://www.ahajournals.org/doi/full/10.1161/cir.0b013e3181d4b618>

At Massachusetts General Hospital, the **ROMICAT (Rule Out Myocardial Infarction Using Computer Assisted Tomography)** study prospectively enrolled 368 **acute chest pain patients** (39% women, mean age 53 years) with an inconclusive initial emergency department evaluation (including an initial ECG without ischemia and a normal initial troponin) in a protocol to receive a 64-channel coronary CTA ...

Cited by: 470

Author: Daniel B. Mark, Daniel S. Berman, Matth...

Publish Year: 2010

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Contemporary Approach to Coronary Bifurcation Lesion ...

interventions.onlinejacc.org/content/9/18/1861 ▼

Sep 26, 2016 · Definitions and classifications of **bifurcation lesions** and treatment. A **significant SB** is a branch, whose **loss** is of consequence to a particular patient (**symptoms**, location of **ischemia**, viability of the supplied **myocardium**, **collateralizing vessel**, **left ventricular function...**)^o (5).

Cited by: 29

Author: Fadi J. Sawaya, Thierry Lefèvre, Bernard ...

Publish Year: 2016

Contemporary Approach to Coronary Bifurcation Lesion ...

<https://www.sciencedirect.com/science/article/pii/S1936879816312717>

The PEPCAD-BIF (The Paclitaxel-Eluting Percutaneous Coronary Angioplasty [Ptca]-Balloon Catheter For The Treatment Of Coronary Bifurcations) (47) investigated the benefit of SB treatment with a DCB compared to plain old **balloon angioplasty** in 64 patients undergoing a provisional **SB stenting strategy**.

Cited by: 29

Author: Fadi J. Sawaya, Thierry Lefèvre, Bernard ...

Publish Year: 2016

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