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Name of Journal: *World Journal of Cardiology*

Manuscript NO: 41450

Manuscript Type: ORIGINAL ARTICLE

*Clinical Trials Study*

Safety and efficacy of frequency-domain optical coherence tomography in evaluating and treating intermediate coronary lesions

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Abstract

AIM

We aimed to establish whether of frequency-domain optical coherence tomography

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## Google 学术 : Safety and efficacy of frequency-domain optical coherence tomography in evaluating and treating intermediate coronary lesions

... of frequency domain optical coherence tomography to ... - Imola - 被引用次数 : 124

Optical coherence tomography: high resolution ... - Guagliumi - 被引用次数 : 119

... clinical applications of optical coherence tomography ... - Prati - 被引用次数 : 222

## [PDF] optical coherence tomography to guide percutaneous coronary ...

<https://assr.regione.emilia-romagna.it/it/servizi/.../short...coronary/at.../file> ▼ 翻译此页

2016年11月9日 - Intra-coronary frequency-domain optical coherence tomography (FD-OCT). ... When the coronary angiogram demonstrates intermediate severity ... to identify haemodynamically relevant coronary lesion(s) in stable ... presently evaluated with IVUS imaging could be shifted to FD-OCT .... Domain: efficacy.

## (PDF) Optical Coherence Tomography: Potential Clinical Applications

[https://www.researchgate.net/.../229154145\\_Optical\\_Coherence\\_Tomograph...](https://www.researchgate.net/.../229154145_Optical_Coherence_Tomograph...) - 翻译此页

2018年7月31日 - By OCT it is possible to obtain high-resolution cross-sectional images of the ... evaluation of coronary arteries, procedural guidance in coronary ...

## Optical Coherence Tomography for Imaging of Coronary Arteries

[www.medicalpolicy.hcsc.net/medicalpolicy/pendingPolicyPage?lid...](http://www.medicalpolicy.hcsc.net/medicalpolicy/pendingPolicyPage?lid...) ▼ 翻译此页

Frequency-domain OCT (FD-OCT) is a newer generation device that partially ... the adequacy of neointimal coverage has been proposed as an intermediate ... Adjunctive treatment as part of percutaneous coronary interventions (PCIs); and ..., study with streamlined screening criteria is needed to evaluate the efficacy of this ...

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## Advantage of next-generation frequency-domain optical coherence tomography compared with conventional time-domain system in the asse...

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limitations with regard to both procedural usage and safety in the clinical ... Advantage of next-generation frequency-domain optical coherence tomograp...

来源: Europe PMC / NCBI / 万方 / Wiley / CiNii



## Safety and feasibility of frequency domain optical coherence tomography to guide decision making in percutaneous coronary interventi...

F Imola , MT Mallus , V Ramazzotti , ... - 《Eurointervention... - 2010 - 被引量: 109  
AIMS: The purpose of this single centre registry is to assess safety and feasibility of the frequency domain optical coherence tomography (-) system dur...

来源: Europe PMC / Oxford Univ Press / NCBI / polime.it <sup>FREE</sup> / portalesia.polime.it <sup>FREE</sup>



## [专利] Method to suppress artifacts in frequency-domain optical coherence tomography

KE O'Hara , M Hacker - US - 2008 - 被引量: 101



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作者: F Imola - 被引用次数: 124 - 相关文章

Methods and results: Ninety patients with unstable or stable coronary artery disease ... ambiguous/intermediate lesions (24 patients in group 1 had OCT also done post-PCI, ... 60% of patients were treated with PCI, whilst in the others, PCI were deferred. ... coronary angiography (QCA) and decide whether to proceed with.

### Clinical Trials -Optical Coherence Tomography News

[www.octnews.org/category/26/clinical-trials/?page=2](http://www.octnews.org/category/26/clinical-trials/?page=2) ▾ 翻译此页

Evaluation of Imaging of Peripheral Arteries by Optical Coherence Tomography ... (PCI) is increasingly used to treat unprotected left main coronary artery stenosis. ... Optical Frequency Domain Imaging Versus Intravascular Ultrasound in ... The patients with intermediate lesions after CT angiography and invasive coronary ...

### Utilization of frequency domain optical coherence tomography and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3984934/> ▾ 翻译此页

作者: GT Stefano - 2011 - 被引用次数: 36 - 相关文章

2011年3月17日 - Frequency domain optical coherence tomography (FD-OCT) is a promising ... Coronary angiography is a poor discriminator of coronary artery ... and FFR evaluation for the assessment of intermediate coronary artery stenoses. ... considered for OCT imaging as part of their clinical care (i.e. 100% usage).

缺少字词: efficacy

### Feasibility and safety of frequency-domain optical coherence ... - NCBI