

Name of Journal: *World Journal of Radiology*

Manuscript NO: 32371

Manuscript Type: Original Article

### *Retrospective Study*

Cardiac magnetic resonance in patients with acute cardiac injury and unobstructed coronary arteries

Giovanni Salvatore Camastra, Stefano Sbarbati, Massimiliano Danti, Luca Cacciotti, Raffaella Semeraro, Sabino Walter Della Sala, Gerardo Ansalone

### Abstract

The main purpose of our study is to define the role of Cardiac Magnetic Resonance (CMR) by analyzing a particular group of patients with suspected acute coronary syndrome (ACS) and normal coronary angiogram.

**Methods:** From January 2009 to December 2015, we examined 220 patients with clinical suspicion of acute coronary syndrome (ACS), Troponin elevation (the threshold used to

## Match Overview

1	<b>Internet</b> 200 words crawled on 07-Oct-2014 <a href="http://eurheartj.oxfordjournals.org">eurheartj.oxfordjournals.org</a>	7%
2	<b>Crossref</b> 57 words International Consensus Group on Cardiovascular Magnetic Resonance in Myocarditis. "Cardiovascular Magnetic R....	2%
3	<b>Internet</b> 49 words crawled on 18-Jul-2016 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	2%
4	<b>Crossref</b> 46 words H. Baccouche, "Diagnostic synergy of non-invasive cardiovascular magnetic resonance and invasive endomyocardial ....	2%
5	<b>Internet</b> 31 words crawled on 24-Jun-2010 <a href="http://www.cmj.org">www.cmj.org</a>	1%
6	<b>Crossref</b> 29 words Giovanni S Camastra. "Late enhancement detected by cardiac magnetic resonance imaging in acute myocarditis mim	1%
7	<b>Internet</b> 18 words crawled on 31-May-2011	1%



The diagnostic role of Cardiac Magnetic Resonance in patients with susp



全部

图片

新闻

地图

更多

设置

工具

找到约 9,390 条结果 (用时 0.96 秒)

## The Role of Cardiac MRI in Patients with Troponin-Positive Chest Pain ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: AG Dastidar - 2015 - 被引用次数: 4 - 相关文章

2015年6月12日 - Patients with ACS and unobstructed coronary arteries represent a clinical ... the diagnostic role of cardiac magnetic resonance (CMR) in patients with ACS ... of acute chest pain, elevated troponin, and unobstructed coronary arteries ... Three CMR sequences have diagnostic role in patients suspected with ...

## Cardiovascular Magnetic Resonance: Applications in Daily Practice

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > Journal List > HHS Author Manuscripts ▼ 翻译此页

In a larger cohort of over 1400 patients, dobutamine stress CMR alone ... with elevated troponin and either a low likelihood of acute coronary syndrome (ACS) or ... in patients with non-obstructed coronary arteries remain acute myocardial ..... Cardiovascular magnetic resonance is a versatile tool to guide diagnosis and ...

## Lights and shadows of cardiac magnetic resonance imaging in acute ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: A Esposito - 2016 - 相关文章

2015年11月10日 - Keywords: Acute myocarditis, Cardiac magnetic resonance, T1 mapping, Lake Louise criteria .... of myocardial injury, and angiographic exclusion of coronary artery disease) as a .... elevation in the inferolateral leads, and mildly elevated troponin; .... Diagnostic role of CMR, based on patient presentation





全部

图片

新闻

视频

购物

更多

设置

工具

找到约 23,000 条结果 (用时 0.63 秒)

### Diagnostic Contribution of Cardiac Magnetic Resonance in Patients ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: D Kawecki - 2015 - 被引用次数: 8 - 相关文章

2015年1月14日 - **Acute** chest pain in non-**acute** coronary syndrome (non-ACS) **patients** may be ...

**Cardiac magnetic resonance** (CMR) has been shown to be ideally suited for ... **injury** in **patients** with ACS and non-obstructed **coronary arteries**.

### The Role of Cardiac MRI in Patients with Troponin-Positive Chest Pain ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: AG Dastidar - 2015 - 被引用次数: 8 - 相关文章

2015年6月12日 - **Patients** with ACS and **unobstructed coronary arteries** represent a ... the diagnostic role of **cardiac magnetic resonance** (CMR) in **patients** ... All of the three **acute** pathologies (myocarditis, MI, or TCM) cause **myocardial injury** ...

### The Diagnostic Utility of Cardiovascular Magnetic Resonance in ...

[www.revespcardiol.org/en/the-diagnostic-utility...cardiovascular/.../1314194...](http://www.revespcardiol.org/en/the-diagnostic-utility...cardiovascular/.../1314194...) - 翻译此页

作者: RJ Kim - 2009 - 被引用次数: 11 - 相关文章

\* Duke **Cardiovascular Magnetic Resonance** Center, Division of **Cardiology**, Duke University, ... of **patients** with clinically suspected MI have normal **coronary arteries** or ... Analogous to troponins, the detection of **injury** by DE-CMR is specific for ... of **acute** MI in a significant number of **patients**, despite **unobstructed arteries**.

### The Role of Cardiac Magnetic Resonance in the Evaluation of Patients ...

<https://www.hindawi.com/journals/crp/2011/605785/> - 翻译此页

作者: LP Budge - 2011 - 被引用次数: 5 - 相关文章

2011年8月18日 - **Cardiac magnetic resonance** imaging (CMR) has an important emerging ... the etiology of **cardiac injury** in the subset of **patients** presenting with ACS ... are eventually given the diagnosis of **acute** coronary syndrome (ACS) [1, 2]. ... but **unobstructed coronary arteries**, which also found that

[全部](#)[图片](#)[新闻](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 25,600 条结果 (用时 0.70 秒)

## Google 学术: Cardiac magnetic resonance in patients with acute cardiac injury and unobstructed coronary arteries

... role of cardiovascular magnetic resonance in patients ... - Assomull - 被引用次数: 299

Cardiovascular magnetic resonance in myocarditis: A ... - Friedrich - 被引用次数: 982

... using contrast-enhanced magnetic resonance imaging - Eitel - 被引用次数: 186

## Diagnostic Contribution of Cardiac Magnetic Resonance in Patients ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: D Kawecki - 2015 - 被引用次数: 8 - 相关文章

2015年1月14日 - Acute chest pain in non-acute coronary syndrome (non-ACS) patients may be ...

Cardiac magnetic resonance (CMR) has been shown to be ideally suited for ... injury in patients with ACS and non-obstructed coronary arteries.

## Diagnostic contribution of cardiac magnetic resonance in patients with ...

<https://www.ncbi.nlm.nih.gov/pubmed/25604184> - 翻译此页

作者: D Kawecki - 2015 - 被引用次数: 8 - 相关文章

2015年1月14日 - (2)Center of Cardiac Magnetic Resonance, University Hospital, Lausanne,

Switzerland. ... ischemic myocardial damage, acute coronary syndromes (ACS) ... injury in patients with ACS and non-obstructed coronary arteries.

## The Role of Cardiac MRI in Patients with Troponin-Positive Chest Pain ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: AG Dastidar - 2015 - 被引用次数: 8 - 相关文章

2015年6月12日 - Patients with ACS and unobstructed coronary arteries represent a ... the diagnostic role of cardiac magnetic resonance (CMR) in patients ... All of the three acute pathologies (myocarditis,