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Is there a role for ischemia detection after an acute myocardial infarction?

Peteiro J *et al.* Ischemia after acute myocardial infarction

Abstract

Coronary angiography and eventual revascularization have become the most common approach for patients with acute coronary syndromes. Ischemia detection in this scenario is usually regarded as unnecessary for most of the patients. In fact, current guidelines recommend complete revascularization for patients with multivessel disease (MVD) in the context of ST-elevation

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Aug 01, 2015 · **Myocardial infarction** (MI) denotes the death of **cardiac myocytes due** to extended **ischemia**. **Myocardial** reperfusion is the restoration of coronary blood flow after a period of coronary occlusion. Reperfusion has the potential to salvage **ischemic myocardium** but paradoxically can **cause injury**, a phenomenon called as 'reperfusion injury' (IR).

Cited by: 61 **Author:** Satwat Hashmi, Suhail Al-Salam

Publish Year: 2015

The utility of troponin measurement to detect myocardial ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2941782>

Sep 07, 2010 · Serum biomarkers of **myocardial** necrosis have a vital **role** in the **detection** of cardiac **ischemia**, but the diagnosis of MI is not predicated exclusively on the presence of increased biomarkers. The diagnosis of **myocardial infarction** should be used when both biomarkers are detected and the clinical setting is consistent with **myocardial ischemia**.

Cited by: 146 **Author:** Melissa A Daubert, Allen Jeremias

Publish Year: 2010

Differences Between Myocardial Ischemia and Myocardial ...

www.differencebetween.net/science/health/... ▾

Definitions Causes Signs and symptoms Diagnosis Treatment

Myocardial ischemia and myocardial infarction are both conditions defining the failing condition of the <http://www.differencebetween.net/science/health/differences-between-myocardial-ischemia-and-myocardial-infarction/> in blood supply to the heart tissue which leads to chest pain or angina pectoris, myocardial infarction is the end point of this ischemia that results in death of heart tissue due to absence of blood supply. Myocardial infarction is what is commonly termed as a heart attack and is often the result of a prolonged and untreated myocardial isch...

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Aug 01, 2015 · Murine model of myocardial infarction and ischemia reperfusion injury. The hearts were washed in ice cold PBS, right ventricle and both atria dissected away and left ventricle immediately frozen in liquid nitrogen and later stored in -80°C freezer. Blood was also collected in EDTA vacutainers and centrifuged at 3000 RPM for 15 minutes.

Cited by: 20

Author: Satwat Hashmi, Suhail Al-Salam

Publish Year: 2015

Diagnostic markers of acute myocardial infarction

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4660641>

Jul 29, 2015 · **Acute myocardial infarction** (AMI) is a major cause of morbidity and mortality worldwide. The highest risk of fatality occurs within the initial hours of onset of AMI. Thus, early diagnosis of cardiac ischemia is critical for the effective management of patients with AMI.

Cited by: 19

Author: Sabesan Mythili, Narasimhan Malathi

Publish Year: 2015

[PDF] Hypertension and myocardial infarction - JACC: Journal ...

www.onlinejacc.org/content/accj/1/2_Part_1/528.full.pdf

Hypertension is linked to myocardial infarction as a risk factor, an atherogenic factor and a hemodynamic factor. It may also occur in the course of an acute myocardial infarction. Both these disorders have serious adverse cardiac effects and both have profound effects on morbidity and mortality.

Cited by: 6

Author: Francis G. Dunn

Publish Year: 1983

Myocardial Infarction Type 2 and Myocardial Injury ...

clinchem.aaccjnls.org/content/63/1/101 ▾

Jan 01, 2017 · Interrelationship between T2MI and Myocardial Injury. Myocardial injury is a prerequisite for the diagnosis of MI in the setting of acute myocardial ischemia. However, myocardial injury is ...

Cited by: 28

Author: Yader Sandoval, Yader Sandoval, Kristian...

Publish Year: 2017

Acute myocardial infarction and heart failure: Role of ...

<https://www.sciencedirect.com/science/article/pii/S1357272506001543>

Apoptosis is a key pathologic feature in acute myocardial infarction and heart failure. Experimental

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The echocardiogram is a standard tool in the management of patients with acute myocardial infarction (MI). ... (See "Diagnosis of acute myocardial infarction".) Echocardiography is an accurate noninvasive test that enables detection of evidence of myocardial dysfunction caused by ischemia or necrosis [1]. 2018年1月24日

[Role of echocardiography in acute myocardial infarction ...](#)<https://www.uptodate.com/contents/role-of-echocardiography-in-acute-m...>[进一步了解这项结果](#) [提供意见](#)

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作者: M Esmailzadeh - 2013 - 被引用次数: 30 - 相关文章

2013年1月8日 - It is the most frequently used cardiovascular diagnostic test after ... Since the mortality and morbidity of ischemic heart disease improves ... The backbone for the diagnosis of myocardial infarction comprises the The Role of Echocardiography for Detection of Complications of Acute Myocardial Infarction.

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