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May 28, 2015 · Coronary artery disease is currently a worldwide epidemic with increasing impact on healthcare systems. Magnetic resonance imaging (MRI) sequences give complementary information on LV function, regional perfusion, angiogenesis, myocardial viability and orientations of myocytes.

Cited by: 26

Author: Maythem Saeed, Tu Anh Van, Roland Kru...

Publish Year: 2015

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**Name of Journal:** *World Journal of Cardiology*

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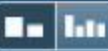
**Cardiovascular magnetic resonance: Stressing the future**

Ioannis Merinopoulos, Tharusha Gunawardena, Simon C Eccleshall, Vassilios S Vassiliou

### **Abstract**

Non-invasive cardiac stress imaging plays a central role in the assessment of patients with known or suspected coronary artery disease. The current guidelines suggest

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Jun 07, 2017 · Cardiovascular magnetic resonance of the future Decades of technical developments have generated a breath-taking world of CMR techniques with gold standard level approaches for **analysing morphology, function, tissue, and metabolism** (see Table 2 ).

**Cited by:** 5**Author:** Matthias G. Friedrich**Publish Year:** 2017**Author:** Friedrich, Matthias G.

## Pharmacological Stress Cardiovascular Magnetic Resonance

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3767031>

**Cardiovascular magnetic resonance** (CMR) is a relatively unique imaging modality in that it can be used to depict left ventricular (LV) wall motion and myocardial perfusion with high spatial resolution in virtually any imaging plane without exposure to ionizing radiation. 1-5 Stress CMR tests may incorporate assessments of either LV wall motion ...

**Cited by:** 2**Author:** Runyawan Chotenimitkhun, W. Gregory ...**Publish Year:** 2011

## Cardiovascular magnetic resonance myocardial feature ...

<https://jcmr-online.biomedcentral.com/articles/10.1186/1532-429X-13-58> ▾

Cardiovascular magnetic resonance (CMR) plays an increasingly important role in the diagnosis and assessment of **coronary artery disease** (CAD). It has evolved into a comprehensive clinical tool with the unique capability of assessing **myocardial function**; viability and perfusion in a single examination [1].

**Cited by:** 116**Author:** Andreas Schuster, Shelby Kutty, Asif Padi...**Publish Year:** 2011

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