

Name of Journal: *World Journal of Cardiology*

ESPS Manuscript NO: 32440

Manuscript Type: REVIEW

Cardiac damage in athlete's heart: When the "supernormal" heart fails

Andreina Carbone, Antonello D'Andrea, Lucia Riegler, Raffaella Scarafile,
Enrica Pezzullo, Francesca Martone, Raffaella America, Biagio Liccardo,
Maurizio Galderisi, Eduardo Bossone, Raffaele Calabrò

Abstract

Intense exercise may cause heart remodeling to compensate increases in blood pressure or volume by increasing muscle mass. Cardiac changes don't concern only the left ventricle, but all heart chambers. Physiological cardiac modeling in athletes is associated with normal or enhanced cardiac function, but recent studies have documented decrements in left ventricular function during intense

Match Overview

- | Rank | Source | Words | Match % |
|------|---|-------|---------|
| 1 | Crossref 69 words
La Gerche, Andre, "Can Intense Endurance Exercise Cause Myocardial Damage and Fibrosis? ", Current Sport | 69 | 2% |
| 2 | Crossref 67 words
Bernardo, B.C., "Molecular distinction between physiological and pathological cardiac hypertrophy: Experimental | 67 | 2% |
| 3 | Crossref 49 words
Shave, R., "Exercise-Induced Cardiac Troponin Elevation", Journal of the American College of Cardiology, 2010 | 49 | 1% |
| 4 | Crossref 45 words
G. W. Ching, "Cardiac hypertrophy as a result of long-term thyroxine therapy and thyrotoxicosis.", Heart, 4/1/199 | 45 | 1% |
| 5 | Internet 45 words
crawled on 14-Feb-2017
www.jove.com | 45 | 1% |
| 6 | Crossref 45 words
Limongelli, Giuseppe, Alessandra Rea, Daniele Masarone, M. Paola Francalanci, Aris Anastasakis, Raffaele Ca | 45 | 1% |



Cardiac damage in athletes: when the "supernormal" heart fails!



全部

图片

视频

新闻

购物

更多

设置

工具

找到约 8,410 条结果 (用时 0.69 秒)

显示的是以下查询字词的结果: Cardiac **damage** in athletes: when the "supernormal" heart fails!

仍然搜索: Cardiac damage in athletes: when the "supernormal" heart fails!

Competitive Sports and the Heart: Benefit or Risk?

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

作者: J Scharhag - 2013 - 被引用次数: 35 - 相关文章

2013年1月7日 - 5%) have structural heart **disease** unrelated to their **athletic** activity (e25). high levels only after **myocardial** infarction or in congestive **heart failure**. **Supernormal** diastolic function and role of left atrial **myocardial** ...

10 Reasons Why a Large "Athlete's Heart" is Usually Not Dangerous ...

<https://www.completehumanperformance.com/athletes-heart-2/> ▾ 翻译此页

作者: A Legge - 相关文章

2013年1月31日 - (75) This doesn't usually happen in people with **heart failure**, at least to the same degree.(76,77) Maron BJ, Pelliccia A. The heart of trained **athletes: cardiac** **Supernormal** Left Ventricular Diastolic Function in Triathletes.

Circulation: Heart Failure Topic Review

circ.heartfailure.ahajournals.org/content/circbf/7/1/231.full.pdf2download

翻译此页



Cardiac damage in athlete's heart: When the "supernormal" heart fails



全部

图片

视频

新闻

购物

更多

设置

工具

找到约 14,000 条结果 (用时 0.66 秒)

显示的是以下查询字词的结果: **Cardiac damage in *athletes* heart: When the "supernormal" heart fails**

仍然搜索: Cardiac damage in athlete's heart: When the "supernormal" heart fails

10 Reasons Why a Large "Athlete's Heart" is Usually Not Dangerous ...

<https://www.completehumanperformance.com/athletes-heart-2/> - 翻译此页

作者: A Legge - 相关文章

2013年1月31日 - (75) This doesn't usually happen in people with **heart failure**, at least to the same degree. (76,77) Maron BJ, Pelliccia A. The **heart** of trained **athletes: cardiac** **Supernormal** Left Ventricular Diastolic Function in Triathletes.

Competitive Sports and the Heart: Benefit or Risk?

[https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMedCentral\(PMC\)](https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMedCentral(PMC)) - 翻译此页

作者: J Scharhag - 2013 - 被引用次数: 36 - 相关文章

2013年1月7日 - The **athlete's heart** function is normal at rest and increases ... Competitive exercise does not induce **cardiac damage** in individuals with healthy **hearts**, but does high levels only after **myocardial** infarction or in congestive **heart failure**, **Supernormal** diastolic function and role of left atrial **myocardial** ...

Diastolic Dysfunction in Hypertensive Heart Disease Is Associated ...

circ.ahajournals.org/content/99/17/2261 - 翻译此页

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

找到约 18,300 条结果（用时 0.79 秒）

显示的是以下查询字词的结果： **Cardiac damage in *athletes* heart: When the "supernormal" heart fails!**

仍然搜索： **Cardiac damage in athlete's heart: When the "supernormal" heart fails!**

10 Reasons Why a Large "Athlete's Heart" is Usually Not Dangerous ...

<https://www.completehumanperformance.com/athletes-heart-2/> - 翻译此页

作者：A Legge - 相关文章

2013年1月31日 - (75) This doesn't usually happen in people with **heart failure**, at least to the same degree.(76,77) Maron BJ, Pelliccia A. The **heart** of trained **athletes: cardiac** **Supernormal** Left Ventricular Diastolic Function in Triathletes.

Competitive Sports and the Heart: Benefit or Risk? - NCBI - NIH

[https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMed Central \(PMC\)](https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMedCentral(PMC)) - 翻译此页

作者：J Scharhag - 2013 - 被引用次数：36 - 相关文章

2013年1月7日 - The **athlete's heart** function is normal at rest and increases ... Competitive exercise does not induce **cardiac damage** in individuals with healthy **hearts**, but does high levels only after **myocardial** infarction or in congestive **heart failure**. **Supernormal** diastolic function and role of left atrial **myocardial** ...

[PDF] Athletic Heart 2 - Carilion Clinic

<https://www.carilionclinic.org/.../9%20The%20Athletic%20Heart%20%20Jo...> ▼ 翻译此页

Discuss how the **heart** adapts to **athletic** training. • Heath versus ... **Cardiac** Remodeling: Health versus **Disease**. • Courtesy of A. ... **supernormal** peak early diastolic velocity (e'). This represents Document success and **failure**. • Continually ...

Download PDF - Circulation: Heart Failure