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## Exercise-Induced Cardiac Troponin Elevation : Evidence ...

<https://www.sciencedirect.com/science/article/pii/S0735109710017055>

Jul 13, 2010 · Although **regular exercise training reduces cardiovascular disease risk**, recent studies have documented **elevations in cardiac troponin (cTn)** consistent with **cardiac damage** after **bouts of exercise** in apparently healthy individuals.

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Author: Rob Shave, Aaron Baggish, Keith George...

Publish Year: 2010

## Exercise-Induced Cardiac Troponin Elevation | JACC ...

[www.onlinejacc.org/content/56/3/169](http://www.onlinejacc.org/content/56/3/169)

Jul 13, 2010 · Although **regular exercise training reduces cardiovascular disease risk**, recent studies have documented **elevations in cardiac troponin (cTn)** consistent with **cardiac damage** after **bouts of exercise** in apparently healthy individuals.

Cited by: 365

Author: Rob Shave, Aaron Baggish, Keith George...

Publish Year: 2010

## Exercise-induced cardiac troponin elevation: An update on ...

<https://www.sciencedirect.com/science/article/pii/S2352906719300156>

Exercise-induced **cardiac troponin elevation**: ... Furthermore, the use of different assays, each with its own sensitivity and **specificity** and threshold levels for detection and limit, makes cross comparison of results difficult. Finally, the timing for sampling **troponin** can differ between trials. ... The **impact** of exercise duration and intensity ...

## Effect of Antioxidant Supplementation on Exercise-Induced ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3834092>

**Oxidative stress** associated with prolonged exercise has been proposed to contribute to cardiac troponin release. Therefore, the aim of this study was to assess the effect of 4 week **astaxanthin supplementation** (a **potent carotenoid antioxidant**) on **antioxidant capacity** and exercise-induced cardiac troponin release in cyclists.

Cited by: 13

Author: Lieke J. J. Klinkenberg, Peter T. Res, Gui...

Publish Year: 2013

## Impact of Statin Use on Exercise-Induced Cardiac Troponin ...

[https://www.researchgate.net/publication/263860763\\_Impact\\_of\\_Statin\\_Use\\_on\\_Exercise...](https://www.researchgate.net/publication/263860763_Impact_of_Statin_Use_on_Exercise...)

Although **regular exercise training reduces cardiovascular disease risk**, recent studies have documented **elevations in cardiac troponin (cTn)** consistent with **cardiac damage** after **bouts of exercise** ...

## Impact of training specificity on exercise-induced cardiac troponin elevations in professional athletes: A pilot study

Johan O. Wedin, Nicolena S. Nyberg, Anders E. Henriksson

### Abstract

#### *BACKGROUND*

Release of cardiac biomarkers is common after strenuous endurance exercise, but data on intermittent exercise is scarce. It has not been investigated whether cardiac troponin elevations are influenced depending on the type of exercise that an athlete is adapted to perform. We hypothesized that intermittent but not continuous exercise induce cardiac troponin elevations in professional athletes adapted to high-intensity intermittent exercise.

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## Exercise-Induced Cardiac Troponin I Increase and Incident ...

<https://www.ahajournals.org/doi/10.1161/CIRCULATIONAHA.119.041627>

The present **study** suggests that exercise-induced increase in **troponin** may not be a benign physiological response to exercise, but an early marker of future mortality and cardiovascular events. Higher concentrations of postexercise **troponin** may represent myocardial injury because of underlying, subclinical, cardiac pathology.

Cited by: 1

Author: Vincent L. Aengevaeren, Maria T.E. Hop...

Publish Year: 2019

## Physical activity, exercise and cardiac troponins ...

<https://www.sciencedirect.com/science/article/pii/S0033062019300404>

The possibility of measuring troponin molecules that are specific for **ischemia-induced necrosis** would simplify diagnosis of **acute coronary syndromes**. Stable elevation of cardiac troponin suggests **chronic myocardial injury**, and has been linked to sedentary life style, **low physical fitness**, and increased risk of CVD in general, and HF in particular.

Cited by: 2

Author: Kristin M. Aakre, Kristin M. Aakre, Torbjør...

Publish Year: 2019

## The impact of exercise intensity on cardiac troponin I ...

[https://www.researchgate.net/publication/259245602\\_The\\_impact\\_of\\_exercise\\_intensity\\_on...](https://www.researchgate.net/publication/259245602_The_impact_of_exercise_intensity_on...)

The **impact** of exercise intensity on cardiac troponin I release ... This **study** aims to demonstrate exercise induced MF is associated with cardiac damage, and inflammation is essential to the ...

## Troponin and exercise | Request PDF - ResearchGate

[https://www.researchgate.net/publication/304618156\\_Troponin\\_and\\_exercise](https://www.researchgate.net/publication/304618156_Troponin_and_exercise)

Aims This study characterized (1) the cardiac troponin T (cTnT) response to three forms of **acute high-intensity interval exercise (HIE)**, and (2) the impact of 12 weeks of HIE training on the ...

## The Impact of Excessive endurance exercise on the heart ...

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[Exercise-induced cardiac troponin release: real-life clinical ...](#)

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作者: TM Eijssvogels - 2011 - 被引用次数: 15 - 相关文章

Exercise training represents a successful and powerful strategy to prevent future ... of studies have reported elevated cardiac troponin levels in asymptomatic, ...

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作者: P Baker - 2019 - 相关文章

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作者: J Scharhag - 被引用次数: 52 - 相关文章

2012年7月12日 - SUMMARY. Background: Controversy surrounds the