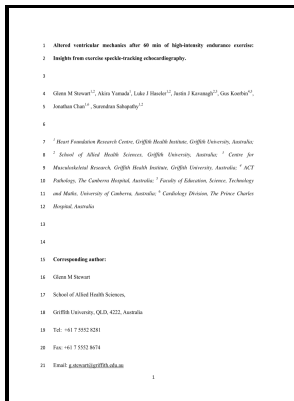


# Impact of exercise duration and environmental conditions upon the incidence of exercise induced cardiac fatigue (EICF).

University of Wolverhampton - British Library EThOS: The impact of exercise duration and environmental conditions upon the incidence of exercise induced cardiac fatigue (EICF)



Description: -

-impact of exercise duration and environmental conditions upon the incidence of exercise induced cardiac fatigue (EICF).

-impact of exercise duration and environmental conditions upon the incidence of exercise induced cardiac fatigue (EICF).

Notes: Dissertation (Ph.D.) - University of Wolverhampton 2003.

This edition was published in 2003



Filesize: 57.73 MB

Tags: #Impact #of #exercise #intensity #on #cardiac #function #in #adolescent #runners

## Bioinformatics and Genomics @ CRG

Methods Twenty-one healthy individuals mean age, 22. This study examined the influence of exercise duration and intensity on the appearance of cardiac biomarkers.

### Impact of exercise intensity on cardiac function in adolescent runners

Conclusions There was no impact of hypoxia on the magnitude of exercise-induced cardiac fatigue in the right and left ventricles after a 45-min bout of high-intensity exercise.

## British Library EThOS: The impact of exercise duration and environmental conditions upon the incidence of exercise induced cardiac fatigue (EICF)

AIM: Investigate the acute effects of a bout of high-intensity exercise under hypoxia versus normoxia in healthy individuals on right- and left-sided cardiac function and mechanics. The aim of this study was to investigate the acute effects of a bout of high-intensity exercise under hypoxia versus normoxia in healthy individuals on right- and left-sided cardiac function and mechanics. RV structure, function and mechanics were assessed using conventional 2D, Doppler, tissue Doppler, speckle tracking echocardiography and novel strain-area loops.

## Exercise

The impact of prolonged exercise in a cold environment upon cardiac function.

Pre- and post-exercise echocardiography, at rest and during low-to-moderate intensity recumbent exercise 'stress' , was performed to assess RV and LV cardiac function and mechanics.

### **Bioinformatics and Genomics @ CRG**

This first published genome of a basal hemimetabolous insect, provides an out-group for comparison with other sequenced insects, and paves the way to elucidate molecular mechanisms in Negative selection prevents the fixation of deleterious alleles. However, data related to the cardiovascular consequences of prolonged exercise in adolescents are extremely limited.

### **Bioinformatics and Genomics @ CRG**

In this article we present the modern state of the theory of duplicated genes and provide concrete recommendations for future experiments that may do a better job at elucidating the selective mechanisms at work in the evolution of duplicated genes. Background Acute exercise promotes transient exercise-induced cardiac fatigue, which affects the right ventricle and to a lesser extent the left ventricle.

## Related Books

- [Disputatio medica inauguralis De morbo puerili anglorum, quem patrio idiômate indigenae vocant the r](#)
- [Desarrollo social del Uruguay en la postguerra - ensayo](#)
- [Fur trade canoe routes of Canada: then and now](#)
- [Using FoxPro 2.5 for Windows](#)
- [War and children](#)