Author's response to reviews

Title: Circadian analysis of myocardial infarction incidence in an Argentine and Uruguayan population

Authors:

Carlos E D'Negri (cnegri@fibertel.com.ar)
Leonardo Nicola-Siri (nicolasirileo@yahoo.com)
Daniel E Vigo (dvigo@fmed.uba.ar)
Luis A Girotti (lgirotti@gema.org.ar)
Daniel P Cardinali (cardinal@mail.retina.ar)

Version: 2 Date: 18 October 2005

Author's response to reviews: see over
Buenos Aires, October 18, 2005

Editor, BMC Cardiovascular Disorders

Dear Editor

Enclosed you will find the revised version of manuscript MS: 1652481183773744 - Circadian analysis of myocardial infarction incidence in an Argentine and Uruguayan population. The manuscript was re-written following Referees’ comments. I will enumerate reviewers’ concerns and our answers

Reviewer: Dr. Gregory Lip... I suggest more detail should be provided on the study population patient comorbidities and concomitant drug therapies...

Table 1 is now included with the information requested

Reviewer: Dr. Roberto Manfredini ... The double-peak distribution of MI was reported more than a decade ago by several investigators...

The text was changed accordingly (Introduction, 1st paragraph)

Moreover, an identical temporal pattern, characterized by the same double-peak curve, has been reported...

The text was changed accordingly (Introduction, 1st paragraph)

...Afternoon siesta, in fact, may act as a triggering factor...

The text was changed accordingly (Discussion, 8th paragraph)

Finally, the method of analysis may be rather complicated for readers not familiar with chronobiology...

In our view to change the mode of describing the curves will impoverish the message of the manuscript since many harmonics are needed to fit what is achieved with a single gaussian description. Therefore we insist in the way of presenting the results.

We are indebted for reviewers’ coments since they helped us to improve our work.

With all good wishes,

Yours sincerely

Daniel P. Cardinali MD PhD
Professor of Physiology