Safety of long-acting β2-agonists in asthma

In their review on the safety of long-acting β2-agonists in asthma, Rodrigo et al report that severe asthma-related complications were more frequent in patients receiving...
formoterol 24 µg twice daily (0.9%) than in those receiving formoterol 12 µg twice daily (0.4%) or placebo (0.2%) in a multicentre randomised trial.2 The original study reports different percentages of asthma-related complications in the treatment groups (table 1), and both serious asthma exacerbations and a combined outcome including serious asthma exacerbations, asthma-related discontinuations and emergency visits for asthma did not show statistically significant differences between the treatment groups.2 Consequently, the statement by Rodrigo et al1 that higher doses of formoterol are associated with an increase in serious asthma exacerbations is disputable. Concerns about the safety of long-acting β2-agonists therapy are a matter of ongoing discussion, and a recently promoted FDA study3 may hopefully clarify the risk associated with the regular use of long-acting β2-agonists for the treatment of asthma.

Fernando Maria de Benedictis, Ines Carloni
Department of Mother and Child Health, Salesi Children’s Hospital, Ancona, Italy

Correspondence to Professor Fernando Maria de Benedictis, Department of Mother and Child Health, Salesi Children’s Hospital, Via Corridoni, 11, Ancona 60123, Italy; debenedictis@ospedaliriuniti.marche.it

Competing interests None.

Provenance and peer review Not commissioned; internally peer reviewed.

Accepted 12 April 2012
Published Online First 1 May 2012

doi:10.1136/thoraxjnl-2012-201991

REFERENCES
Safety of long-acting $\beta_2$-agonists in asthma

Fernando Maria de Benedictis and Ines Carloni

*Thorax* 2012 67: 1014-1015 originally published online May 1, 2012
doi: 10.1136/thoraxjnl-2012-201991

Updated information and services can be found at:
http://thorax.bmj.com/content/67/11/1014.3

These include:

**References**

This article cites 3 articles, 1 of which you can access for free at:
http://thorax.bmj.com/content/67/11/1014.3#ref-list-1

**Email alerting service**

Receive free email alerts when new articles cite this article. Sign up in the box at the top right corner of the online article.

Notes

To request permissions go to:
http://group.bmj.com/group/rights-licensing/permissions

To order reprints go to:
http://journals.bmj.com/cgi/reprintform

To subscribe to BMJ go to:
http://group.bmj.com/subscribe/