Reviewer's report

Title: Clinical assessment of atropine-sufentanil-atracurium anaesthesia for endotracheal intubation: an observational study in very premature infants

Version: 2  
Date: 27 March 2014

Reviewer: Peter Jones

Reviewer's report:

Major changes (lines)

title the pCO2 is not a 'clinical' measure. the title would read better as just 'Assessment...' or 'Evaluation...'  
235 remifentanil is an opioid and not an anesthetic  
45 and 314 no definition of ‘haemodynamic stability/tolerance’ is given, as such it is only possible to say that there were no significant changes in heart rate and blood pressure

minor changes (lines)

25 not consensual to contentious  
47 cautious looked after to followed  
48-49 delete last sentence  
65-69 change

Randomized controlled trials (RCT) usually provide reliable evidence. However, since real practice does not always correspond to conditions used or regimens studied in RCT [16], knowledge can be increased by observational studies that assess bedside practices [21, 22]. The latter studies are necessary to objectively evaluate the consequences of actual practices.

Randomized controlled trials (RCT) generally provide reliable evidence. However, real practice does not always correspond to bedside conditions [16]. As such, observational studies are frequently beneficial in providing data from actual clinical practice [21, 22].

69-71 delete

In this study, we report our experience with an anaesthesia regimen used in daily practice for endotracheal intubation of premature infants born under 32 weeks of gestational age (GA)

add

in a group of premature infants born under 32 weeks of gestational age (GA) to the end of the sentence in line 77
88 injection with which drug?
90 nare to nostril
94 overtake to take over
122 change to ‘Data regarding the quality of intubation conditions were …’
149 change to independent observations
185 change globally to generally
237 change adequate to appropriate
267 change at to for
304 change spread to in use

- Discretionary Revisions

It would be very helpful to know the number of intubations potentially available for inclusion and number of non-inclusions during the period studied.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I have no competing interests to declare.