Reviewer's report

Title: A simple statistical model for prediction of acute coronary syndrome in chest pain patients in the emergency department

Version: 1 Date: 5 December 2005

Reviewer: Anne-Maree Kelly

Reviewer's report:

General

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached):
1. Justify definitions especially 'acceptable clinical sensitivity' and 'ACS'. 95% identification would no longer be the accepted standard in most countries.
2. Provide 95% CI around NPV and PPV values.
3. Explain why the number of AMI exceeds ACS ..this ratio is quite unusual.
4. Describe how application of the 8.6% likelihood cut-off would have impacted admission rates/ bed days?

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Discretionary Revisions (which the author can choose to ignore)

What next?: Reject because scientifically unsound

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:
I have no competing interests