Reviewer's report

Title: Celecoxib Concentration Predicts Decrease In Prostaglandin E2 Concentrations In Nipple Aspirate Fluid From High Risk Women

Version: 1 Date: 13 June 2007
Reviewer: William Dooley

Reviewer's report:

General - this is a well written manuscript describing a careful and thoughtful study the improve understanding of the effects of a cox-2 inhibitor on nipple secretion. The work is to be praised in its clarity and detail. Given sample size statistical analysis seems appropriate.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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

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Discretionary Revisions (which the author can choose to ignore)

The only glaring missing detail is a description of how you decided which patients would recieve the 200mg dose and which the 400mg dose. I initially thought you randomized between doses - assumed- but you clearly had more patients assigned to the 400mg dose arm (see page 8 "Subject section"). Could you clear up for us how you decided which patients got which dose and were these assignments open to any biases?

What next?: Accept after discretionary revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests