

Reviewer's report

Title: Frequency and patterns of early recanalization after vasectomy

Version: 1 **Date:** 19 April 2006

Reviewer: Timothy Hargreave

Reviewer's report:

General

It would be helpful for the authors to comment on the timing of post vasectomy semen analysis. Their work indicates that the rate of temporary recanalisation is higher than previously thought but to a certain extent that does not matter if it occurs and has resolved before the post vasectomy semen analysis.

It would be interesting to know whether those men who exhibit temporary recanalisation are at risk of late recanalisation - Do they have any plans for long term follow up?

It is difficult to know how recanalisation can occur through a fascial plane - what mechanism do they propose. It is difficult to see how the vas can recanalise if there is a true fascial interposition unless the fascial interposition is disrupted by haematoma or infection. In their study was there any relationship between adverse events and temporary recanalisation? As their results are based on prospective study data they should be able to answer this question.

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

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?: Accept after discretionary revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

no competing interests