Reviewer’s report

Title: Cold Saline Irrigation of the Renal Pelvis During Radiofrequency Ablation of a Central Renal Neoplasm

Version: 4 Date: 11 May 2007

Reviewer: Tze M. Wah

I am familiar with the literature and believe that this case meets one of the 7 criteria for evaluation in the journal: Presentations, diagnoses and/or management of new and emerging diseases

Has the case been reported coherently?: Yes

Is the case report authentic?: No

Is this case worth reporting?: No

Is the case report persuasive?: No

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: No

Will the case report make a difference to clinical practice?: No

Comments to authors:

This paper is unsuitable for publication because:

1. Pyeloperfusion of the renal pelvis during renal RFA for centrally located tumour with cold fluid using retrograde catherisation technique had been reported previously- Wah et al JVIR 2005.

2. Using saline perfusion is generally a bad idea in conjuction with RFA treatment, because the ionic saline fluid has the potential to transmit heat and this would risk further urothelial injury. It is widely accepted that amongst the operators with significant experience in renal RFA, using cold Dextrose fluid is the best way to protect the collecting system during RFA for centrally located tumour. Therefore reporting cold saline perfusion of the renal pelvis during renal RFA would be misleading for readers.

What next?: Reject

Quality of written English: Acceptable