Reviewer's report

Title: Mycotic aneurysm of the inferior gluteal artery caused by non-typhi Salmonella in an HIV-infected patient: a case report

Version: 4 Date: 31 January 2010

Reviewer: Shane Killeen

Which of the following best describes what type of case report this is?: Presentations, diagnoses and/or management of new and emerging diseases

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

This case is well written and highlights an important issue for not just HIV patients but any immunocompromised patient namely the possibility of opportunistic infection. It also indicates the need for a high index of suspicion with respect to the presence of a possible mycotic aneurysm.

I think the authors should specifically indicate that it is not wise to aspirate such lesions and perform an ultrasound scan first even when resources are limited.

Also the authors should mention that a specimen from the aneurysm should be sent for culture and analysis to confirm definitively that non typhi salmonella was the causative organism given that the patient is immunocompromised and possibly suffering from multiple opportunistic infections.
Quality of written English: Acceptable

Declaration of competing interests:
No competing interests