Reviewer's report

Title: Use of an Amplatzer vascular plug in embolization of a pulmonary artery aneurysm in a case of Hughes-Stovin Syndrome: a case report

Version: 1 Date: 12 June 2011

Reviewer: Emmanouil Ioannis Kapetanakis

Which of the following best describes what type of case report this is?: Other

If other, please specify:

A novel and innovative, minimally invasive technique to treat a rare condition.

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:

I read with interest the case report submitted to the Journal to be considered for publication by Professor Brountzos and his vascular surgeon colleagues in which they describe a very innovative endovascular technique to occlude and thrombose a large pulmonary artery aneurysm in a patient with Hughes-Stovin syndrome. As the authors' have very poignantly pointed out Hughes-Stovin syndrome produces large pulmonary artery aneurysms which usually cause fatal haemoptysis. As such this new minimally invasive technique has allowed this 18 year old male patient to remain free of complications for 36 months following the
procedure.

Overall the case is well written with the authors thoroughly presenting the relevant pathophysiology of Hughes-Stovin syndrome and expanding upon medical and surgical treatment in the discussion. They rightly claim that the high morbidity and mortality of surgery and the frequent bilaterality and multifocality of the pulmonary artery aneurysms found in these patients makes transcatheter embolization and attractive alternative therapy.

As this is the first report of the Amplatzer Vascular Plug been utilized in this way I feel the case has both innovative and educational merit for publication.

**Quality of written English:** Needs some language corrections before being published