Reviewer's report

Title: Radiofrequency-induced thermotherapy of nasopharyngeal angiofibroma - immunohistochemical analysis of vessel proliferation: a case report

Version: 3 Date: 28 March 2008

Reviewer: JP Windfuhr

I am familiar with the literature and believe that this case meets one of the 9 criteria for evaluation in the journal: Other

If other, please specify:
new management protocol for angiofibroma including histological evaluation

Has the case been reported coherently?: Yes
Is the case report authentic?: Yes
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?: No
Will the case report make a difference to clinical practice?: No
Is the anonymity of the patient protected?: Yes

Comments to authors:

Nicely written paper that deserves publication. Some minor revisions may contribute to increase the understanding of the paper.

Pg 4, line 9 an arteriogram was performed and showed the blood supply of the tumor

Pg 7, line 17 please correct “evens”

Introduction: the authors should clearly state, what they wanted to find out when they decided to treat the patient different to the common concept of embolization followed by surgery; be concise in rewording the goal of this study
Case report: biopsies were taken in February, September and December; were dates chosen by chance or by clinical features (which?)

Discussion: How was the evaluation by immunochemistry planned? Please explain to the readers the value of the different staining. Please note, that not every surgeon is familiar with Ki67, CD34, SMA and the value of double immunohistochemical staining. The more you explain the experimental part, the more readers will cite the article due to an improved understanding. Why did you choose double immunostaining at the control and not initially?

Please state clearly, which values speak for endothelial and which for pericyte proliferation

Quality of written English: Acceptable

Declaration of competing interests:

'I declare that I have no competing interests', jw