Reviewer's report

**Title:** Spontaneous regression of metastatic renal cell carcinoma: case report

**Version:** 2  **Date:** 19 July 2007

**Reviewer:** Kai-Kuen Leung

I am familiar with the literature and believe that this case meets one of the 7 criteria for evaluation in the journal: Findings that shed new light on the possible pathogenesis of a disease or an adverse effect

**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?:** Yes

**Comments to authors:**

General
The manuscript described a rare but important finding that may shed light on the pathogenesis of renal cell carcinoma.

Revisions necessary for publication
1. Page 2. para. 2 "There have been case reports in the literature that describe spontaneous regression of metastatic renal cancer." should be followed with citations.

3. Authors should discuss possible mechanisms of tumor regression that may be responsible to the spontaneous regression of metastatic renal cell carcinoma especially the role of some tumor growth factors which was mentioned in the literature.

4. Suggestions in figure legends:

figure 1. CXR showing multiple bilateral lung metastases at diagnosis
figure 3. CXR showing no evidence of lung metastases at six weeks after nephrectomy

What next?: Accept after minor revisions

Quality of written English: Acceptable