Reviewer’s report

Title: Bowel ischemia in an infant with unspecified renovascular hypertension: Case report

Version: 1 Date: 5 September 2011

Reviewer: George Reusz

Which of the following best describes what type of case report this is?: Unreported or unusual side effects or adverse interactions involving medications

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?: 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?: Yes

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

Is the anonymity of the patient protected?: Yes

Comments to authors:

The paper of Omar O and coworkers presents a case of infantile renovascular hypertension due to congenital multiple visceral arterial stenoses. As the management of these rare cases has not been standardized yet, it is of importance to publish individual therapeutic experience.

In the case presented medical management of hypertension to normal levels resulted in severe bowel ischemia. The patient survived the acute ischemic period, and recovered from the short bowel syndrome.

With a more permissive antihypertensive approach the patient has good organ function grace to the development of collaterals. Further her blood pressure normalized and she is off antihypertensive treatment.
The authors conclude that keeping BP at the highest levels permissible in similar clinical situations may prevent a state of bowel hypoperfusion. When alternative treatments for congenital multiple visceral arterial stenoses are not feasible, careful medical therapy and waiting approach for collaterals to develop may be appropriate.

In order to allow an estimation of the magnitude of the BP raise, please express the BP values as standard deviation scores for age.

Quality of written English: Acceptable

Declaration of competing interests:

'I declare that I have no competing interests’