Reviewer’s report

Title: Role Of Vasopressin In The Treatment Of Anaphylactic Shock In A Child Undergoing Surgery For Congenital Heart Disease: Case Report

Version: 2 Date: 9 November 2007

Reviewer: Constantinos Chrysostomou

I am familiar with the literature and believe that this case meets one of the 7 criteria for evaluation in the journal: Unreported or unusual side effects or adverse interactions involving medications

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?: Yes

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

Comments to authors:

General
This is a well written case report about the use of Vasopressin in vasoplegic shock. This and other case reports increase the awareness about epinephrine and norepinephrine resistant shock and early administration of vasopressin. Dr. Di Chiara has nicely reviewed the pathomechanism of this type of shock and gives us a brief explanation why the use of vasopressin is applicable in this setting.

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Revisions necessary for publication

Some grammar revisions are necessary for publication
1. Page 4, par 1, line 6: change "hemodinamic" to "hemodynamic"
2. Page 5, par 1, line 4: change "patophysiologic' to "pathophysiologic"
3. Page 5, par 1, line 18: Change the sentence to "Moreover, vasopressin raises the vasoconstrictive effect of norepinephrine, the plasma concentration of which is markedly elevated, in the course of vasodilatory shock"
4. Page 5, par 1, line 22: add the word "shock" after anaphylactic.
5. Page 6, par 1, line 3: change "diuresis contraction" to "contraction diuresis"
6. Page 6, par 2, line 2: delete "treatment in" and delete "s" from corticosteroids
7. Page 6, par 2, line 3: delete "e" from Vasopressine
8. Page 6, par 2, line 5: I would change the last sentence from "......and eventually to death." to "and cell death"

**What next?:** Accept after minor revisions

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