Reviewer's report

Title: A case of acute hydrothorax complicating peritoneal dialysis

Version: 2 Date: 15 June 2010

Reviewer: ganesh gopalakrishnan

Which of the following following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

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?: No

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 authors have described a rare complication of PD. It is still not clear as to why this happened. The authors need to look at whether embryological pleuro-peritoneal channels can open up later in life due to undue intrabdominal pressure build up.

This patient developed pleuritic chest pain and dyspnoea which prompted a chest skiagram. However I find that the pleural fluid has not been sent for culture or routine analysis to look for increased polymorphs. The peritoneal fluid being negative does not necessarily rule out the possibility of subsequent infection. These omissions need to be addressed in the text of the report before it is accepted for publication.

Quality of written English: Acceptable
Declaration of competing interests:

'I declare that I have no competing interests'