

Review Form 1.7

Journal Name:	Asian Journal of Research in Surgery
Manuscript Number:	Ms_AJRS_106211
Title of the Manuscript:	A retrospective 30 years' study on hydatid disease conducted in a private centre.
Type of the Article	Case study

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Hydatid cyst, a zoonotic disease caused by cestodes of the genus Echinococcus, continues to be a serious public health problem in endemic area. Hence, the manuscript is important for scientific community.</p> <p>2. I would suggest "Hydatid disease: Long term, single centre experience".</p> <p>3. The abstract of the article is comprehensive.</p> <p>4. Few points to add, Etiopathology – Till date Echinococcus granulosus was considered as a sole causative agent, however advances in genetic epidemiology have identified other species like E. canadensis, E. ortlepp, E. felidis, E. equinus, E. multilocularis, E. oligarthra, E. vogel, E. shiquicus, around the globe. Clinical features- Cysts in the liver often present with upper abdominal discomfort and poor appetite, they can grow large in size causing compression of bile ducts causing jaundice. Lung hydatids may cause chest pain, cough, or haemoptysis. Occasionally rupture of cyst in alveoli may cause expulsion of hydatid materials. Headache, convulsions, and paralysis may be caused by brain hydatid cyst. Cyst rupture in any organ can induce fever, urticaria, eosinophilia, and allergic anaphylactic shock. Diagnosis - WHO-IWGE [World Health Organization Informal Working Group on Echinococcosis] has proposed an international classification of ultrasound images in cystic echinococcosis and FDG-PET/ MRI findings in alveolar echinococcosis for application in clinical and field epidemiological settings. Treatment - Ex vivo liver resection followed by auto transplantation (ELRA) is a surgical procedure for excising lesions following removal of the liver from the patient; the remaining lesion-free liver is then transplanted back to patient. Prevention – Vaccination of domestic animals in high-risk areas is ongoing research topic. Currently treating pets like dogs with albendazole can be considered as prevention strategy.</p> <p>5.The manuscript is scientifically correct.</p> <p>6. References –</p> <p>a) Brunetti E, Kern P, Vuitton DA. 2010. Expert consensus for the diagnosis and treatment of cystic and alveolar echinococcosis in humans. ActaTrop 114:1–16.</p> <p>b) Wen H, Vuitton L, Tuxun T, Li J, Vuitton DA, Zhang W, McManus DP. 2019.Echinococcosis: advances in the 21st century. Clin Microbiol Rev 32: e00075-18.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language/English quality of the article is suitable for scholarly communications.</p>	
<p>Optional/General comments</p>	<p>Nil</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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