6 Senses while considering hydatid cyst as a differential for a swelling at nape of the neck : A Case Report

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Abstract

Statement of the Problem: While cervical swellings usually are located in anterior midline like thyroglossal cyst, thyroid swellings etc or in antero-lateral aspect of neck like cold abscess, branchial cyst, lymphangioma, cervical lymphadenopathy etc. Nape of the neck swelling is even less common with differentials including lipoma, sebaceous cyst, lymphangioma, etc. Hydatid cyst is often missed as a differential resulting in intraoperative surprises.

Methodology & Theoretical Orientation: This case report might change the mind of the readers to keep hydatid cyst in back of their minds while approaching a case of swelling of the neck.

Findings: Here we report a case of 15years female who presented with swelling of nape of neck which on evaluation was inclining towards lipoma/epidermal cyst. With an intention for surgical exploration & excision patient was taken for operation, where we discovered it to be Hydatid cyst which was later confirmed by histopathology as well.

Conclusion & Significance: Because of its rare presentation the primary diagnosis of hydatid cyst is often missed out in spite of having sensitive cytology and imaging modalities. Hence, by reporting this case we intend to emphasize Six Facts a clinician, a radiologist and also a pathologist must consider while keeping primary hydatid cyst at an unusual site as a differential diagnosis.

Image :



Figure1 : Intraoperative finding of 3x3cm hydatidcyst present over nape of neck

Recent Publications :

[1] S. Suchitha, K. Vani, R. Sunila, G. V. Manjunath, "Fine Needle Aspiration Cytology of Cysticercosis—A Case Report", Case Reports in Infectious Diseases, vol. 2012, Article ID 854704, 2pages, 2012. https://doi.org/10.1155/2012/854704

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[6] Mariconti M, Bazzocchi C, Tamarozzi F, Meroni V, Genco F, Maserati R, Brunetti E. Immunoblotting with human native antigen shows stage-related sensitivity in the serodiagnosis of hepatic cystic echinococcosis. Am J Trop Med Hyg 2014; 90: 75-79. [PMID: 24297816 DOI: 10.4269/ajtmh.13-0341]

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