



Rare presentations of Intrabdominal Cysts : Diagnostic & Management Algorithm with Videos

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Abstract

Introduction: Intraabdominal cysts are uncommon disorders which may be caused by Echinococcus granulosus (hydatid cyst), simple cyst, cystic tumor, pseudoaneurysm presenting as cyst or mesenteric or simple cysts. **Material and methods:** Since our department of gastrointestinal, HPB and minimal invasive surgery deals with intraabdominal cases we present 26 cases of intraabdominal cysts which were accurately diagnosed preoperatively by imaging and various tests so as to offer accurate surgical procedure to these patients according to suspected pathology. Out of these 3 lesions were tumors (1 GIST, 1 immature teratoma, 1 biliary cyst adenoma), 3 dermoid cysts, 10 hydatid cysts at liver right lobe 6, left lobe 2, 1 diaphragmatic and 1 renal hydatid. 3 were pseudoaneurysms of splenic artery, 1 retroperitoneal cyst, 1 pelvic cyst, 3 mesenteric cyst and 2 simple liver cysts. In all cases we had preoperative detailed history, routine investigations, contrast enhance CT and USG for accurate diagnosis. Once diagnosed and details of nature of lesion are known it becomes easy to plan perioperative medical as well as surgical strategy about laparoscopic or open approach, estimated blood loss and accurate intraoperative strategy to deal with cyst.

Conclusion: Accurate preoperative planning and management according to nature of cystic lesion in intraabdominal cysts leads to proper management and gives good long term management in intraabdominal cystic lesions.

Biography

Monika Gupta has completed her master degree course M.ch. (GASTROINTESTINAL SURGERY) in G.B. Pant Hospital, Delhi University, India. She was a Consultant and Head GI, HPB and minimal invasive Surgery dept. at Manipal Hospital Jaipur since Dec 2012 (previously called SK Soni Hospital). She has presented lecture on cancer gall bladder-recent advances in management in IHPBA Feb 2019 Jaipur; Lecture on small bowel and mesenteric injuries in North India's 1st trauma conference, held at Manipal Hospital Jaipur. She received Rajasthan Doctors Award -2019 at Jaipur.



Publications

1. Case report on "Pseudopancreatic Cyst Presenting as Left Quadratus Lumborum Abscess and Splenic Abscess, Current Medical Trends - 2005;9:1686-88
2. Case report on "Rare Case of Persistent Hyperinsulinemic Hypoglycemia of Infancy" HPB journal - 2009
3. Published a Chapter on Non Variceal UGI bleed in GI Surgery Annual - 2009
4. Published a Chapter on Small Intestinal Pathologies in Text Book of GI Surgery from NEPAL - 2012
5. Published a Chapter in Text Book of GI Surgery in 2014 on "Intestinal Stomas" (PARAS PUBLISHERS)
6. Published chapter on "Small Intestinal Tumors" in GI Surgery Text Book Published in year - 2015 (JAYPEE PUBLISHERS)

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