World J Clin Cases 2021 December 16; 9(35): 10746-11121





Contents

Thrice Monthly Volume 9 Number 35 December 16, 2021

REVIEW

10746 Management of acute kidney injury in gastrointestinal tumor: An overview

Su YO, Yu YY, Shen B, Yang F, Nie YX

10765 Application of vascular endothelial cells in stem cell medicine

Liang QQ, Liu L

MINIREVIEWS

10781 Application of traditional Chinese medicine in treatment of Helicobacter pylori infection

Li RJ, Dai YY, Qin C, Huang GR, Qin YC, Huang YY, Huang ZS, Luo XK, Huang YQ

ORIGINAL ARTICLE

Case Control Study

10792 Impact of cytomegalovirus infection on biliary disease after liver transplantation - maybe an essential factor

Liu JY, Zhang JR, Sun LY, Zhu ZJ, Wei L, Qu W, Zeng ZG, Liu Y, Zhao XY

10805 Blood tests for prediction of deep endometriosis: A case-control study

Chen ZY, Zhang LF, Zhang YQ, Zhou Y, Li XY, Huang XF

Retrospective Cohort Study

10816 Association between neutrophil-to-lymphocyte ratio and major postoperative complications after carotid endarterectomy: A retrospective cohort study

Yu Y, Cui WH, Cheng C, Lu Y, Zhang Q, Han RQ

10828 Application of MAGnetic resonance imaging compilation in acute ischemic stroke

Wang Q, Wang G, Sun Q, Sun DH

Retrospective Study

10838 Ninety-four thousand-case retrospective study on antibacterial drug resistance of Helicobacter pylori

Zhang Y, Meng F, Jin J, Wang J, Gu BB, Peng JB, Ye LP

10850 Adjacent segment disease following Dynesys stabilization for lumbar disorders: A case series of mid- and

long-term follow-ups

Chen KJ, Lai CY, Chiu LT, Huang WS, Hsiao PH, Chang CC, Lin CJ, Lo YS, Chen YJ, Chen HT

10861 Identification of independent risk factors for intraoperative gastroesophageal reflux in adult patients

undergoing general anesthesia

Zhao X, Li ST, Chen LH, Liu K, Lian M, Wang HJ, Fang YJ

Contents

Thrice Monthly Volume 9 Number 35 December 16, 2021

10871	Value of the controlling nutritional status score and psoas muscle thickness per height in predicting
	prognosis in liver transplantation

Dai X, Gao B, Zhang XX, Li J, Jiang WT

10884 Development of a lipid metabolism-related gene model to predict prognosis in patients with pancreatic cancer

Xu H, Sun J, Zhou L, Du QC, Zhu HY, Chen Y, Wang XY

10899 Serum magnesium level as a predictor of acute kidney injury in patients with acute pancreatitis

Yu XQ, Deng HB, Liu Y, Qu C, Duan ZH, Tong ZH, Liu YX, Li WQ

Pedicle complex tissue flap transfer for reconstruction of duplicated thumbs with unequal size 10909

Wang DH, Zhang GP, Wang ZT, Wang M, Han QY, Liu FX

10919 Minimally invasive surgery vs laparotomy in patients with colon cancer residing in high-altitude areas

Suo Lang DJ, Ci Ren YZ, Bian Ba ZX

Observational Study

Surgery for chronic pancreatitis in Finland is rare but seems to produce good long-term results 10927

Parhiala M, Sand J, Laukkarinen J

10937 Association of overtime work and obesity with needle stick and sharp injuries in medical practice

Chen YH, Yeh CJ, Jong GP

10948 Serum gastrin-17 concentration for prediction of upper gastrointestinal tract bleeding risk among peptic

ulcer patients

Wang JX, Cao YP, Su P, He W, Li XP, Zhu YM

10956 Predictive risk scales for development of pressure ulcers in pediatric patients admitted to general ward

and intensive care unit

Luo WJ, Zhou XZ, Lei JY, Xu Y, Huang RH

META-ANALYSIS

10969 Clinical significance of signet ring cells in surgical esophageal and esophagogastric junction adenocarcinoma: A systematic review and meta-analysis

Wang YF, Xu SY, Wang Y, Che GW, Ma HT

10979 Percutaneous biliary stent combined with brachytherapy using 125I seeds for treatment of unresectable

malignant obstructive jaundice: A meta-analysis

Chen WY, Kong CL, Meng MM, Chen WQ, Zheng LY, Mao JT, Fang SJ, Chen L, Shu GF, Yang Y, Weng QY, Chen MJ, Xu M, Ji JS

CASE REPORT

10994 Prenatal ultrasonographic findings in Klippel-Trenaunay syndrome: A case report

Pang HQ, Gao QQ

Contents

Thrice Monthly Volume 9 Number 35 December 16, 2021

10999 Immunoglobulin G4-related lymph node disease with an orbital mass mimicking Castleman disease: A case report

Hao FY, Yang FX, Bian HY, Zhao X

11007 Treatment for subtrochanteric fracture and subsequent nonunion in an adult patient with osteopetrosis: A case report and review of the literature

Yang H, Shao GX, Du ZW, Li ZW

11016 Early surgical intervention in culture-negative endocarditis of the aortic valve complicated by abscess in an infant: A case report

Yang YF, Si FF, Chen TT, Fan LX, Lu YH, Jin M

11024 Severe absence of intra-orbital fat in a patient with orbital venous malformation: A case report

Yang LD, Xu SQ, Wang YF, Jia RB

11029 Pulmonary Langerhans cell histiocytosis and multiple system involvement: A case report

Luo L, Li YX

11036 Complete androgen insensitivity syndrome caused by the c.2678C>T mutation in the androgen receptor gene: A case report

Wang KN, Chen QQ, Zhu YL, Wang CL

Ultrasound guiding the rapid diagnosis and treatment of perioperative pneumothorax: A case report 11043

Zhang G, Huang XY, Zhang L

11050 Chronic colchicine poisoning with neuromyopathy, gastric ulcers and myelosuppression in a gout patient: A case report

Li MM, Teng J, Wang Y

11056 Treatment of a giant low-grade appendiceal mucinous neoplasm: A case report

Xu R, Yang ZL

Thoracoscopic resection of a large lower esophageal schwannoma: A case report and review of the 11061 literature

Wang TY, Wang BL, Wang FR, Jing MY, Zhang LD, Zhang DK

11071 Signet ring cell carcinoma hidden beneath large pedunculated colorectal polyp: A case report

Yan JN, Shao YF, Ye GL, Ding Y

11078 Double-mutant invasive mucinous adenocarcinoma of the lung in a 32-year-old male patient: A case report

Wang T

11085 Acute myocarditis presenting as accelerated junctional rhythm in Graves' disease: A case report

Li MM, Liu WS, Shan RC, Teng J, Wang Y

11095 Lingual nerve injury caused by laryngeal mask airway during percutaneous nephrolithotomy: A case

Ш

Wang ZY, Liu WZ, Wang FQ, Chen YZ, Huang T, Yuan HS, Cheng Y

Contents

Thrice Monthly Volume 9 Number 35 December 16, 2021

11102 Ventricular fibrillation and sudden cardiac arrest in apical hypertrophic cardiomyopathy: Two case

Park YM, Jang AY, Chung WJ, Han SH, Semsarian C, Choi IS

Rhizopus microsporus lung infection in an immunocompetent patient successfully treated with amphotericin 11108 B: A case report

Chen L, Su Y, Xiong XZ

Spermatocytic tumor: A rare case report 11115

Hao ML, Li CH

ΙX

Contents

Thrice Monthly Volume 9 Number 35 December 16, 2021

ABOUT COVER

Editorial Board Member of World Journal of Clinical Cases, Luca Morelli, FACS, FASCRS, MD, Associate Professor, Division of General Surgery, Department of Traslational Research and of New Surgical and Medical Technologies, University of Pisa, Pisa 56124, Italy. luca.morelli@unipi.it

AIMS AND SCOPE

The primary aim of World Journal of Clinical Cases (WJCC, World J Clin Cases) is to provide scholars and readers from various fields of clinical medicine with a platform to publish high-quality clinical research articles and communicate their research findings online.

WJCC mainly publishes articles reporting research results and findings obtained in the field of clinical medicine and covering a wide range of topics, including case control studies, retrospective cohort studies, retrospective studies, clinical trials studies, observational studies, prospective studies, randomized controlled trials, randomized clinical trials, systematic reviews, meta-analysis, and case reports.

INDEXING/ABSTRACTING

The WJCC is now indexed in Science Citation Index Expanded (also known as SciSearch®), Journal Citation Reports/Science Edition, Scopus, PubMed, and PubMed Central. The 2021 Edition of Journal Citation Reports® cites the 2020 impact factor (IF) for WJCC as 1.337; IF without journal self cites: 1.301; 5-year IF: 1.742; Journal Citation Indicator: 0.33; Ranking: 119 among 169 journals in medicine, general and internal; and Quartile category: Q3. The WJCC's CiteScore for 2020 is 0.8 and Scopus CiteScore rank 2020: General Medicine is 493/793.

RESPONSIBLE EDITORS FOR THIS ISSUE

Production Editor: Jia-Hui Li; Production Department Director: Xiang Li; Editorial Office Director: Jin-Lei Wang.

NAME OF JOURNAL

World Journal of Clinical Cases

ISSN

ISSN 2307-8960 (online)

LAUNCH DATE

April 16, 2013

FREOUENCY

Thrice Monthly

EDITORS-IN-CHIEF

Dennis A Bloomfield, Sandro Vento, Bao-Gan Peng

EDITORIAL BOARD MEMBERS

https://www.wignet.com/2307-8960/editorialboard.htm

PUBLICATION DATE

December 16, 2021

COPYRIGHT

© 2021 Baishideng Publishing Group Inc

INSTRUCTIONS TO AUTHORS

https://www.wjgnet.com/bpg/gerinfo/204

GUIDELINES FOR ETHICS DOCUMENTS

https://www.wjgnet.com/bpg/GerInfo/287

GUIDELINES FOR NON-NATIVE SPEAKERS OF ENGLISH

https://www.wjgnet.com/bpg/gerinfo/240

PUBLICATION ETHICS

https://www.wjgnet.com/bpg/GerInfo/288

PUBLICATION MISCONDUCT

https://www.wjgnet.com/bpg/gerinfo/208

ARTICLE PROCESSING CHARGE

https://www.wjgnet.com/bpg/gerinfo/242

STEPS FOR SUBMITTING MANUSCRIPTS

https://www.wjgnet.com/bpg/GerInfo/239

ONLINE SUBMISSION

https://www.f6publishing.com

© 2021 Baishideng Publishing Group Inc. All rights reserved. 7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA E-mail: bpgoffice@wjgnet.com https://www.wjgnet.com



Submit a Manuscript: https://www.f6publishing.com

World J Clin Cases 2021 December 16; 9(35): 11056-11060

DOI: 10.12998/wjcc.v9.i35.11056

ISSN 2307-8960 (online)

CASE REPORT

Treatment of a giant low-grade appendiceal mucinous neoplasm: A case report

Rong Xu, Zhi-Long Yang

ORCID number: Rong Xu 0000-0001-5465-3566; Zhi-Long Yang 0000-0002-8707-6360.

Author contributions: Xu R contributed to the data collection. interpretation, writing the paper, editing the paper; Yang ZL contributed to the study concept, data interpretation, writing the paper, editing the paper; and all authors read and approved the manuscript for publication.

Informed consent statement:

Informed written consent was obtained from the patient for publication of this report and any accompanying images.

Conflict-of-interest statement: The authors declare that they have no conflicting interests.

CARE Checklist (2016) statement:

The authors have read the CARE Checklist (2016), and the manuscript was prepared and revised according to the CARE Checklist (2016).

Country/Territory of origin: China

Specialty type: Gastroenterology and Hepatology

Provenance and peer review:

Unsolicited article; Externally peer reviewed.

Peer-review report's scientific

Rong Xu, Department of Gynecology and Obstetrics, Nanjing Lishui People's Hospital, Nanjing 211200, Jiangsu Province, China

Zhi-Long Yang, Department of General Surgery, Nanjing Lishui People's Hospital, Nanjing 211200, Jiangsu Province, China

Corresponding author: Zhi-Long Yang, MM, Chief Doctor, Department of General Surgery, Nanjing Lishui People's Hospital, No. 86 Chongwen Road, Nanjing 211200, Jiangsu Province, China. 641952830@qq.com

Abstract

BACKGROUND

Low-grade appendiceal mucinous neoplasm (LAMN) is extremely rare and easily misdiagnosed before surgery.

CASE SUMMARY

We report the treatment of an asymptomatic case of LAMN diagnosed by magnetic resonance imaging (MRI) and surgical findings. A 70-year-old woman presented with an adnexal mass found by physical examination in July 2020. Gynecologic ultrasonography revealed a cystic mass in the right adnexa, and computed tomography showed a cystic mass in the pelvic cavity. All tumor markers were normal. A further MRI examination suggested mucinous neoplasm in the right pelvic cavity, excluding the possibility of adnexal cyst. Laparoscopic exploration found a huge cystic mass of about 10 cm × 7 cm that originated from the apex of the appendix, with spontaneous rupture. LAMN was confirmed by pathological examination. As of May 2021, no disease recurrence occurred after an open appendectomy.

CONCLUSION

This case indicates that we should pay more attention to female patients who are clinically diagnosed with an adnexal mass at admission,. The physical examination should be done carefully, and the laboratory and imaging examination results should be comprehensively analyzed to avoid misdiagnosis and to ensure prompt diagnosis and treatment, and to improve prognosis. MRI may be a better option for the diagnosis of appendiceal mucinous neoplasm.

Key Words: Appendiceal mucinous neoplasm; Diagnosis; Cystic mass; Pelvic cavity; Appendectomy; Case report



quality classification

Grade A (Excellent): 0 Grade B (Very good): B Grade C (Good): C Grade D (Fair): D Grade E (Poor): 0

Open-Access: This article is an open-access article that was selected by an in-house editor and fully peer-reviewed by external reviewers. It is distributed in accordance with the Creative Commons Attribution NonCommercial (CC BY-NC 4.0) license, which permits others to distribute, remix, adapt, build upon this work non-commercially, and license their derivative works on different terms, provided the original work is properly cited and the use is non-commercial. See: htt p://creativecommons.org/License s/by-nc/4.0/

Received: June 10, 2021 Peer-review started: June 10, 2021 First decision: July 15, 2021 Revised: July 28, 2021 Accepted: September 16, 2021 Article in press: September 16, 2021 Published online: December 16,

P-Reviewer: Kitagawa Y, Samara

S-Editor: Wang JL L-Editor: Filipodia P-Editor: Guo X



©The Author(s) 2021. Published by Baishideng Publishing Group Inc. All rights reserved.

Core Tip: Low-grade appendiceal mucinous neoplasm (LAMN) is extremely rare and easily misdiagnosed before surgery. We report the treatment of an asymptomatic case of LAMN diagnosed by magnetic resonance imaging and surgical findings. This case indicates that we should pay more attention to female patients who are clinically diagnosed with an adnexal mass at admission,. The physical examination should be done carefully, and the laboratory and imaging examination results should be comprehensively evaluated to avoid misdiagnosis and ensure prompt diagnosis and treatment, and to improve prognosis.

Citation: Xu R, Yang ZL. Treatment of a giant low-grade appendiceal mucinous neoplasm: A case report. World J Clin Cases 2021; 9(35): 11056-11060

URL: https://www.wjgnet.com/2307-8960/full/v9/i35/11056.htm

DOI: https://dx.doi.org/10.12998/wjcc.v9.i35.11056

INTRODUCTION

Low-grade appendiceal mucinous neoplasm (LAMN) is a rare heterogeneous disease, characterized by well-differentiated tumors. It is often complicated by spontaneous or iatrogenic rupture that results in pseudomyxoma or distant metastasis of the abdominal wall, which can be life threatening[1]. LAMN is easily misdiagnosed because most patients are asymptomatic. It is generally found during the surgery because of the difficulty of preoperative diagnosis. Here, we report a case of LAMN diagnosed by magnetic resonance imaging (MRI) and surgical findings.

CASE PRESENTATION

Chief complaints

The patient presented with an adnexal mass found by physical examination more than 1 mo previously.

History of present illness

On August 23, 2020, a 70-year-old postmenopausal woman who presented with an adnexal mass found by physical examination 1 mo previously was admitted to the department of gynecology at our hospital. She did not complain of any clinical symptoms or discomfort.

History of past illness

The past medical history was unremarkable. One month prior, a right adnexal mass was found by ultrasonography at the local hospital.

Personal and family history

The patient had no remarkable personal or family history.

11057

Physical examination

Upon arrival at our hospital, the patient was well-nourished, and without pain, pallor, or jaundice. Abdominal examination revealed distension without tenderness.

Laboratory examinations

Laboratory examination demonstrated found hemoglobin: 10.3 g/dL, leucocyte count: 4.86×10^9 /L, hematocrit: 31.7%, and platelet count: 210 × 10 9 /L. Liver and renal function tests, and the coagulation profile were all within normal ranges. Cancer antigen markers including carcinoembryonic antigen and carbohydrate antigen 19.9 were all within normal ranges.

Imaging examinations

B-ultrasound re-examination at our hospital showed a small amount of pelvic effusion (122 mm × 64 mm) in the right adnexal area (Figure 1A). No tenderness or rebound pain was found in the lower abdomen, and a mass of about 12 cm × 6 cm in the pelvic cavity with a tough texture and low mobility was detected by palpation. Whole abdomen computed tomography (CT) showed a small amount of effusion in the pelvic cavity, with lesions on the right (Figure 1B). The irregular cyst wall and thick soft tissue seen in the CT image might have resulted from tumor transformation. However the tumor markers were all normal. An MRI examination suggested a mucinous neoplasm in the right pelvic cavity (Figure 1C). It was not clear whether the neoplasm originated from abdominal mesodermal tissue or the appendix. The patient was transferred to the general surgery department. During laparoscopic exploration, a large amount of jelly-like mucosubstance was found in the right lower abdomen and pelvic cavity, and a huge cystic mass of about 10 cm × 7 cm originating from the apex of the appendix were found (Figure 2A).

FINAL DIAGNOSIS

Giant low-grade appendiceal mucinous neoplasm.

TREATMENT

An open appendectomy was performed, followed by peritoneal lavage and drainage. Postoperative pathological examination revealed a LAMN (Figure 2B). Anti-infective and symptomatic treatments were given after surgery; no obvious abnormalities was found on whole abdomen CT.

OUTCOME AND FOLLOW-UP

Tumor markers and a colonoscopy performed 3 mo after surgery were all normal. No disease recurrence or other conditions were found on follow-up in May 2021.

DISCUSSION

Appendiceal mucinous neoplasm accounts for 8%-10% of appendiceal tumors and 58% of malignant appendiceal tumors. The incidence is 0.2%-0.3% in patients who underwent appendectomy. LAMN is a borderline or low-grade malignant tumor, regardless of rupture, and is characterized by implantation metastasis and a rate of recurrence rate[2-4]. Its pathogenesis involves atypical hyperplasia of the glandular appendix epithelium that obstructs the appendix with a gradual accumulation of mucus resulting in increased pressure. Mucus penetrates the muscularis mucosa and produces mucinous masses around the appendix and in the retroperitoneum[5,6]. Most cases are asymptomatic, and in the absence of acute infection, the symptoms and signs of LAMN resemble those of chronic appendicitis. A correct diagnosis may be difficult, but on physical examination large tumors can be found as a complete oval mass with no surrounding adhesions. An appendiceal mucinous cyst that forms from an appendiceal lesion can easily be misdiagnosed as a common appendiceal abscess, right adnexal cyst, and so on[7,8]. A recent case report described a patient with LAMN that was initially diagnosed as an ovarian tumor[9]. As in this case, an appendiceal mucinous neoplasm should still be taken into consideration even if the tumor marker results are negative.

Abdominal ultrasound and CT are auxiliary diagnostic methods that can distinguish appendiceal mucinous cysts from other lesions before surgery[10,11]. Color Doppler ultrasound for mucinous cystadenoma of the appendix shows a dark liquid area in the appendix, with a small number of small flocculent light spots. Ultrasound exhibits better sound transmission, a round or oval shape, and smooth wall. There were no findings suggestive of LAMN by echo. CT is a more accurate imaging method for the diagnosis of appendiceal mucinous neoplasms, and shows a cystic mass closely adjacent to the cecum, with a round or long tubular shape, thin

11058

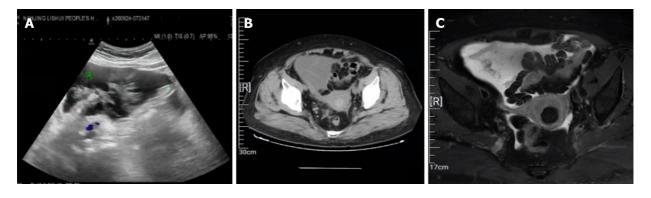


Figure 1 Preoperative examination of the mass. A: Ultrasound; B: Computed tomography; and C: Magnetic resonance imaging.

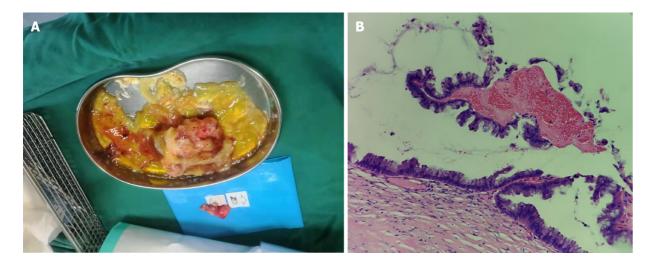


Figure 2 Postoperative images. A: The macroscopic view the resected mass; and B: Microscopic pathology of the low-grade appendiceal mucinous neoplasm (Magnification × 4).

11059

wall, and a smooth and regular outline, suggesting LAMN. When CT shows an irregular cyst wall and thick soft tissue, it is more likely to be malignant[10]. In this case, gynecologic ultrasonography revealed a cystic mass in the right adnexa, and CT showed a cystic mass in the pelvic cavity. However, there was still a possibility that it was an adnexal cyst. MRI performed with a variety of sequences and scanning methods, and high tissue resolution can clearly and consistently distinguish the wall and fluid of the appendiceal mucinous cyst, and more accurately show the integrity and boundary of the cyst wall. In this case, additional MRI evaluation showed typical manifestations of appendiceal cysts. The lesion was located in the right lower abdomen, had a with clear boundary, and was closely related to the cecum, which showed changes in external pressure. MRI had uniform long T1 and long T2 signals, and the cyst wall was thin and uniform, with similar signals to those of the intestinal wall. The cross section of the mass was round or elliptical, and the sagittal or coronal plane presented as a long tubular or gourd-shaped structure[12,13]. We thus successfully excluded the possibility of adnexal cyst by MRI. Subsequent surgery and pathological examination finally confirmed the diagnosis of LAMN.

Surgery is still the only treatment option for appendiceal mucinous neoplasms. Iatrogenic rupture of the tumor should be avoided during surgery to reduce the risk of implantation metastasis and disease recurrence. Unfortunately, preoperative abdominal ultrasound and CT examinations had shown effusion in the pelvic cavity. Spontaneous rupture of the tumor and the spread of mucus to the abdominal cavity were observed during laparoscopic exploration, indicating that the patient might have a relatively high risk of disease recurrence. Open surgery was performed after finding the spontaneous rupture of the tumor. Although appendectomy and peritoneal lavage and drainage were performed, and a negative incision margin was obtained, postoperative follow-up should be continued for a long time. Chen et al[14] reported a patient with recurrence of appendix mucinous adenocarcinoma at 26 mo after appendectomy.

CONCLUSION

LAMN is a rare clinical or imaging diagnosis. The female appendix is adjacent to the adnexa, which may lead to a misdiagnosis of either an appendiceal cyst or adnexal mass. The diagnosis and treatment of this patient suggested that for female patients who are clinically diagnosed with an adnexal mass at admission, we must broaden our minds and look further. Diagnosis should not be limited to the common diseases that we are familiar with. The physical examination should be done carefully, and the laboratory and imaging examination results should be comprehensively analyzed to reduce the possibility of misdiagnosis and to ensure prompt diagnosis and treatment, and to improve patient prognosis. MRI may be a better option for the diagnosis of appendiceal mucinous neoplasms.

REFERENCES

- Shaib WL, Assi R, Shamseddine A, Alese OB, Staley C 3rd, Memis B, Adsay V, Bekaii-Saab T, El-Rayes BF. Appendiceal Mucinous Neoplasms: Diagnosis and Management. Oncologist 2017; 22: 1107-1116 [PMID: 28663356 DOI: 10.1634/theoncologist.2017-0081]
- Ramaswamy V. Pathology of Mucinous Appendiceal Tumors and Pseudomyxoma Peritonei. Indian J Surg Oncol 2016; 7: 258-267 [PMID: 27065718 DOI: 10.1007/s13193-016-0516-2]
- Motsumi MJ, Motlaleselelo P, Ayane G, Sesay SO, Valdes JR. A case report of a giant appendiceal mucocele and literature review. Pan Afr Med J 2017; 28: 106 [PMID: 29515724 DOI: 10.11604/pamj.2017.28.106.13832]
- Padmanaban V, Morano WF, Gleeson E, Aggarwal A, Mapow BL, Stein DE, Bowne WB. Incidentally discovered low-grade appendiceal mucinous neoplasm: a precursor to pseudomyxoma peritonei. Clin Case Rep 2016; 4: 1112-1116 [PMID: 27980743 DOI: 10.1002/ccr3.694]
- Pai RK, Longacre TA. Appendiceal mucinous tumors and pseudomyxoma peritonei: histologic features, diagnostic problems, and proposed classification. Adv Anat Pathol 2005; 12: 291-311 [PMID: 16330927 DOI: 10.1097/01.pap.0000194625.05137.51]
- 6 Rampone B, Roviello F, Marrelli D, Pinto E. Giant appendiceal mucocele: report of a case and brief review. World J Gastroenterol 2005; 11: 4761-4763 [PMID: 16094726 DOI: 10.3748/wjg.v11.i30.4761]
- 7 Aleter A, El Ansari W. Incidental appendiceal mucinous neoplasm mimicking a left adnexal mass: A case report. Int J Surg Case Rep 2020; 74: 132-135 [PMID: 32836208 DOI: 10.1016/j.ijscr.2020.07.081]
- Omari AH, Khammash MR, Qasaimeh GR, Shammari AK, Yaseen MK, Hammori SK. Acute appendicitis in the elderly: risk factors for perforation. World J Emerg Surg 2014; 9: 6 [PMID: 24428909 DOI: 10.1186/1749-7922-9-61
- Perivoliotis K, Christodoulidis G, Samara AA, Sgantzou IK, Floros T, Volakakis G, Karasavvidou F, Tepetes K. Low-Grade Appendiceal Mucinous Neoplasm (LAMN) Primarily Diagnosed as an Ovarian Mucinous Tumor. Case Rep Surg 2021; 2021: 5523736 [PMID: 33976950 DOI: 10.1155/2021/55237361
- 10 Yang JM, Zhang WH, Yang DD, Jiang H, Yu L, Gao F. Giant low-grade appendiceal mucinous neoplasm: A case report. World J Clin Cases 2019; 7: 1726-1731 [PMID: 31367633 DOI: 10.12998/wjcc.v7.i13.1726]
- 11 Cubro H, Cengic V, Burina N, Kravic Z, Beciragic E, Vranic S. Mucocele of the appendix presenting as an exacerbated chronic tubo-ovarian abscess: A case report and comprehensive review of the literature. Medicine (Baltimore) 2019; 98: e17149 [PMID: 31574819 DOI: 10.1097/MD.0000000000017149]
- 12 Pickhardt PJ, Levy AD, Rohrmann CA Jr, Kende AI. Primary neoplasms of the appendix: radiologic spectrum of disease with pathologic correlation. Radiographics 2003; 23: 645-662 [PMID: 12740466 DOI: 10.1148/rg.233025134]
- Tirumani SH, Fraser-Hill M, Auer R, Shabana W, Walsh C, Lee F, Ryan JG. Mucinous neoplasms of the appendix: a current comprehensive clinicopathologic and imaging review. Cancer Imaging 2013; 13: 14-25 [PMID: 23439060 DOI: 10.1102/1470-7330.2013.0003]
- 14 Chen W, Ye JW, Tan XP, Peng X, Zhang Y, Liang JL, Huang MJ. A case report of appendix mucinous adenocarcinoma that recurred after additional surgery and a brief literature review. BMC Surg 2020; 20: 182 [PMID: 32778094 DOI: 10.1186/s12893-020-00842-4]



Published by Baishideng Publishing Group Inc

7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA

Telephone: +1-925-3991568

E-mail: bpgoffice@wjgnet.com

Help Desk: https://www.f6publishing.com/helpdesk

https://www.wjgnet.com

