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Manuscript Type: CASE REPORT

Port-site metastasis of unsuspected gallbladder carcinoma with ossification after laparoscopic cholecystectomy : A case report and literature review

Gao KJ *et al.* Port-site metastasis after gallbladder carcinoma

Abstract

BACKGROUND

Unsuspected gallbladder carcinoma (UGC) refers to cholecystectomy due to benign gallbladder disease, which is pathologically confirmed as gallbladder cancer during or after surgery. Port-site metastasis (PSM) of UGC following laparoscopic cholecystectomy is rare, especially after several years.

CASE SUMMARY

A 55-year-old man presenting with acute cholecystitis and gallstones was treated by laparoscopic cholecystectomy in July 2008. Histological analysis revealed unexpected papillary adenocarcinoma of the gallbladder with gallstones, which indicated that the tumor had spread to the muscular space (pT1b). Radical resection of gallbladder carcinoma was performed 10 d later. In January 2018, the patient was admitted to our hospital for a mass in the upper abdominal wall after surgery for gallbladder cancer 10 years ago. Laparoscopic exploration and complete resection of the abdominal wall tumor were successfully performed. Pathological diagnosis showed metastatic or invasive, moderately differentiated adenocarcinoma in fibrous tissue with massive

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Port-site metastasis following **laparoscopic cholecystectomy**: a review of the literature and a **case report**. Reddy YP(1), Sheridan WG. Author information: (1)Carmarthen and District NHS Trust, West Wales General Hospital, UK. **Port-site metastasis** following **laparoscopic** cholecystectomy with **unsuspected gallbladder carcinoma** is a serious problem.

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Unsuspected Gallbladder Carcinoma After Laparoscopic ...

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Background/purpose: Many cases have been reported of disastrous **port-site** recurrence **after laparoscopic** cholecystectomy (LC) revealed **unsuspected gallbladder carcinoma** (GBC). Some investigators have reported that the prognosis of patients **after** LC showed **unsuspected** GBC is not worsened by **laparoscopic** procedures.

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Publish Year: 2005

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Author: Hideo Yamamoto, Naokazu Hayakawa, Yuji...



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Port site and distant metastases of gallbladder cancer ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2766132>

Nov 07, 2008 · We report **port site and distant metastases of unsuspected gallbladder cancer after laparoscopic cholecystectomy** diagnosed by positron emission tomography (PET) in two patients. Patient 1, a 72-year-old woman was diagnosed as cholelithiasis and **cholecystitis** and received **laparoscopic cholecystectomy**.

Cited by: 22 **Author:** Jian-Bin Hu, Xiao-Nan Sun, Jing Xu, Cha...

Publish Year: 2008

Port-site metastasis following laparoscopic ...

<https://www.sciencedirect.com/science/article/pii/S0748798399907503>

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Cited by: 32 **Author:** Yenumula P Reddy, W.G Sheridan

Publish Year: 2000

Port site and peritoneal metastases after laparoscopic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3905334>

Presence of a **port site and peritoneal metastasis** so early after the procedure suggest **tumor inoculation** during the procedure. This complication is not specific to **cholecystectomy** alone. **Tumor seeding** has been described **after laparoscopic removal** of other **gastrointestinal carcinoma** such as **colon**[3] and **esophagus**. [4]

Cited by: 1 **Author:** Vaibhavkumar K Sutariya, Prakash B Pat...

Publish Year: 2013

Port-Site Metastasis From Gallbladder Carcinoma After ...

https://www.researchgate.net/publication/302401935_Port-Site_Metastasis_From...

In the last few years, an increasing number of reports of **port-site metastasis from unsuspected gallbladder cancer** was published and a lot of concern has been expressed that **laparoscopic...**