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**Manuscript NO:** 59076

**Manuscript Type:** CASE REPORT

## **Malignant Solitary Fibrous Tumor of the Greater Omentum: A Case Report and Literature Review**

Malignant SFT of the Greater Omentum

### **Abstract**

#### **BACKGROUND**

Malignant Solitary fibrous tumors (SFTs) account for 15-20% of all SFTs, and malignant SFTs arising from the greater omentum are extremely rare. Most malignant SFTs of the greater omentum are diagnosed *via* pathological examinations after surgery. In this study, we report a case of a malignant omental SFT and review published literature on this rare malignancy.

#### **CASE SUMMARY**

A 64-year-old female presented with an abdominal mass, and underwent an exploratory surgery during which a huge tumor originating from the greater omentum

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## Malignant Solitary Fibrous Tumor of the Greater Omentum: A Case



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## Hemangiopericytoma/solitary fibrous tumor of the greater ...

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As a consequence, the term **solitary fibrous tumor SFT** is being frequently utilized to embrace all HPC-like **lesions** . According to the literature, HPC/SFT has a favorable long-term outcome after primary **surgical resection** , . HPC of the **greater omentum** has shown to recur at local or distant sites in several **cases** in the literature .

**Cited by:** 1

**Author:** Rami Archid, Carl Christoph Schneider, ...

**Publish Year:** 2016

## Solitary Fibrous Tumor of the Greater Omentum, Mimicking ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4452971>

**Solitary fibrous tumor** (SFT) is one of the mesenchymal **tumors**, which rarely arises in the abdominal space. We **report** a very rare **case** of abdominal SFT, mimicking another mesenchymal **tumor**. A 52-year-old Japanese man was referred to our hospital for further evaluation and treatment of gallbladder polyp.

**Cited by:** 4

**Author:** Masayuki Urabe, Yukinori Yamagata, Su...

**Publish Year:** 2015

## Primary omental malignant solitary fibrous tumour, an ...

<https://www.sciencedirect.com/science/article/pii/S1687197918301084>

Jun 01, 2019 · However, **malignant SFTs arising** from **omentum** are extremely rare with only 3 **case** cited in the current literature , . Definite pre-operative diagnosis of SFTs is difficult. On **abdominal computed tomography images**, SFTs appear as well-defined, **solid tumours** containing a **cyst-like lesion** [6] .

**Author:** Chang-Yeon Jung, Jung-Min Bae

**Publish Year:** 2019

## Solitary fibrous tumor of the mesentery: a case report and ...

<https://journals.sagepub.com/doi/full/10.1177/0300060520950111>

**Solitary fibrous tumors** are rare mesenchymal tumors that typically arise from the pleura and





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## Giant solitary fibrous tumor arising from greater omentum

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3508650>

Nov 28, 2012 · **Extrathoracic solitary fibrous tumors** (SFTs) have been described at almost every anatomic location of human body, but **reports** of SFT in the abdominal cavity are rare. We herein present a rare **case** of **SFT** originating from **greater omentum**. **Computed tomography** revealed a 15.8 cm × 21.0 cm solid mass located at superior aspect of stomach.

**Cited by:** 11**Author:** Liang Zong, Ping Chen, Guang-Yao Wang, Q...**Publish Year:** 2012

## Hemangiopericytoma/solitary fibrous tumor of the greater ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4855784>

HPC of the greater omentum has shown to recur at local or distant sites in several cases in the literature . Enzinger and Smith suggested HPC malignancy criteria to be large tumor size ( > **5 cm**), increased **mitotic rate** (≥**4 mitotic figures**/10HPF), **high cellularity**, presence of **pleomorphic tumor cells** and presence of haemorrhage and **necrosis** [2] .

**Cited by:** 1**Author:** Rami Archid, Carl Christoph Schneider, Patr...**Publish Year:** 2016



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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4855784>

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<https://www.sciencedirect.com/science/article/pii/S1687197918301084>

Jun 01, 2019 · Primary omental malignant solitary fibrous tumour is an extremely rare **neoplasm** considering its tumour origin and pathologic characteristics. Solitary fibrous tumour (SFT) is a **spindle**