

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 60643

Manuscript Type: CASE REPORT

Dumbbell-shaped solitary fibrous tumor in the parapharyngeal space: A case report

Yu-Nuo Li, Chun-Lei Li, Zhao-Hui Liu

Abstract

BACKGROUND

Solitary fibrous tumors (SFTs) occurring in the parapharyngeal space are rare, and their final diagnosis depends on pathological and immunohistochemical analyses. Once the tumor is diagnosed, complete resection and regular postoperative follow-up are required.

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[A solitary fibrous tumor arising in the parapharyngeal ...](#)

<https://www.sciencedirect.com/science/article/pii/S0385814608000990>

Jun 01, 2009 - The tumor was positive for CD34. **Imaging** features of SFT arising in the **parapharyngeal space** are discussed with a review of literatures. This is the first report of FDG-PET finding of SFT arising in the head and neck. More cases are needed to achieve diagnostic significance from FDG-PET findings of **parapharyngeal SFTs**.

Cited by: 26

Author: Naohiro Wakisaka, Satoru Kondo, Shigey...

Publish Year: 2009

[Solitary fibrous tumor of the post-styloid parapharyngeal ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4184415>

Solitary fibrous tumor (SFT) is a well-known tumor composed of **spindle cells** found most commonly in the **pleura**. Recently, accounts of their rare occurrence at other sites, including the head and neck area, have been reported. The **parapharyngeal space** is a rare location even for head and neck SFTs, and thus, could be confused with a variety of other tumors that can originate in this area.

Author: Ji Eun Lee, Hyun Sook Hong, Kee-Hy...

Publish Year: 2014

[Late diagnosis of a solitary fibrous tumour of the ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2914525>

The Authors discuss a clinical case of a solitary fibrous tumour in the parapharyngeal space in a **77-year-old male**, who had begun treatment for a newly discovered **obstructive sleep apnoea syndrome** with a continuous positive airway pressure – device one year prior to diagnosis.

Cited by: 8

Author: C Pipolo, A Maccari, F Messina, L Mone...

Publish Year: 2010

[\[Solitary fibrous tumor in parapharyngeal space: a case ...](#)

<https://europepmc.org/article/MED/29902857> ▾

Jun 01, 2018 - **Solitary fibrous tumor of the parapharyngeal space: a case report and review of the literature.** Gangopadhyay K, Taibah K, Manohar MB, Kfoury H. Ear Nose Throat J, 75(10):681-684, 01 Oct 1996 Cited by 17 articles | PMID: 8942090. Review

Author: M X Lin, D X Wang, M Z Yin, R C Jian...

Publish Year: 2018

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Author: Ji Eun Lee, Hyun Sook Hong, Kee-Hyun ... **Publish Year:** 2014

MR Imaging of Solitary Fibrous Tumors in the Head and Neck

<https://pubmed.ncbi.nlm.nih.gov/16145288>

The T1-weighted axial MR image shows a well-defined, **dumbbell-shaped** mass (arrows) that is isointense to the muscle in both the left **parapharyngeal space** and the **parotid space** with widening of the stylomandibular tunnel. The mass medially displaces the **parapharyngeal fat** and the **carotid sheath**.

A solitary fibrous tumor arising in the parapharyngeal ...

<https://www.sciencedirect.com/science/article/pii/S0385814608000990>

Jun 01, 2009 · We present the imaging and pathological features of a 38-year-old man in whom a large **parapharyngeal solitary fibrous tumor (SFT)** on the left side was found. On **MRI**, the **tumor** showed a **nodule-in-nodule** appearance. The **inner nodule** revealed high signal intensities both on T1- and T2-weighted MR images.

Cited by: 26 **Author:** Naohiro Wakisaka, Satoru Kondo, Shigeyuk...

Publish Year: 2009

Dumbbell-shaped solitary fibrous tumor of thoracic spine ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/kjm2.12063>

A, The enhanced thoracic-computed-tomography axial view shows a dumbbell-shaped tumor with size **10 × 7.8 cm**, para-spinal extension, moderate to strong heterogeneous enhancement, scattered hypodensity lesions at the central part, enlargement of T5 neural foramen, and bony erosion.

Cited by: 1 **Author:** Hui-Yuan Su, Tai-Hsin Tsai, Sheau-Fang Yan...

Publish Year: 2019

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[Late diagnosis of a solitary fibrous tumour of the ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2914525>

Parapharyngeal space tumours, in this case a SFT, are an infrequent entity and because of their mostly benign characteristics are difficult to diagnose in the early stage. The first symptom, in our patient, was obviously his need for a **CPAP** device, more than a year prior to diagnosis.

Cited by: 8 **Author:** C Pipolo, A Maccari, F Messina, L Moneghi...

Publish Year: 2010

[\[PDF\] Solitary fibrous tumor of the post-styloid The Foundation ...](#)

<https://citeseerx.ist.psu.edu/viewdoc/download?doi=...>

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