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Introduction

- Glomus tumors are rare mesenchymal neoplasm. from glomus bodies.
- > Occur mostly as benign tumors in the subungual the digits.
- > Glomus tumors of the gastrointestinal tract (GGT) where there may be few or no glomus bodies.
- Majority of GGT are benign, rarely demonstrating m behavior.
- > We present a case of a metastatic glomus tumo stomach, which was initially deemed benign.

Case Presentation

- 72-year-old woman underwent excision of a gast with a partial gastrectomy in 2010, suspe Gastrointestinal stromal tumor (GIST).
- > Pathology findings were consistent with glomus uncertain malignant potential - borderline tumo cm) and increased mitotic activity (>=5/50 HPF).
- > Not started on chemotherapy
- > She was on surveillance and was asymptomatic until 2016.
- > Sep 2016 presented with acute abdominal pain. Imaging showed multiple new necrotic metastases throughout the liver with pathology consistent with metastatic glomus tumor.
- > Underwent radioembolization of the right hepatic and left hepatic artery in July 2017
- Continued to be symptom-free until 2019

A Rare Case of Glomus Tumor of the Stomach with Metastatic Spread to the Liver and Lungs

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Case Presentation

ns arising	Sep 2019 - another episode of abdominal liver lesions and underwent radioembolization
region of	Surveillance imaging:
are rare,	May 2020 showed a nodule in the lingul of an epithelioid neoplasm, consistent wit
malignant	December 2021 and July 2022 showed es monitoring.
	Caris genomic testing:
or of the	No apparent mutations; No clear molecula
	Low ERCC1 and TOPO1 detected - su considered for treatment in case of disease
tric mass ecting a	
tumor of or size (2	
+il 2016	

a) CT Thorax with metastatic glomus tumor in lingula of left lung

pain; imaging showed an increase in the number of ation with a good response.

- la. A CT-guided lung biopsy confirmed the diagnosis th a metastatic glomus tumor.
- ssentially stable liver and lung lesions Continues on
- ar targets for treatments were present.
- uggesting that oxaliplatin and irinotecan may be se progression.

maging



b) CT Abdomen with metastatic glomus tumor in liver

- tumor.



Discussion & Conclusion

> Our case highlights the importance of considering glomus tumors as part of the differentials in GI mesenchymal tumors despite GIST having the highest incidence.

Most glomus tumors in GI tract are solitary and located in the gastric antrum; they are rarely reported in multiples.

> Glomus tumors present with abdominal pain, gastrointestinal bleeding, perforation, or can also be found incidentally with no symptoms.

> It is known that many GI mesenchymal tumors have visual and radiological similarities, and hence a biopsy is required.

> Although majority of glomus tumors are benign, obtaining histological and immunohistochemical features is still imperative to make a definitive diagnosis to detect malignant glomus tumors with metastatic potential to visceral organs as they have a poor prognosis.

> Surgical treatment is the preferred option for gastric glomus

> Long-term follow-up is required due to high metastatic and recurrence rate in the malignant type.

References

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