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**Manuscript Type:** CASE REPORT

**Gastrointestinal stromal tumor with multisegmented spinal metastases as the first presentation: A rare case report**

A rare case report about gastrointestinal stromal tumor with multisegmented spinal metastases.

Yan Kong, Xiao-Wei Ma, Qian-Qian Zhang, Yi Zhao, He-Lin Feng

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May 01, 2015 · Over 95% of clinically significant **spinal tumors** arise from primary **malignancies** localized elsewhere and approximately 70% occur as a result of lymphoma, myeloma, or adenocarcinoma of the lung, breast, or prostate. 1 We report a rare case of an aggressive GIST **presenting as metastatic** spread to the **thoracolumbar spine** and secondary acute cord compression. GISTs are a subset of undifferentiated **mesenchymal tumors** that are rarely associated with **metastasis**

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Gastrointestinal stromal tumors (GISTs) are rare, but represent the most common **mesenchymal neoplasms** of the **gastrointestinal tract**. The lung and liver are the most frequent sites of distant diseases, but the **spinal involvement of metastatic GISTs** is very rare. We describe two cases of **spinal metastases** in patients with advanced GISTs.

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Gastrointestinal stromal tumors (GISTs) are the most common **mesenchymal tumors** of the **digestive tract** and are derived from the **interstitial cells of Cajal**. **Spinal metastases** of GISTs are rare; however, their incidence has been increasing since the introduction of **tyrosine kinase inhibitors (TKIs)**, which have improved overall survival.

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Oct 16, 2018 · Gastrointestinal stromal tumors (GISTs) are the most common **mesenchymal tumors** of the **digestive tract** and are derived from the **interstitial cells of Cajal** [ 1 ]. **Spinal metastases** of GISTs are rare; however, their incidence has been increasing since the introduction of **tyrosine kinase**



Gastrointestinal stromal tumor with multisegmented spinal metastasis



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Gastrointestinal stromal tumors (GISTs) are the most common **mesenchymal tumors** of the **digestive**

## Gastrointestinal Stromal Tumors (Gists)

Medical condition

A gastrointestinal stromal tumor (GIST) is a type of tumor that occurs in the gastrointestinal tract, most commonly in the stomach or small intestine.

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### Symptoms

The symptoms depend on the size of the tumor and where it's located. Because of this, symptoms often vary in severity and from one person to another.

Some of the more common symptoms include:

- bloody stools
- pain or discomfort in the abdomen
- nausea and...

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### Causes

There are only a few known risk factors for GISTs:

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## Aggressive Gastrointestinal Stromal Tumor With Spinal ...

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May 01, 2015 · We **report** a rare **case** of aggressive **GIST** with regional spread to the thoracolumbar spine and secondary acute cord compression. To our knowledge, this is the **first** known **case** of **GIST** with **spinal metastasis** described in the English **literature**. GISTs should be considered in the workup of a patient with bone **metastasis** with an unknown primary ...

Cited by: 6

Author: Brian R. Waterman, Nicholas Kusnezov, Jo...

Publish Year: 2015

## En bloc corpectomy for late gastrointestinal stromal tumor ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6190657>

The unique points in this **case** are that the **metastasis** occurred after a very long period of time, and this is the **first report** of radical surgery for **spinal metastasis** of **GIST**. GISTs are spindle, epithelioid, or pleomorphic mesenchymal **tumors** of the digestive tract that express CD117 (c-kit) [ 1 ].

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Author: Takaki Shimizu, Hideki Murakami, Apiruk S...

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[Read more on Healthline](#)

### Causes

There are only a few known risk factors for GISTs:

Age

The most common age to develop a GIST is between 50 and 80. While GISTs can happen in people younger than 40, they are extremely rare.

Genes

The majority of GISTs happen randomly and have no...

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