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## Spinal cord metastasis presenting as the first manifestation of rectal adenocarcinoma: A case report

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**Introduction:** Spine is the third most common site for metastatic cancer. In fact, only one to three percent of tumors found in the spinal cord are metastatic. Spinal cord metastasis is very rare as initial manifestation of Cancer. Few patients with no known comorbidities presents initially as neurologic manifestation and deficits. Rarely, patients demonstrate features of paraparesis. Radiotherapy is the gold-standard of therapy for spinal cord metastasis. The overall prognosis is poor and the mortality rate is very high. We present what is, to the best of our knowledge, the first case of spinal cord metastasis of rectal adenocarcinoma presenting with paraparesis at Ospital ng Makati, Philippines.

**Case Description:** A 64 year old male presented with an isolated spinal cord metastasis which presents as first manifestation of malignancy without central nervous system involvement. Patient underwent laboratory and diagnostic work-up. After radiological work up, MRI revealed an enhancing epidural soft tissue at level of T3 causing severe cord compression, with narrowing of the spinal canal. Proctosigmoidoscopy with biopsy revealed rectal adenocarcinoma. Patient is still alive after 3 months of diagnosis.

**Conclusion:** The patient had spinal cord metastasis secondary to rectal adenocarcinoma. The disease first manifest as neurologic symptom as paraparesis, which is very uncommon condition in an asymptomatic patient. This unique case has particular interest in medicine, especially for the specialties of medical, surgical and radiation oncology. Whole-body investigation might help for diagnosis of primary focus and approach to treatment.

### Biography

Shiela M Ramos is currently working in the Department of the Internal Medicine at Ospital ng Makati, Philippines. Ramos has published several original research papers in the reputed journals and has also participated in the several scientific meetings.

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