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## High Risk ileal mesenteric gastrointestinal stromal tumor masquerading as intestinal fistula & intra abdominal abscess formation: A Case Report

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Abstract

Gastrointestinal Stromal Tumors (GISTs) occur in less than 1% of all digestive tract tumors. Tumor perforation, GIST related fistulas and intra-abdominal abscess phenomenon are rare and occur as a result of GISTs' propensity to cause mucosal ulceration. This allows gut bacteria to enter the systemic circulation which increases the risk for bacteremia.

This case report investigated a 53-year-old male whose initial symptoms included fever, chills, leukocytosis, abdominal pain and a palpable right lower quadrant mass. Enhanced computed tomography (CT) scan of the abdomen revealed necrosis and abscess formation at the right lower quadrant. An ileal mass (7x10.7x12.5 cm) that formed a fistula between the tumor & small bowel with mesenteric thickening. Patient underwent exploratory laparotomy, segmental jejunal resection with end-to-end anastomosis, excision of mesenteric mass and drains. Imatinib mesilate 400mg orally once a day was initiated as adjuvant treatment.

Findings of intestinal fistula and intra-abdominal abscess formation in association with an Ileal GIST should raise a concern both for metastatic disease and possible infectious complication or sequelae. A timely and appropriate initiation of intravenous (IV) antibiotics and resection of the intraabdominal mass is tantamount to increase chances of survival.

**Biography:**

Dr. Ramon Guelos Jr is a 2nd year Medical Resident in Internal Medicine at [The Medical City Iloilo](#), Philippines. He is a graduate of Bachelor of Science in [Nursing](#), Cum Laude last 2015 from West Visayas State University, Iloilo City and his Doctor of [Medicine](#) from Central Philippine University, Iloilo City last 2019. He underwent his Post Graduate Internship at Jose R. Reyes Memorial Medical Center, Sta. Cruz, Manila.

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