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A rare perforated gastrointestinal stromal tumor in the jejunum: A case report

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A Gastrointestinal Stromal Tumor (GIST) of the small intestines is relatively rare and often present with vague symptoms. A clinical manifestation of acute abdomen due to tumor perforation is extremely rare. We report a 62-year-old Filipino male who presented with acute abdomen and weight loss. Scout Film Abdomen (SFA) and Whole Abdominal Computed Tomography Scan (WA-CT Scan) revealed partial intestinal obstruction with jejunal tumor mass approximately 8x10 cm in size. Emergency exploratory laparotomy was performed and resection of the small bowel (jejunum), end-to-end anastomosis, jejunostomy tube insertion, l avage and drain was done with intra-operative finding of small bowel mass measuring approximately 3 feet in length (convoluted) with tumor perforation, 3 feet from the Ligament of Treitz (LOT). Histopathological and immunohistochemical examination confirmed the tumor to be GIST with CD117 and DOG1 positivity. A high degree of suspicion along with complete clinical evaluation, proper ancillary procedures, histopathology and immunohistochemistry are necessary for early diagnosis of this rare complication of GIST. Emergency laparotomy and complete resection of tumor is essential as morbidity rates increase from delayed intervention. Adjuvant tyrosine kinase inhibitor therapy after surgical resection should be considered for prevention of early recurrence.

Biography

Jan Edward Pacis Albano has been graduated as Salutatorian during his elementary school and valedictorian during his high school. Before entering to Doctor of Medicine, he has been graduated with Cum Laude during his stay in University of Santo Tomas under BS Medical Technology. He has been graduated as a Doctor of Medicine from Far Eastern University.

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