

The Nurse Practitioner's Role Functions in Multi-Specialist Team When Caring for a Metastatic Colon Cancer Patient with Acute Intestinal Obstruction

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Abstract : Acute intestinal obstruction is one of the differentials of acute abdomen and requires timely alleviation of intestinal distention and abdominal pain to avoid perforation, intra-abdominal infection, and peritonitis. Investigation to identify the cause of obstruction will direct treatment planning and allow for more effective management. In this study, we present a 71-year-old female presenting with symptoms of acute intestinal obstruction for five days. After extensive history taking, physical exam, medical imaging, and pathology, the patient was diagnosed with colon cancer with lung metastasis and acute intestinal obstruction. The patient was placed on nil per os status with intravenous fluid support, intravenous antibiotics, and a decompression nasogastric tube was placed. The patient received decompression with colostomy creation surgery. After assessing the patient's clinical condition and tumor staging, a multidisciplinary healthcare team created an individualized treatment plan, which included plans to prepare the patient for home self-care and maintain good mental health with regular monitoring in the clinic setting. This case demonstrates the importance of early diagnosis, effective treatment, and a multidisciplinary approach to the management of acute intestinal obstruction secondary to colon cancer.

Keywords : acute intestinal obstruction, colostomy surgery, metastatic colon cancer, multidisciplinary healthcare team

Conference Title : ICCNCC 2022 : International Conference on Cancer Nursing and Cancer Care

Conference Location : Dubai, United Arab Emirates

Conference Dates : December 20-21, 2022