Misidentification of small bowel NET via 68Ga-Dotatate PET/CT

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Neuroendocrine tumors (NET) have had a 6.4 fold increased incidence rate between 1973 and 2012 with most found in the lungs, GI tract, rectum and pancreas. The use of 68 Ga-Dotatate PET/CT to specifically identify NET has promoted early diagnosis with 83%-100% sensitivity depending on the anatomic region. Here, we present a 68 year old male with a suspected a small bowel obstruction which by CT was identified as a mass with enlarged mesenteric nodes. 68 Ga-Dotatate PET/CT showed avidity in both the mass and the nodes, suggestive of NET. Upon surgical resection, the mass was not consiste...