Jejunal Adenocarcinoma on Celiac Disease

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Clinical Image

A 52 years old woman having celiac disease treated by gluten free diet with good observance, presented for vomiting, abdominal pain and loss of weight. Abdominal examination was normal. Upper endoscopy showed a mosaic on the duodenum. Duodenal samples showed partial villous regrowth with intraepithelial hyper-lymphocytosis. CT scan objectified a circumferential jejunal thickening (Figure 1). Laparotomy was performed, showing a magma of loops agglutinated with an infiltrated meso at 50 cm from the duodeno-jejunal angle. She underwent jejunum resection with laterolateral anastomosis (Figure 2). Histologically, the jejunal resection piece presented a well-
differentiated adenocarcinoma of 6.5 cm long axis, infiltrating the serosa without lymph node metastases and hyper lymphocytosis (T lymphocytes expressing CD3 on immunostaining (Figure 3 and 4). Tumor was classified T3N0 M0 according to TNM classification. She received post operative chemotherapy (FOLFOX).