Pancreatic Leak After Endoscopic Ultrasound Guided Fine Needle Aspiration Managed by Transpapillary Pancreatic Duct Stenting

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ABSTRACT

Context Endoscopic ultrasonography guided fine needle aspiration (EUS-FNA) is a front line test used for the diagnosis of solid as well as cystic lesions of the pancreas. This procedure is fairly well tolerated and associated with minimal complications. Local complications such as perforation and pancreatitis have been reported with EUS-FNA, albeit rarely. Although pancreatic duct (PD) injury can occur during EUS-FNA, symptomatic PD leak as a complication of this procedure has never been reported. Case report We present a 67-year-old patient who developed symptomatic ascites after EUS-FNA of a pancreatic neck lesion that required several paracenteses. Analysis of the ascitic fluid revealed that the fluid amylase and lipase levels were very high consistent with pancreatic ascites. An endoscopic retrograde pancreatography was subsequently performed that documented the presence of a PD leak in the neck. The PD leak and the ascites resolved after placing a PD stent.