

Spleen Preserving, Splenic Vessels Sparing, Pure Laparoscopic Total Duodenopancreatectomy for Intraductal Papillary Mucinous Pancreatic Neoplasia (IPMN): Case Report and Technique

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Abstract

Total duodenopancreatectomy (TDP), performed exclusively by laparoscopic approach is considered one of the most complex abdominal surgical procedures. TDP with preservation of spleen vessels (operation Kimura) is a more technically-demanding procedure, but is beneficial in selected cases. While some high-volume centers have gained experience in minimally-invasive pancreatectomies, laparoscopic approach remains a recommendation for well selected patients with benign or low-grade malignant tumors and should be performed with caution, by experienced HPB surgeons. In this paper, we present a spleen preserving, splenic vessels sparing, pure laparoscopic TDP on a 40-year-old patient diagnosed with diffuse IPMN performed in our center, illustrating the operative steps.

Key words: laparoscopic total pancreatectomy, intraductal papillary mucinous pancreatic neoplasia, spleen preserving pancreatectomy, splenic vessels sparing