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Islet autotransplantation in a patient with hypercoagulable disorder

Chirag S Desai, Khalid M Khan, Wanxing Cui

Abstract

Total pancreatectomy and islet auto transplantation is a good option for chronic pancreatitis patients who suffer from significant pain, poor quality of life, and the potential of type 3c diabetes and pancreatic cancer. **Portal vein thrombosis is the most feared complication of the surgery and chances are increased if the patient has a hypercoagulable disorder.** We present a challenging case of islet auto transplantation from our institution. A 29-year-old woman with *PAI-4G/4G* variant and a clinical history of venous thrombosis was successfully managed with a precise peri- and post-operative anticoagulation protocol. In this paper we discuss the anti-coagulation protocol for safely and successfully caring out islet transplantation and associated risks

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