

**A Posterior Approach Pancreaticoduodenectomy with Portal Vein Resection in a Large Adenocarcinoma of the Uncinate Process of the Pancreas - Case Report**

S.C. Moldovan<sup>1</sup>, T. Dumitrașcu<sup>2</sup>, A. Mensier<sup>1</sup>, T. Desurmont<sup>1</sup>, S. Dominguez<sup>3</sup>, N. Cambier<sup>3</sup>, A.M. Moldovan<sup>4</sup>, P. Gosset<sup>5</sup>, I. Popescu<sup>2</sup>

<sup>1</sup>Department of Visceral and Digestive Surgery, St. Vincent de Paul Hospital, The Catholic Institute of Lille Hospital Group, North University of France, Free Faculty of Medicine Lille, France

<sup>2</sup>Center of General Surgery and Liver Transplant, Fundeni Clinical Institute, Bucharest, Romania

<sup>3</sup>Department of Oncology and Hematology, St. Vincent de Paul Hospital, The Catholic Institute of Lille Hospital Group, North University of France, Free Faculty of Medicine Lille, France

<sup>4</sup>Department of Anaesthesiology, St. Vincent de Paul Hospital, The Catholic Institute of Lille Hospital Group North University of France, Free Faculty of Medicine Lille, France

<sup>5</sup>Department of Pathology, St. Vincent de Paul Hospital, The Catholic Institute of Lille Hospital Group, North University of France, Free Faculty of Medicine Lille, France

**Abstract**

A portal vein invasion is no longer a contraindication for resection in pancreatic cancer, but increased morbidity and mortality rates can be encountered. Hereby it is presented the case of a patient diagnosed with a large adenocarcinoma of the uncinate process of the pancreas, who underwent a posterior approach pancreaticoduodenectomy, with en bloc tangential resection of the portal vein, and total meso-pancreas excision. A posterior approach allows a negative resection margins pancreaticoduodenectomy, with a good local control of the disease, despite the increased tumor size, tumor location, and vascular involvement.

**Key words:** pancreatic cancer, pancreaticoduodenectomy, artery first approach, portal vein resection

Corresponding author: Irinel Popescu, MD, PhD, FACS, FEBS  
Professor of Surgery, Director  
"Dan Setlacec" Center of General Surgery and Liver Transplantation  
Fundeni Clinical Institute, Bucharest  
Sos. Fundeni, no. 258, sector 2, Romania  
E-mail: irinel.popescu220@gmail.com