

## Published Research -SQCCCRC

### Gastrointestinal Cancers Program (2022)

1. Cassese G, Han HS, Al Farai A, Guiu B, Troisi RI, Panaro F. Future remnant liver optimization: preoperative assessment, volume augmentation procedures and management of PVE failure. *Minerva Surg.* 2022 Aug;77(4):368-379. doi: 10.23736/S2724-5691.22.09541-7. Epub 2022 Mar 25. PMID: 35332767.

This paper reviews the current modalities available and new perspectives in the optimization of FRL in patients undergoing major liver resection as we know that the surgical and anesthetic technological advances permit us to expand the surgical indications however post hepatectomy liver failure still remains one of the major complications.

2. Panaro F, Al-Farai A, Cubisino A, Testa G. Parenchyma Sparing Hepatic Resection with Right Hepatic Vein Reconstruction: Lesson Learned from Living Donor Liver Transplantation. *J Gastrointest Surg.* 2022 Sep;26(9):1963-1966. doi: 10.1007/s11605-022-05314-z. Epub 2022 Apr 11. PMID: 35411499.

This paper demonstrates the technical feasibility and the surgical safety of right hepatic vein reconstruction in case of parenchymal sparing hepatectomy. Such technique will prevent a major hepatic resection for small liver lesions.

