Introduction to the special section on liver transplantation

Amir Borhani¹ · Alessandro Furlan²

Published online: 26 October 2020

© Springer Science+Business Media, LLC, part of Springer Nature 2020

Liver transplantation is the standard and ideal treatment for end-stage liver disease—currently more than 8000 cases per year are being performed in the United States. The abdominal radiologists play a critical role in the assessment of patients both before and after liver transplantation. In this special issue, the readers will find a collection of review articles written by nationally and internationally recognized experts in the field of liver imaging and liver transplantation. The content includes an overview of the current status of liver transplantation, a summary of the allocation strategies for cadaveric organs, and a review of guidelines for transplantation in patients with hepatocellular carcinoma. The role of diagnostic imaging and interventional radiology in the pre- and post-operative setting is explored including the evaluation of living liver donors, an illustration of the post-transplant anatomy, and a review of the most common surgical complications. Furthermore, emerging and advanced imaging techniques are described, such as contrast-enhanced ultrasound, elastography, and radiomics of hepatocellular carcinoma.

The information in this issue will help the reader to add value in the multidisciplinary management of liver transplant patients.

We are grateful to the authors for their excellent contributions and to Dr. Daniel Johnson, Editor-in-Chief, for giving us the honor and privilege to serve as guest editors of this issue of Abdominal Radiology.

Amir A. Borhani, MD

Alessandro Furlan, MD

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

✉ Alessandro Furlan
furlana@upmc.edu

Amir Borhani
Amir.Borhani@nm.org

¹ Northwestern University Feinberg School of Medicine,
Chicago, IL, USA

² University of Pittsburgh Medical Center, Pittsburgh, PA,
USA