

## Hepatocellular carcinoma 2017: MR and MSCT imaging

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Worldwide, hepatocellular carcinoma (HCC) is one of the most common causes of cancer-related death with over 500,000 new cases occurring per year. Some of the risk factors associated with HCC include hepatitis B and C, cirrhosis, alcoholic liver disease and aflatoxin exposure. Multislice-computed tomography (MSCT) and magnetic resonance imaging (MRI) are commonly used in the diagnosis, staging, and surveillance of these patients. The purpose of this presentation is to demonstrate a step-wise approach to the radiological evaluation of patients suspected with HCC. The presentation will discuss the importance of the optimum imaging protocol and the common. The new LIRADS criteria for the diagnosis of HCC and the application of Gd-EOB-DTPA to the management of HCC will be presented. Relevant imaging information to provide appropriate staging for HCC will be presented. Following the treatment of HCC, the detection of recurrent disease also depends on imaging findings. The imaging patterns that distinguish post-treatment changes versus recurrent disease will be presented. The goals of this presentation are for the participants to (i) to learn the importance of optimum imaging protocols, (ii) to become familiar with the imaging features of HCC, (iii) to recognize the imaging patterns of recurrence following treatment.

### Biography

Janio Szklaruk has completed his PhD in Physical Chemistry from the State University of New York at Stony Brook NY and his MD degree from the University of Pennsylvania School of Medicine. He completed his Residency in Diagnostic Radiology at Thomas Jefferson University Hospital in Philadelphia. He is the Director of Abdominal Imaging MR at MD Anderson Cancer Center. He is also the Co-Chief, ad interim, of the Abdominal Imaging Section in the Radiology Department at MD Anderson Cancer Center. He has published more than 60 papers and presented multiple talks at international conferences.

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