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Local Ablation Therapy in Liver Cancer

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Message from the Guest Editor

Dear Colleagues,

Local ablation therapy, including radiofrequency ablation (RFA), microwave ablation (MWA), and cryoablation, has been widely used as a curative treatment option for early-stage hepatocellular carcinoma (HCC) or small metastatic colorectal cancer in the liver. Recently, MWA has been emerging in the field of local ablation therapy because it has better physical properties by providing faster and higher heat than RFA. RFA has seen continuous evolution in the recent decade. Nowadays, centripetal RFA using multiple RF electrodes, even with the no-touch technique, is widely used for better local tumor control. Cryoablation is expected to produce comparable therapeutic outcomes to thermal ablation. Notably, cryoablation has been reported to have a lower complication rate in treating HCCs close to the bile duct or intrahepatic vessels than RFA. In this special issue, recent advances in local ablation therapy, including RFA, MWA, and cryoablation of liver cancer, will be updated.



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Special Issue



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Message from the Editor-in-Chief

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