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## **INTERVENTIONAL MRI AND ITS ROLE IN IMAGE-GUIDED THERAPY**

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Interventional Magnetic Resonance Imaging (iMRI) is a growing field that offers several benefits and enhancements in the delivery of care to patients with a wide range of illnesses. In addition to superior anatomical depiction of disease, iMRI yields feedback on the physiologic impact of interventions performed. In addition, the magnetic environment of the MRI scanner can be exploited to facilitate interventions when coupled with the appropriate clinical tools.

The topics to be covered include targeted drug delivery, tumor therapies, and remote catheter navigation. It will be shown how iMRI enhances the safety and efficacy of these procedures.

## **BIOGRAPHY**

Mark Wilson, MD, is a vice chair and professor-in-residence in the department of radiology and biomedical imaging at the University of California, San Francisco. He is the chief of radiology and chief of interventional radiology at Zuckerberg San Francisco General Hospital and Trauma Center (ZSFG). His clinical research is focused on how effectively interventional radiology manages different issues and the economic advantages of interventional radiology in any settings, and the contrasting roles of interventional radiology in the hospital setting. Mark Wilson has published over 75 articles, 5 book chapters, and 5 significant publications.

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