Redefining MRI:
From Image to Insight

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Postop. MR in MSK

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The steady rise of orthopaedic surgeries to address terminal-stage joint degeneration with aging populations has increased the need for postoperative imaging of complications. MRI is commonly used for postoperative monitoring due to its excellent contrast in both soft and osseous tissues. However, orthopaedic surgeries commonly employ metallic hardware, which can create prohibitive artifacts on MRI in its vicinity, where accurate visualization of abnormalities is most needed. Over the past few decades, a series of MRI techniques has been developed to provide robust MRI visualization of complications near metal. This talk will present technical considerations in building postoperative MRI protocols and introduce clinical applications of post-op MRI with metal artifact correction.