HIFU Treatment of Bone Tumours



Gd-T₁-w MRI of an 18-year-old woman who underwent HIFU ablation for tibia osteosarcoma. (a) Before HIFU treatment shows a hypervascular lesion (arrow) in the tibia. Images obtained (b) 2 weeks and (c) 12, (d) 24, and (e) 36 months after HIFU show no evidence of enhancement in treated tumor region (arrow).

[1] Primary Bone Malignancy: Effective Treatment with High-Intensity Focused Ultrasound Ablation *Chen W., et al., Radiol., 2010; 255(3):967-78.*