

Ultra-small Super-paramagnetic Iron Oxide (USPIO) MR imaging in Benign Mixed Tumor of the Parotid Gland

Jason Johnson^{1,2}, ASR Mohamed³, Yao Ding⁴, Jihong Wang⁴, Stephen Y. Lai⁵, Clifton D. Fuller⁴, Rutvij Shah³, Randal Butler², and Randall Weber⁶

¹University of Texas System

²MD Anderson Cancer Center

³The University of Texas, MD Anderson Cancer Center

⁴The University of Texas MD Anderson Cancer Center

⁵M. D. Anderson Cancer Center

⁶The University of Texas M.D. Anderson Cancer Center

August 14, 2020

Abstract

Ultra-small superparamagnetic iron oxide (USPIO) compounds are used to detect nodal metastases in various types of cancer. A benign mixed tumor was evaluated with MRI including USPIO and prior to surgery. USPIO were significantly concentrated in the lesion.

Hosted file

12Aug2020 USPIO_in_BMT jmj.docx available at <https://authorea.com/users/41803/articles/475683-ultra-small-super-paramagnetic-iron-oxide-usprio-mr-imaging-in-benign-mixed-tumor-of-the-parotid-gland>













