

## **Supplementary Material Two**

### **List of clinical papers using ferumoxytol**

This table was created as supplementary material for the review titled “Current and Potential Imaging Applications of Ferumoxytol for MRI”, to list the clinical papers using ferumoxytol by the clinical indication.

List of clinical papers using ferumoxytol

<b>Author</b>	<b>Year</b>	<b>Clinical indication</b>
<b>CNS</b>		
Muldoon et al	2006	Review
Neuwelt et al.	2007	GBM, oligodendroglioma, brain metastasis, malignant pineal tumor
Neuwelt et al.	2009	Review
Weinstein et al.	2010	Review
Gahramanov et al.	2011	GBM
Dosa et al.	2011	Capillary telangiectasia, cavernoma, DVA, AVM
Hamilton et al.	2011	Primary glial tumors, metastases, PCNSL, PTL, schwannoma, subacute-chronic stroke, cavernous malformation, capillary telangiectasia
Dosa et al.	2011	Primary glial tumors, angiocentric T-cell lymphoma, brain metastasis
Thompson et al.	2012	Medulloblastoma, juvenile pilocytic astrocytoma, GBM, anaplastic astrocytoma, anaplastic oligoastrocytoma
Qui et al.	2012	Healthy volunteers
Hasan et al.	2012	AVM
Hasan et al.	2012	Cerebral aneurysm
Christen et al.	2013	Healthy volunteers
Gahramanov et al.	2013	GBM
Farrell et al.	2013	PCNSL, MS, tumefactive demyelination, ADEM, encephalitis, PTL
Varallyay et al.	2013	Primary glial tumors, brain metastasis, PCNSL, meningioma, pituitary adenoma, PNET, vascular lesions/stroke, neuroinflammation/MS
Nakamoto et al.	2013	HIV-associated neurocognitive disorder
Hasan et al.	2013	Intracranial aneurysm

D'Arceuil et al.	2013	Healthy volunteers
Nesseri et al.	2014	GBM
Gahramanov et al.	2014	GBM
Zanaty et al.	2016	AVM, aneurysm
Hamilton et al.	2016	Meningioma, dural metastasis
<b>Body</b>		
Harisighani et al.	2007	Prostate cancer staging
Gunn et al.	2013	Normal adrenal gland
Hedgire et al.	2014	Pancreatic adenocarcinoma
Bashir et al.	2014	Review
Aghighi et al.	2015	Bone sarcoma
Gaglia et al.	2015	Type-1 diabetes – pancreatic inflammation
Turkbey et al.	2015	Prostate cancer
Neuwelt et al.	2015	Review
Wang et al.	2015	Review
Smits et al.	2016	NASH, hepatic steatosis without NASH
Fredricson et al.	2016	Liver metastasis, lung metastasis, mesenteric and renal metastasis, peritoneal metastasis
Stirrat et al.	2016	Healthy volunteers
A Neuwelt et al.	2016	Pedal osteomyelitis
<b>Cardiovascular</b>		
Li et al.	2005	Carotids, thoracic and abdominal aorta, peripheral arteries
Ersoy et al.	2004	Aortic stent-graft endoleak
Li et al.	2007	lower extremity deep venous thrombosis
Stabi K et al.	2011	Review
Alam et al.	2012	Myocardial inflammation (STEMI)
Sigovan et al.	2012	Hemodialysis fistula
Yilmaz et al.	2012	Myocardial infarct characterization (STEMI)
Yilmaz et al.	2013	Myocardial infarct characterization (STEMI)

Bashir et al.	2013	Renal transplant vascular patency
Nayak et al.	2015	CKD on hemodialysis: kidney transplant, biliary/liver dysfunction, vascular access
Bashir et al.	2014	Abdominal pelvic and lower extremity venography
Florian et al.	2014	Myocardial infarct imaging (STEMI)
Norenberg et al.	2015	Review
Han et al.	2015	CHD
Hope et al.	2015	Carotids, coronaries, aneurysms, aortic dissections, pulmonary embolism, arteriovenous fistula, lower extremities
Walker et al.	2015	Peripheral arterial disease
Ruangwattanapaisarn et al.	2015	CHD
Cheng et al.	2015	CHD
Bietenbeck et al.	2015	Review
Corwin et al.	2015	Renal transplant vascular patency
Finn et al.	2016	Review
Hanneman et al.	2016	CHD
Luhar et al.	2016	Pre- and post-transplant evaluation, evaluate for new vascular access, hemorrhage, DVT
<b>Pediatrics</b>		
Thompson et al.	2012	Medulloblastoma, juvenile pilocytic astrocytoma, GBM, anaplastic astrocytoma, anaplastic oligoastrocytoma
Klenk et al.	2014	Lymphoma, sarcoma
Aghighi et al.	2016	Lymphoma, sarcoma
<b>Safety</b>		
Nguyen et al.	2016	MRI Safety (n=165)
Ning et al.	2016	MRI Safety in pediatric patients (n=86)
Muehe et al.	2016	Safety in pediatric patients (n=68)
Vasanawala et al.	2016	Safety and Technique review (n≈ 2000)

CNS: central nervous system, GBM: glioblastoma multiforme, DVA: developmental venous anomaly, AVM: arteriovenous malformation, PCNSL: primary central nervous system lymphoma, PTLD: post-transplant lymphoproliferative disease, MS: multiple sclerosis, ADEM: acute demyelinating encephalomyelitis, PNET: primitive neuroectodermal tumor, NASH: non-alcoholic steatohepatitis, STEMI: ST-segment elevation myocardial infarction, CKD: chronic kidney disease, CHD: congenital heart disease, DVT: deep vein thrombosis.