

THE MRI CENTERS OF NEW ENGLAND



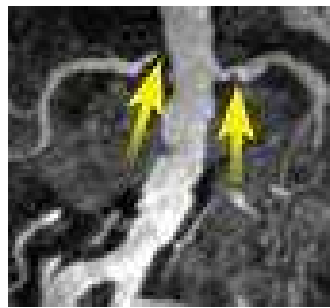
Vascular News 2012

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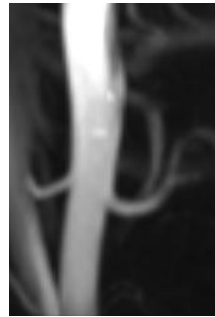
Dr. Janet Hope Sherman completed her radiology residency and MRI fellowship at New England Deaconess Hospital, Beth Israel Hospital, and Harvard Medical School. Magnetic resonance angiography, MRA, without contrast, can be performed safely, regardless of kidney function, without radiation. Assessing blockages (stenosis and occlusion) of the arteries that supply the kidney helps evaluate high blood pressure that may not be responding well to medication. Kidney size is well assessed with renal MRI and cortical loss or enlargement of the collecting system is seen.



Normal renal arteries
MRA with contrast



Renal artery stenosis



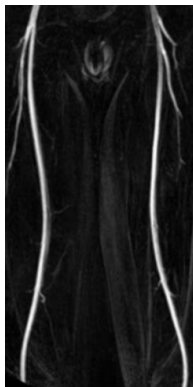
Normal renal arteries
MRA without contrast



Atrophied Right Kidney

MRA, with and/or without contrast, including non-contrast MRA of lower extremity and abdominal arteries is safe, and uses no radiation. Creating a road map of each patient's vessels, guides preventative care, treatment and intervention and helps to prevent stroke and amputations.

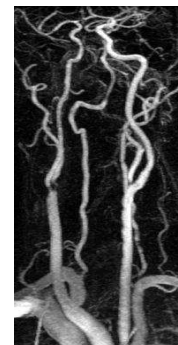
Normal thigh and calf arteries



Diabetic, diseased calf, foot arteries



Severe R ICA stenosis



These lower extremity studies were performed without contrast. State of the art MRA, including non-contrast and 4 dimensional MRA is provided by Dr. Sherman at her MRI Center offices.

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