The Role of MRI in Diagnosis of Renal Artery Stenosis

Thesis

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Abstract

Renal artery stenosis is one of the common causes of secondary hypertension. Repair of renal artery stenosis have proved to control blood pressure and preserve the kidney function.

MRI have been tried for the last decade as an investigating tool for diagnosis of renal artery stenosis.

Through the improvement of MRI software and the use of gadolinium chelates in cases suspected of having renal artery stenosis, it was found that MRI is an important tool for screening, diagnosis and planning the therapeutic protocol in cases of secondary hypertension due to renal artery stenosis.

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