

Abstract

Although vascular complications are infrequent in individuals with type 1 neurofibromatosis (NF1), they can give rise to renal artery stenosis and renovascular hypertension (RVH). Treatment options for RVH include the use of antihypertensive medications, percutaneous transluminal renal angioplasty (PTRA), surgical reconstruction of the renal artery, or nephrectomy.

In this case report, we describe a newly diagnosed patient with NF1 who developed renovascular hypertension caused by right renal artery stenosis due to fibromuscular dysplasia. The condition was successfully managed using percutaneous transluminal renal angioplasty (PTRA).