

Evidence Discussion

(PVI.300.A)

EviCore
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Due to the external compression, significant size differential of the vein and risk of stent migration initial endovascular management is not recommended. Surgical management with Left renal vein translocation or bypass is the preferred initial management for symptomatic left renal vein compression.

Venous angioplasty and/or stenting may be indicated for recurrent stenosis after surgical decompression.

References

1. Erben Y, Gloviczki P, Kalra M, Bjarnason H, Reed NR, Duncan AA, Oderich GS, Bower TC. Treatment of nutcracker syndrome with open and endovascular interventions. J Vasc Surg Venous Lymphat Disord. 2015 Oct;3(4):389-396. doi: 10.1016/j.jvsv.2015.04.003. Epub 2015 Jun 30. PMID: 26992616