

# Clinical trials of Symplicity system

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## 1 hypertension

Trial	Treatments	Patients	Trials design and methods
<b>Symplicity system vs control</b>			
<a href="#">Symplicity HTN-2 , 2010</a> [NCT00888433] n=52/54 follow-up: 6 months	renal denervation with previous treatment versus maintain previous treatment alone	patients with baseline systolic blood pressure of 160 mmHg or more (150 mmHg for patients with type 2 diabetes), despite taking three or more antihypertensive drugs	Parallel groups open
<b>Symplicity system vs sham procedure</b>			
<a href="#">Symplicity HTN-3 , 2014</a> [NCT01418261] n=NA follow-up: 6 months	catheter-based renal denervation versus sham procedure	patients with resistant hypertension	Parallel groups double-blind

More details and results :

- renal denervation for hypertension in patients with resistant hypertension at <http://www.trialresultscenter.org/go-Q693>

## References

### Symplicity HTN-2, 2010:

Esler MD, Krum H, Sobotka PA, Schlaich MP, Schmieder RE, Bhm M Renal sympathetic denervation in patients with treatment-resistant hypertension (The Symplicity HTN-2 Trial): a randomised controlled trial. Lancet 2010;376:1903-9 [[21093036](#)]

### Symplicity HTN-3, 2014:

Bhatt DL, Kandzari DE, O'Neill WW, D'Agostino R, Flack JM, Katzen BT, Leon MB, Liu M, Mauri L, Negoita M, Cohen SA, Oparil S, Rocha-Singh K, Townsend RR, Bakris GL A controlled trial of renal denervation for resistant hypertension. N Engl J Med 2014 Apr 10;370:1393-401 [[24678939](#)] [10.1056/NEJMoa1402670](#)