

# Clinical trials of renal denervation for hypertension in patients with resistant hypertension

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## 1 multi-electrode renal denervation

Trial	Treatments	Patients	Trials design and methods
<b>EnligHTN system vs control</b>			
EnligHTN-IV [NCT01903187] n=NA follow-up:	-	-	Parallel groups
<b>Symplicity Spyral vs sham procedure</b>			
SPYRAL HTN-OFF MED <i>ongoing</i> [NCT02439749] n=NA	-	-	
SPYRAL HTN-ON MED <i>ongoing</i> [NCT02439775] n=NA	-	-	

## References

EnligHTN-IV, :  
 SPYRAL HTN-OFF MED, :  
 SPYRAL HTN-ON MED, :

## 2 renal denervation

Trial	Treatments	Patients	Trials design and methods
<b>Symplicity system vs control</b>			
Symplicity HTN-2 , 2010 [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>			

continued...

Trial	Treatments	Patients	Trials design and methods
<a href="#">Simplicity 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

## References

### Simplicity 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](#)]

### Simplicity 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](#)

## 3 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

TrialResults-center is non-profit and self-funded.