

Medtronic

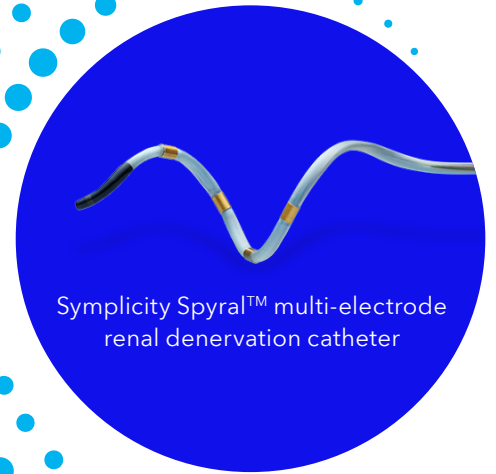
Engineering the extraordinary

Symlicity G3™ Renal Denervation RF Generator

Precise, safe, and effective¹⁻⁶



Symlicity G3 generator
Model RDN017 shown



Symlicity Spyral™ multi-electrode
renal denervation catheter

The **Symlicity G3 generator** employs a real-time responsive algorithm that controls and monitors the safe distribution of energy to target nerves.⁶

RDNG3A / RDN017 (Based on country approval)



Model RDN017 shown

- Dimensions: 29.9 cm x 36.7 cm x 18.9 cm (11.8 in x 14.5 in x 7.5 in)
- Weight: <9kg (<19.8lbs) excluding accessories
- Display screen: 26.4 cm (10.4 in)

Materials

- Painted and nonpainted sheet metal
- Polycarbonate/acrylonitrile butadiene styrene blend (external covers)
- Thermoplastic elastomer (cord management strap)
- Glass (projected capacitance touchscreen)

Cart

- ABS plastic
- Painted aluminium

Accessories

AC Power Cables

- | | |
|-----------------|--------|
| • NEMA 5-15 | <3.1 m |
| • CEE 7/7 | 2.5 m |
| • SANS 164-1 | 2.5 m |
| • AS/NZS 3112 | 2.5 m |
| • BS 1363 | 2.5 m |
| • CEI 23-50 S11 | 2.5 m |
| • SEV 1011 | 2.5 m |
| • SI-32 | 2.5 m |
| • DK-2-8A | 2.5 m |

Included

- Remote control

Optional

- Mobile cart

Sold Separately

- Symplicity Spyral catheter
- 0.014" Guidewire (non-hydrophilic with a supportive shaft and floppy tip)
- 6F Guide catheter (90cm max length)
- Dispersive electrode for RDNG3A: Compatible with Polyhesive Adult Patient Return Electrode (Model E7507, E7505-DB)
- Dispersive electrode for RDN017: A disposable dispersive electrode with a molded connector specified for adult use that complies with IEC 60601-2-2 is required

Technical specs

- RF power output to a maximum of 6.5 W per electrode (26 W total)
- Delivers energy if measured impedance is ≥ 175 ohms and < 1200 ohms
- Input power of 100 to 240 V ~, 50 to 60 Hz universal power supply

Sterilisation process

Generator shall not be sterilised

Refer to the Instructions for Use (IFU) and User Manual for full product information.

1. Böhm M, Kario K, Kandzari DE, et al. Efficacy of catheter-based renal denervation in the absence of antihypertensive medications (SPYRAL HTN-OFF MED Pivotal): a multicentre, randomised, sham-controlled trial. *The Lancet*. 2020; Published online March 29, 2020.
2. Kandzari DE, Böhm M, Mahfoud F, et al. Effect of renal denervation on blood pressure in the presence of antihypertensive drugs: 6-month efficacy and safety results from the SPYRAL HTN-ON MED proof-of-concept randomised trial. *The Lancet*. 2018 Jun 9;391(10137):2346-2355.
3. Townsend RR, Mahfoud F, Kandzari DE, et al. Catheter-based renal denervation in patients with uncontrolled hypertension in the absence of antihypertensive medications (SPYRAL HTN-OFF MED): a randomised, sham-controlled, proof-of-concept trial. *The Lancet*. 2017;390:2160-2170.
4. Mahfoud F, Mancia G, Schmieder R, et al. Three-year safety and efficacy in the Global Symplicity Registry: Impact of antihypertensive medication burden on blood pressure reduction. Presented at PCR e-course 2020.
5. Medtronic data on file.
6. Coates P, Tunev S, Trudel J, et al. Time, temperature, power, and impedance considerations for radiofrequency catheter renal denervation. *Cardiovascular Revascularization Medicine*, 2022.

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