Medtronic

The Symplicity[™] Blood Pressure Procedure

Renal denervation

An adjunctive treatment for uncontrolled hypertension.

The need

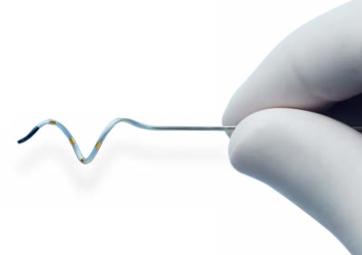
Hypertension is highly prevalent with <20% of patients achieving blood pressure control despite existing treatment options.¹

reduction in relative risk of **major cardiovascular events** (MACE) with each 10 mmHg decrease in mean OSPB2

The Symplicity procedure

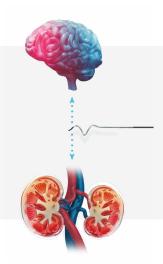
The Symplicity Spyral[™] Renal Denervation System is a minimally-invasive interventional approach to safely achieve BP reductions.³⁻⁷

- Helical pattern to ablate all 4 quadrants simultaneously⁸
- One catheter size fits all eligible anatomy (vessels 3-8 mm)^{8,9}
- Automatically monitors and safely controls power to each electrode, independently⁹



reduction in relative risk of major

mean OSBP.²



Radiofrequency (RF) energy

Radiofrequency (RF) energy is delivered to disrupt the overactive sympathetic signalling between kidneys and the brain to reduce blood pressure.⁹ Kidneys modulate sympathetic tone via the renal nerves to control blood pressure.

The evidence

The Symplicity™ Blood Pressure Procedure is **proven** to provide **safe** and **effective** blood pressure reductions that are **"always on"**.³⁻⁶

⊘ Significant

>9 mmHg reduction in OSBP at 3 - 6 months.^{3-6,10}

• Consistent BP reductions across trials, in both the presence and absence of medications³⁻⁶

⊘ Safe

Excellent safety profile.³⁻⁷

- No new incidence of renal artery stenosis at 6 months⁶
- Minimal decline in eGFR through 3 years in Medtronic GSR⁷

⊘ Sustained

>18 mmHg reduction in OSBP at 3 years.^{10,11}

 Sustained reductions at 3 years in >1500 patients¹¹⁻¹³ and out to ~10 years in independent research^{14,15}

The right patient

ESC/EAPCI clinical consensus statement recommends renal denervation as an **adjunctive treatment** to lifestyle and pharmacological intervention and identifies patients who can benefit.¹⁶



Uncontrolled resistant hypertension patients with

- Office BP ≥140/≥90 mmHg confirmed by ABPM
- Treated with ≥3 meds
- eGFR ≥40 ml/min/1.73 m²

BB

Patients intolerant to medications

 Patient preference integrated in a shared decisionmaking process Patients at high global cardiovascular risk

References

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See the device manual for detailed information regarding the instructions for use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at www.medtronic.eu.

For applicable products, consult instructions for use on manuals.medtronic.com. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

For distribution only in markets where the Symplicity Spyral[™] multi-electrode renal denervation catheter and Symplicity G3[™] renal denervation RF generator have been approved. Not for distribution in the USA, Japan or France.

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