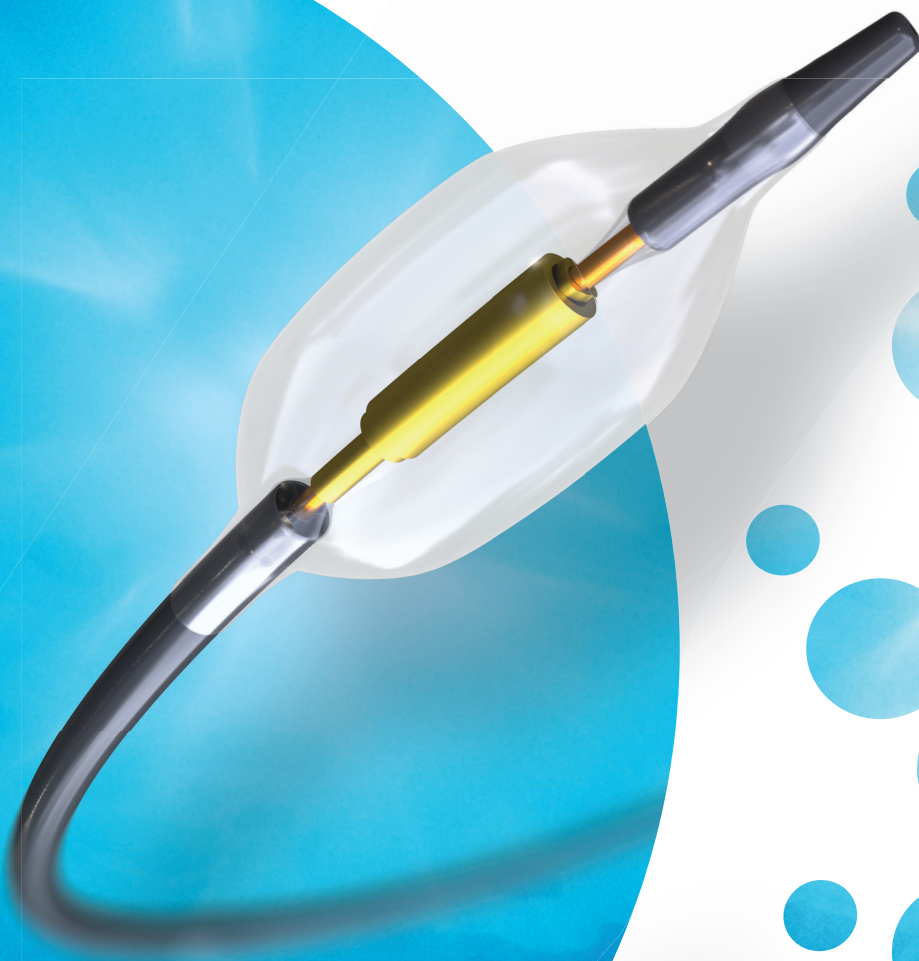




# Advancing the treatment of uncontrolled hypertension

Paradise™ Ultrasound Renal Denervation System

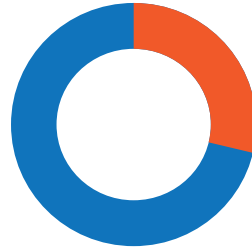


ReCor Medical™  
Ultrasound Denervation Therapies

# Hypertension impacts billions of patients worldwide



**1.39**  
billion people  
worldwide<sup>3</sup>



**31.1%**  
of adults have  
hypertension<sup>3</sup>

## About 20% of treated patients have resistant hypertension

Even with 3 or more medications, patients struggle to control hypertension leading to an increased risk of cardiovascular complications and mortality.



20% Relative Risk Reduction  
of major CV events with

**10** mmHg BP Drop.<sup>4</sup>



## The need for different treatment options is clear

For patients struggling to control their hypertension, now there is a treatment that is proven to lower their blood pressure.

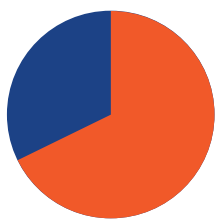


## Ultrasound Renal Denervation (uRDN) is a minimally invasive procedure that lowers high blood pressure by treating overactive renal nerves with ultrasound energy

### The optimal RDN system should:

- Provide full circumferential energy at sufficient depth to target the majority of nerves
- Produce consistent energy for different sizes of vessel
- Protect the arterial wall
- Minimize ablation and procedure time for patient comfort and safety

### Ultrasound RDN demonstrated meaningful blood pressure reduction in multiple clinical trials<sup>5,6</sup>



Over **2/3**  
of treated patients  
experienced meaningful  
blood pressure reduction.



Sustained for at least  
**24 months**<sup>5,6,9</sup>



**In those who responded to the treatment  
the average drop in ABP was**

**17.0 mmHg**  
in patients with resistant  
hypertension on 3+ meds<sup>5</sup>

**13.6 mmHg**  
in patients with mild to  
moderate hypertension<sup>6</sup>

# Paradise™ Ultrasound Renal Denervation System

## Maximize denervation with a simplified procedure

### Proven to treat uncontrolled hypertension

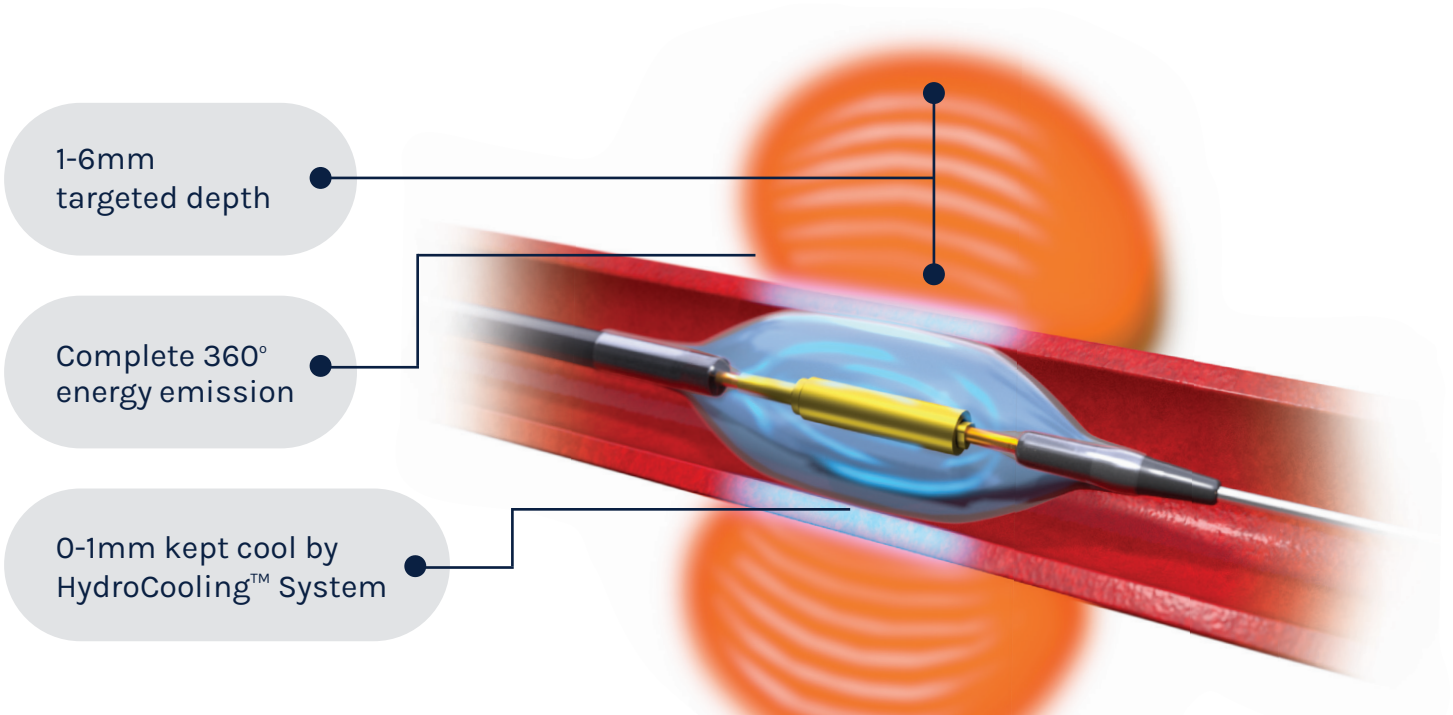
- Complete 360° energy emission in a single sonication for maximum benefits of renal denervation<sup>8</sup>
- BP reduction achieved both with and without anti-hypertensive medication in sham controlled studies<sup>5,6</sup>
- Continuous treatment effectiveness – day-and-night<sup>5,6</sup>

### Designed for patient safety

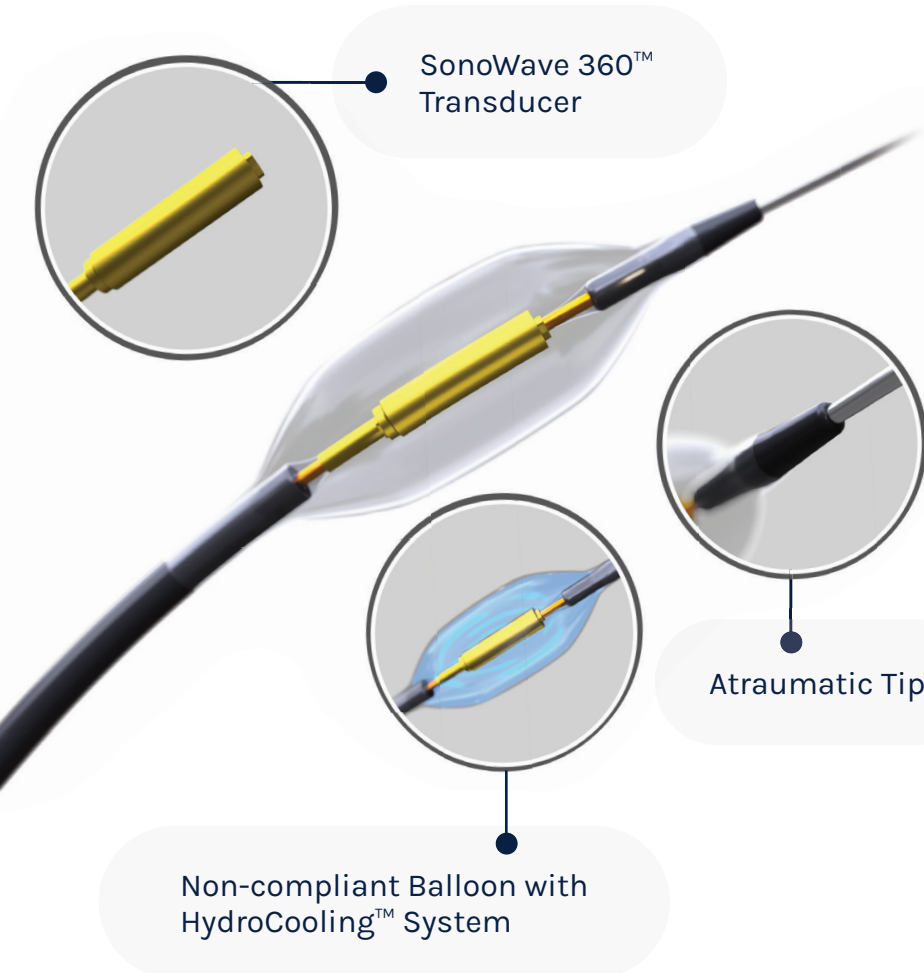
- HydroCooling™ System protects the arterial wall<sup>7</sup> by minimizing risk of overheating and subsequent tissue damage
- 0% major adverse device related events<sup>+5</sup>
- No renal arterial injury or new onset of stenosis<sup>±6</sup>
- Short sonication time can lead to reduced radiation exposure, anaesthesia, and pain<sup>7</sup>

### Simplified procedure

- Only 7-second sonications, with 2-3 sonications per main renal artery<sup>5-7</sup>
- Majority of procedure can be completed in the main vessel
- Intuitive system setup compatible with standard accessories<sup>8</sup>



# The Paradise™ Ultrasound Renal Denervation System gives you an innovative treatment option



## State-of-the-art catheter

- Consistently targets 1-6 mm depth ablating ~80% nerves in a single emission<sup>8</sup>
- Provides energy without tissue contact, using HydroCooling technology<sup>7,8</sup>
- Designed for safety, with a non-compliant balloon and an atraumatic tip<sup>8</sup>

## Intuitive and easy to use generator

- Automatically detects catheter size and adjusts energy level<sup>8</sup>
- Consistent energy emission irrespective of arterial dimension<sup>8</sup>
- Efficient workflow through a simple, user-friendly interface that can be set up quickly<sup>8</sup>



# Components & Ordering Information

Components	Specs	Part Number
<b>Paradise™ Catheter</b>	<ul style="list-style-type: none"> <li>• SonoWave 360 Transducer (~5mm long) in each balloon catheter</li> <li>• Over-the-Wire (OTW) balloon catheter compatible with 0.014", 180-190cm guidewire</li> <li>• 85cm working length compatible with 55cm guide catheter or guiding sheaths (0.081" minimum inner diameter)</li> <li>• Treats renal arteries 3-8mm in diameter</li> <li>• Supplied sterile, single use</li> </ul>	3.5mm balloon: PRDS-063-02 4.2mm balloon: PRDS-064-02 5mm balloon: PRDS-065-02 6mm balloon: PRDS-066-02 7mm balloon: PRDS-067-02 8mm balloon: PRDS-068-02
<b>Paradise™ Generator</b>	Portable customized generator <b>Height: 29.0cm Width: 26.0cm Depth: 39.8cm Weight: 11.0kg</b>	PRDS-USG-2X
<b>Paradise™ Cartridge</b>	Supplied sterile, single use	PRDS-CT-02
<b>Paradise™ Cable</b>	Supplied sterile, single use	PRDS-CC-02

**Give your patients struggling to manage hypertension a safe and effective treatment—  
The Paradise™ Ultrasound Renal Denervation System**

**ReCor Medical™**  
Ultrasound Denervation Therapies

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+ Major adverse events within 30 days of procedure attributable to Paradise system.

± Renal artery or other major vascular complication requiring intervention and/or new onset renal artery stenosis of >70%.

**References:** 1. World Health Organization. Hypertension. Available at: [www.who.int/news-room/fact-sheets/detail/hypertension](http://www.who.int/news-room/fact-sheets/detail/hypertension). Accessed 7/22/2021. 2. Foreman, K. et al. Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016-40 for 195 countries and territories. *Lancet* 2018; 392: 2052-90. 3. Mills KT, Stefanescu A, He J. The global epidemiology of hypertension. *Nat Rev Nephrol*. 2020;18(4):223-237. 4. Ettahad et al. Blood pressure lowering for prevention of cardiovascular disease and death: a systematic review and meta-analysis. *Lancet*. 2016 March; 387(10022):P957-967. 5. Azizi et al. Ultrasound renal denervation for hypertension resistant to a triple medication pill (RADIANCE-HTN TRIO): a randomised, multicentre, single-blind, sham-controlled trial. *Lancet*. 2021 May 14;S0140-6736(21)00788-1. 6. Azizi et al. Endovascular ultrasound renal denervation to treat hypertension (RADIANCE-HTN SOLO): a multicentre, international, single-blind, randomised, sham-controlled trial. *Lancet*. 2018 Jun 9;391(10137):2335-2345. 7. Pathak et al. Renal sympathetic nerve denervation using intraluminal ultrasound within a cooling balloon preserves the arterial wall and reduces sympathetic nerve activity. *EuroIntervention*. 2015 Aug;11(4):477-84. 8. Data on file. ReCor Medical. 9. Rader et al. TCT 2021.

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