

Renal Dynamics (ReDy) is dedicated to treating hypertension with a single intervention using its Renal Denervation System. Based on a proprietary SmartRF Algorithm and design, ReDy is developing a solution that is easy and quick to administer, uses one universal catheter and provides increased patient comfort.



**1 BILLION**

Number of people with hypertension worldwide<sup>1</sup>



**\$150 BILLION**

Economic burden of hypertension in the US<sup>2</sup>



**HIGH RISK**

Hypertension dramatically increases risk of heart attack, stroke, heart failure and kidney failure<sup>3</sup>



**HIGH MORTALITY**

Hypertension is the single largest contributor to death worldwide<sup>3</sup>



**DRUG RESISTANCE**

Blood pressure targets are achieved and controlled in only half of all treated hypertensives<sup>4</sup>

## THE NEED

Renal denervation has the potential to provide an effective treatment for millions of patients whose hypertension cannot be controlled with pharmaceutical treatment alone. The market lacks a solution that addresses the basic limitations of current technology, including difficulty in accessing the renal artery, inability to predict lesion formation and the need for multiple catheters per procedure.

### Sources:

[1] WHO Global Health Observatory (GHO) data, accessed Feb 2 2016 [2] Heidenreich PA, Trogon JG, Khavjou O, Butler J, et al. Forecasting the future of cardiovascular disease in the United States: A policy statement from the American Heart Association. *Circulation*. 2011;123:933-944 [3] Kearney PM, Whelton M, Reynolds K, Muntner P, Whelton PK, He J. Global burden of hypertension: analysis of worldwide data. *Lancet*. 2005;365(9455):217-23 [4] Chobanian et al. *Hypertension*. 2003; 42(6):1206-1252.

Renal Dynamics' third-generation renal denervation system has received CE mark and is approved for sale in Europe. The system is not currently approved for use in the USA.

## THE REDY SOLUTION

The ReDy Renal Denervation System is based on a novel multi-electrode ablation technology, delivering predetermined RF ablation set with a single positioning. The system includes a universal Renal Denervation Catheter and the SmartRF Generator, combining bipolar and unipolar radiofrequency power with a proprietary algorithm, and ensuring complete lesion formation without unnecessary energy delivery.

## MANAGEMENT

Our management team brings a wealth of experience in medical device operations and strategic management.

Shlomo Ben-Haim, Executive Chairman and Founder  
Simos Kedikoglou, Strategy Board  
Shawn Moaddeb, Strategy Board  
David Prutchi, Strategy Board  
Mateusz Zelewski, Strategy Board  
Alexandra Patru, Strategy Board

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