# Resistant Hypertension Course

Novel approaches for the management of a patient presenting with Resistant Hypertension

First joint meeting



15<sup>th</sup>-16<sup>th</sup> February, 2013 - Berlin, Germany

Considering the emergence of new techniques and technologies (catheter-based renal sympathetic denervation and others), a new annual forum of multidisciplinary exchanges, widely opens to the whole medical community involved in the fields of hypertension and interventional medicine.







### **Editorial**

Effective control of blood pressure levels in hypertensive patients is associated with a reduction in cardiovascular mortality and in the incidence of stroke, myocardial infarction and renal events. Yet, despite the use of combinations of antihypertensive drugs, blood pressure control cannot be obtained in a consistent proportion of patients.

In order to provide resistant hypertensive ("RH") patients with optimal care, a holistic team approach for the decision-making process and appropriate use of these techniques is crucial.

This first RH Course is a joint initiative of the European Society of Hypertension (ESH), the European Association of Percutaneous Cardiovascular Intervention (EAPCI) and PCR aiming to provide a forum for hypertension specialists, physicians caring for hypertensive patients, physicians performing catheter-based interventional medicine and other healthcare providers to reflect on the current state of knowledge and to share acquired experience.

A Steering Board, whose members work in Hypertension Centers of Excellence, with experience in the field of RH, is proposing this interactive and practical course, an open forum, where concerns can be expressed, answers found and consensus reached.

Our long-term common objectives are to help physicians, across multiple disciplines who are all focused on the resistant hypertensive patient, uncover the answer to "what is the best management and technical strategy for my patient?" and to insure a successful integration of promising new technologies into their armamentarium.

The Steering Board

## Steering board

#### Chairpersons

Sverre Kjeldsen - Norway Felix Mahfoud - Germany

#### Steering board members

Renata Cífková - Czech Republic Pierre-François Plouin - France Roland Schmieder - Germany

### Course objectives

Reflecting together on knowledge and experience,

- To better understand what "resistant essential hypertension" is and how the step-by-step logical pathway allows to conclude on this diagnosis and why new treatment options are legitimate.
- To better understand which patients are currently considered as optimal candidates for catheter-based renal sympathetic denervation or other technologies, and what are the current, relative or absolute contra-indications;
- To better understand what could be the future clinical developments, taking into consideration a precautionary attitude;
- > To get a practical overview of current catheter-based renal sympathetic denervation or other available techniques and technologies and to understand the tips and hints for a successful intervention.

## Target audience

- > Physicians who take care of hypertensive patients
- > Physicians who perform interventional procedures
- Healthcare providers



#### Course structure

#### Part 1 Reflecting on knowledge

- My patient is presenting with resistant hypertension: is it an "resistant essential hypertension"?
- Is my patient a candidate for renal denervation or another new technique?
- What are the different possible techniques?

### Part 2 Catheter-based renal sympathetic denervation or another technique is decided Sharing experience

- > Techniques and material selection
- Tips and hints for a successful procedure based on cases (recorded and Live in-a-box® cases...)
- > Post-intervention patient's management

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