



European
Society of
Hypertension

9th Official pre-ESH Congress Satellite Symposium



DIFFICULT TO CONTROL HYPERTENSION & RELATED COMORBIDITIES



Scientific Program

Live Streaming: <https://projector-web.gr/dromena/en/esh2023>



Hellenic Society
of Hypertension



ESH Working Group
Interventional treatment
of Hypertension



University of Athens
School of Medicine



Hellenic Cardiological Society
Working Group
Arterial Hypertension



Institute for Study, Research
Education & Therapy of Vascular,
Heart, Brain, Kidney, Nosologies

31 March - 1 April 2023

Benaki Museum **Amphitheater**

138 Piraeus Street, **ATHENS**

Chairman: **C. Tsioufis**

Co-chairman: **R.E. Schmieder**

Focused sessions on Renal Denervation
and ESH Research projects with the
participation of ESH WGs
and Excellence Centers

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Editorial

Dear Colleagues,

We are really very happy to welcome you again in Athens at the **9th Official pre-ESH International Congress Satellite Symposium**, entitled **“Update on difficult to Control Hypertension and Related Comorbidities”**, on **31 March @ 1 April 2023** at the **Benaki Museum Amphitheater (Piraeus Street)**.

Last June we also had the pleasure of holding in Athens the prestigious 31st European Meeting on Hypertension and Cardiovascular Protection that was indeed a great success in terms of the attendants' participation (both in person and virtually), as well as the high quality of the scientific programs and social events contained therein.

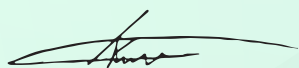
We are looking forward to your participation to the meeting that continues to maintain in its own distinct characteristics: interactive with short duration of presentations and assignment of one panelist per speaker, dedicated sessions to pharmacotherapy and renal denervation for management of uncontrolled hypertension in light of the upcoming ESH guidelines and session dedicated to ESH Research Projects with active involvement of leaders of ESH Excellence Centers.

Participants who are taking care of hypertensive patients (Cardiologists, Internists, Nephrologists, and General Practitioners) after completion of the Symposium will be able to transform into clinical practice the medical knowledge shared in the meeting, leading to better hypertension management.

Participate, learn and live the experience of the 9th Official pre-ESH Congress Satellite Symposium in Athens 31st March-1st April 2023.

With warm regards,

Costas Tsioufis



Chairman of the Symposium
President of ESH (2018-2019)

Roland E. Schmieder



Co-Chairman of the Symposium

Guido Grassi



President of ESH (2022-2024)

09.30-10.30 **WORKSHOP 1** (6 slides / 6 mins per presentation)

All you should know about ABPM

Coordinators: **A. Kollias (GR), E. Manios (GR)**

09.30-09.36

How to perform an ABPM

E. Manta (GR)

When to perform ABPM

I. Andrikou (GR)

How to interpret ABPM

D. Konstantinidis (GR)

ABPM vs home BP

M. Poikilidou (GR)

ABPM vs cuffless measurement devices

E. Triantafyllidi (GR)

Questions from the fellows

N. Karaminas (GR), S. Droghkaris (GR), D. Polyzos (GR), M. Kouremeti (GR), A. Mavroudis (GR)

10.30-12.00

WORKSHOP 2 (6 slides / 6 mins per presentation)

How to interpret findings from TOD in hypertensive pts. A case based discussion

Coordinators: **M. Marketou (GR), T. Makris (GR)**

From ECG

P. Iliakis (GR)

From 24 ambulatory ECG

P. Papakonstantinou (GR)

From treadmill exercise test

V. Katsi (GR)

From cardiac echo

C. Grassos (GR)

From peripheral arteries (carotid IMT, ABI)

I. Kachrimanidis (GR)

From urinalysis

I. Tsoubou (GR)

From CT of thoracic /abdominal aorta

I. Liatakis (GR)

From CT/MRI renal arteries

F. Tatakis (GR)

Could artificial intelligence have a great role?

P. Tsioufis (GR)

Panelists: **D. Chatzis (GR), D. Gourlis (GR), E. Andrikou (GR), I. Papadakis (GR)**

- 12.00-13.00 Clinical relevance of adverse remodelling of microcirculation in hypertensive patients** (10 slides / 10 mins per presentation)
Coordinators: **A. Virdis***(IT), **M. Dorobantu** (RO), **D. Tousoulis** (GR)
At the level of coronary circulation
K. Dimitriadis (GR)
At the level of cerebral circulation
C. Savvopoulos (GR)
At the level of kidney
A. Damianaki (GR)
At the level of eye
A. Triantafyllou (GR)
Panelists: **A. Sakalidis** (GR), **I. Dimitroglou** (GR), **M. Sonikian** (GR), **I. Dalakouras** (GR)
- 13.00-14.00 LIGHT LUNCH**
- 14.00-15.00: Managing HTN in patients with CKD** (15 slides / 15 mins per presentation)
Chairpersons: **J.M. Halimi***(FR), **D. Vlachakos** (GR)
BP targets in patients with CKD/ESRD? How to go there?
J.M. Halimi*(FR)
BP control in patients with polycystic kidney disease
R. Kalaitzidis (GR)
Treatment of atrial fibrillation in patients with advanced CKD and ESRD
P. Sarafidis (GR)
Panelists: **D. Petras** (GR), **S. Marinaki*** (GR)
- 15.00-16.00 Key studies for uncontrolled HTN from the recent AHA/ACC meetings** (20 slides / 20 mins per presentation)
Chairmen: **R. Kreutz** (DE), **E. Agabiti-Rosei*** (IT)
AHA 2022
J. Danser (NL)
ACC 2023
M. Doulas (GR)
Panelists: **Z. Jarai** (HU), **V. Kotsis*** (GR), **D. Konstantinidis** (GR)
- 16.00-16.30 COFFEE BREAK**
- 16.30-17.30 The “still-burning” questions for optimal management of hypertension (I)** (12 slides / 12 mins per presentation)
Chairmen: **M. Doulas** (GR), **A. Januszewicz** (PL)
Hyperaldosteronism; the right patient for being treated with MRA
M. Azizi (FR)
Renal artery stenosis. The right patient for renal artery stenting
A. Persu (BE)
HTN and OSAS. The right patient for CPAP therapy
K. Narkiewicz (PL)
The very elderly patients (over 85 years old). When and how to treat
A. Benetos* (FR)
Panelists: **P. Zebekakis** (GR), **E. Dri** (GR), **D. Papadopoulos** (GR), **A. Pittaras** (GR)

17.30-18.45 The “still-burning” questions for optimal management of hypertension (II) (10 slides / 10 mins per presentation)

Chairmen: **J. Brguljan (SI), A. Postadzhyan (BG)**

Hypertensive disorders during peri-partum. How to treat

C. Thomopoulos (GR)

History of pre eclampsia. How to improve the CV prognosis

J. Brguljan (SI)

Hyperadrenegic HTN. How to be treated

G. Grassi (IT)

The non adherent hypertensive patient. How to be treated

M. Burnier*(CH)

When to prescribe antiplatelet treatment to a hypertensive patient

L. Sorodoc* (RO)

Panelists: **A. Jelaković (HR), E. Sanidas (GR), B. Jelaković (HR)**

18.45-20.00 The “still-burning” questions for optimal management of hypertension (III) (10 slides / 10 mins per presentation)

Chairmen: **A. Protogerou (GR), D. Lovic (RS)**

HTN due to Anabolic /cannabis/cocaine. How to treat

E. Galiagkousi (GR)

HTN due to antineoplastic drugs. How to treat

P. Van de Borne (BE)

HTN post stroke. How to treat

P. Cunha (PT)

How to avoid dementia in a hypertensive patient

A. Coca (ES)

HTN in a diabetic patient. How to treat in the era of SGLT2I

C. Borghi (IT)

Questions from the fellows: **P. Theofilis (GR), N. Argyriou (GR), G. Koutsopoulos (GR), E. Karanikola (GR), V. Mantziaris (GR)**

08.45-09.30 **SPECIFIC LECTURES** (20 slides / 20 mins per presentation)

Chairmen: **J. Redon (ES), G. Mancia (IT)**

Non dipping profile. Pathophysiological and therapeutic considerations

G. Stergiou (GR)

Proteomic and metabolomic profile of comorbidities accompanied by hypertension

C. Delles (UK)

SESSIONS DEDICATED TO RENAL DENERVATION: RDN - PATHWAYS TO CLINICAL PRACTICE. SESSIONS ARE SUPPORTED BY A NON-RESTRICTED EDUCATIONAL GRANT BY MEDTRONIC, RECOR, ABLATIVE SOLUTIONS, KALOS MEDICAL

09.30-10.45 **SESSION 1** (12 slides / 12 mins per presentation)

Hypertension Management and Guidelines in 2023

Chairpersons: **G. Grassi (IT), J. Redon (ES)**

Moment of truth - Are we successfully achieving blood pressure control?

G. Mancia (IT)

Pharmacologic Approaches - What's new and what's changed

R. Kreutz (DE)

Interventional approaches, RDN - What's new and what's changed

M. Boehm (DE)

Panelists: **P. Van de Borne (BE), C. Borghi (IT), A. Coca (ES)**

10.45-11.45 **SESSION 2** (10 slides / 10 mins per presentation)

Innovation in Device-Based Technology - Latest Evidence

Chairpersons: **R.E. Schmieder (DE), S. Taddei (IT)**

Preclinical Studies of Renal Denervation and Application to Clinical Trials and Practice

A. Sharp (UK)

Evidence supporting the safety of renal denervation

P. Sarafidis (GR)

Evidence for the efficacy of renal denervation in reducing BP (office, 24h Ambulatory, home)

G. Parati (IT)

Evidence for the durability of renal denervation

J. Weil (DE)

Evidence for the reduction of cardiovascular events following renal denervation

F. Mahfoud (DE)

11.45-12.05 **COFFEE BREAK**

12.05-13.00 **SESSION 3** (10 slides / 10 mins per presentation)

RDN as the third pillar in the management of uncontrolled hypertension. A case - based discussion

Chairpersons: **M. Boehm (DE), F. Mahfoud (DE)**

Global renal denervation consensus update

R.E. Schmieder (DE)

The case of treatment resistant/ difficult to treat populations

C. Tsioufis (GR)

The case of hypertensive patients' preference/or intolerance to medications

A. Pathak (FR)

The case of hypertensive patient with comorbidities

M.R. Bruno (FR)

Panelists: **M. Azizi (FR), M. Doumas (GR), D. Hering (PL), M.R. Bruno (FR)**

13.00-14.00 **SESSION 4** (12 slides / 12 mins per presentation)

Being familiar with the RDN procedure. Live in the box cases

Chairpersons: **C. Tsioufis (GR), P. Davlouros (GR)**

The radiofrequency procedure

K. Dimitriadis (GR)

The ultrasound procedure

A. Sharp (UK)

The chemical ablation

F. Mahfoud (DE)

Panelists: **A. Ziakas (GR), S. Soulaïdopoulos (GR), L. Poulimenos* (GR)**

14.00-14.30 **LIGHT LUNCH**

14.30-15.30 **SATELLITE SYMPOSIUM (SOMNOmedics)**

Chairman: **G. Parati (IT)**

The challenge of accurate blood pressure measurement

Importance of blood pressure measurement during night

G. Parati (IT)

Clinical challenges in ABPM - artifacts, measurement accuracy, and clinical classification

T.L. Bothe (DE)

Next generation of cuff-based ABPM

G. Küchler (DE)

15.30-16.15 **ROUND TABLE DISCUSSION I** (10 slides / 10 mins per presentation)

Hot topics are waiting answers

Chairpersons: **M. Azizi (FR), K. Narkiewicz (PL)**

What is the evidence in other patient groups beyond hypertension?

D. Hering (PL)

Will we have an outcomes study?

S. Taddei (IT)

Is renal denervation cost effective?

R.E. Schmieder (DE)

16.15-17.00 **ROUND TABLE DISCUSSION II** (10 slides / 10 mins per presentation)

How to build a RDN program. The Multi-Disciplinary Approach to Hypertension Management

Chairmen: **A. Sharp (UK), G. Parati (IT)**

Structural requirement

S. Brouwers* (CH)

Clinical perspective

M. Azizi (FR)

The candidate perspective

A. Pathak (FR)

Communicating across specialties to ensure timely patient care - Patient follow up

M.R. Bruno (FR)

Patient preference

J. Weil (DE)

The Greek RDN Committee

C. Tsioufis (GR)

17.00-19.00 SESSION DEDICATED TO ESH RESEARCH PROJECTS (ESH WGS AND EXCELLENCE CENTERS INITIATIVES). THIS SESSION IS SUPPORTED BY A NON-RESTRICTED EDUCATIONAL GRANT BY SERVIER (6 slides / 6 mins per presentation)

Coordinators: **G. Grassi (IT), R. Kreutz (DE), C. Tsioufis (GR)**

1. ABPM during and after COVID-19 pandemic

A. Januszewicz (PL)

2. Blood pressure control in Europe: an update

A. Triantafyllou (GR), B. Jelaković (HR)

3. Hypertension and Post-Traumatic Stress Disorder in Ukrainian refugees

A. Persu (BE), M. Burnier* (CH), K. Narkiewicz (PL)

4. A. Emergency hypertension registry

C. Fragoulis (GR), C. Tsioufis (GR), M.L. Muiesan (IT)

5. B. Malignant Arterial Hypertension (HAMA) registry

R. Boulestreau* (FR)

6. Initiative on transition of hypertensive youth from pediatric to adult care

S. Stabouli* (GR), E. Lurbe* (ES)

7. MASTER Study

G. Parati (IT)

8. Glaucoma and blood pressure project and registry

Z. Zhang (BE)

9. FMD Registry and Initiative (FEIRI)- extension beyond Europe

A. Persu (BE)

FACULTY

Agabiti-Rosei E. (IT)	Januszewicz A. (PL)	Petras D. (GR)
Andrikou E. (GR)	Jarai Z. (HU)	Pittaras A. (GR)
Andrikou I. (GR)	Jelaković A. (HR)	Poikilidou M. (GR)
Argyriou N. (GR)	Jelaković B. (HR)	Polyzos D. (GR)
Azizi M. (FR)	Kachrimanidis I. (GR)	Postadzhyan A. (BG)
Benetos A. (FR)	Kalaitzidis R. (GR)	Poulimenos L. (GR)
Boehm M. (DE)	Karaminas N. (GR)	Protogerou A. (GR)
Borghi C. (IT)	Karanikola E. (GR)	Redon J. (ES)
Bothe T.L. (DE)	Katsi V. (GR)	Sakalidis A. (GR)
Boulestreau R. (FR)	Kollias A. (GR)	Sanidas E. (GR)
Brguljan J. (SI)	Konstantinidis D. (GR)	Sarafidis P. (GR)
Brouwers S. (CH)	Kotsis V. (GR)	Savvopoulos C. (GR)
Bruno M.R. (FR)	Kouremeti M. (GR)	Schmieder R.E. (DE)
Burnier M. (CH)	Koutsopoulos G. (GR)	Sharp A. (UK)
Chatzis D. (GR)	Kreutz R. (DE)	Sonikian M. (GR)
Coca A. (ES)	Küchler G. (DE)	Sorodoc L. (RO)
Cunha P. (PT)	Liatakis I. (GR)	Soulaidopoulos S. (GR)
Dalakouras I. (GR)	Lovic D. (RS)	Stabouli S. (GR)
Damianaki A. (GR)	Lurbe E. (ES)	Stergiou G. (GR)
Danser J. (NL)	Mahfoud F. (DE)	Taddei S. (IT)
Davlouros P. (GR)	Makris T. (GR)	Tatakis F. (GR)
Delles C. (UK)	Mancia G. (IT)	Theofilis P. (GR)
Dimitriadis K. (GR)	Manios E. (GR)	Thomopoulos C. (GR)
Dimitroglou I. (GR)	Manta E. (GR)	Tousoulis D. (GR)
Dorobantu M. (RO)	Mantziaris V. (GR)	Triantafillidi E. (GR)
Doumas M. (GR)	Marinaki S. (GR)	Triantafyllou A. (GR)
Dri E. (GR)	Marketou M. (GR)	Tsioufis C. (GR)
Drogkaris S. (GR)	Mavroudis A. (GR)	Tsioufis P. (GR)
Fragoulis C. (GR)	Muiesan M.L. (IT)	Tsoubou I. (GR)
Galiagkousi E. (GR)	Narkiewicz K. (PL)	Van de Borne P. (BE)
Gourlis D. (GR)	Papadakis I. (GR)	Virdis A. (IT)
Grassi G. (IT)	Papadopoulos D. (GR)	Vlachakos D. (GR)
Grassos C. (GR)	Papakonstantinou P. (GR)	Weil J. (DE)
Halimi J.M. (FR)	Parati G. (IT)	Zebekakis P. (GR)
Hering D. (PL)	Pathak A. (FR)	Zhang Z. (BE)
Iliakis P. (GR)	Persu A. (BE)	Ziakas A. (GR)

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GENERAL INFORMATION

9th Official pre-ESH International Congress Satellite Symposium

Update on Difficult to Control Hypertension and Related Comorbidities

Chairman: C. Tsioufis

Co-Chairman: R.E. Schmieder

Venue location & Dates

The official pre-ESH International Congress Satellite Symposium will be held from Friday, March 31st to Saturday, April 1st 2023 in Athens, at BENAKI MUSEUM (138 Piraeus str., 118 54 Athens, Greece, <http://www.benaki.gr>)

Registration - Certificate of Attendance

The registration fee for all participants is 200,00 €. All registered participants are entitled to receive a Certificate of Attendance.

The Certificate will be issued only upon display of participant badge, which will be issued by the Symposium secretariat and only upon satisfactory attendance.

Official Language

The official language of the course is English.

Live Streaming

<https://projector-web.gr/dromena/en/esh2023>

Exhibition

The Symposium will be accompanied by a major exhibition where pharmaceutical and/or equipment/device industries will display relevant products and therapeutic developments.

Organizing Bureau - Secretariat

Dromena Meetings & Events

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