**Congress Venue**
Conference Room, 8th Floor
S. Luca Hospital - Istituto Auxologico
Piazzale Brescia 20, Milan - Italy

**Scientific Committee:**
M. Di Rienzo, Milan - Italy
F. Lombardi, Milan - Italy
P. Guzik, Poznan - Poland
E. O’Brien, Dublin - Ireland
G. Parati, Milan - Italy
G. Stergiou, Athens - Greece

**Speakers and Chairpersons:**
P. Agostoni, Milan - Italy
A. Avolio, Sydney - Australia
G. Bilo, Milan - Italy
P. Boutouyrie, Paris - France
P. Castiglioni, Milan - Italy
M. Di Rienzo, Milan - Italy
P. Guzik, Poznan - Poland
K. Kario, Tokyo - Japan
F. Lombardi, Milan - Italy
M. Malik, London - United Kingdom
E. O’Brien, Dublin - Ireland
G. Parati, Milan - Italy
G. Schillaci, Terni - Italy
G. Schmidt, Munich - Germany
G. Stergiou, Athens - Greece

Free registration through email: f.fabbiani@aimgroup.eu

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**CARDIOVASCULAR VARIABILITY: UPDATE ON METHODOLOGICAL ISSUES AND CLINICAL APPLICATIONS**

Official Investigator Generated Satellite Symposium to the 25th Congress of the European Society of Hypertension

**MILAN, JUNE 11TH, 2015**

**WITH THE ENDORSEMENT OF THE ESH WORKING GROUP ON BLOOD PRESSURE MONITORING AND CARDIOVASCULAR VARIABILITY AND OF THE ESC WORKING GROUP ON E-CARDIOLOGY**
Welcome
E.O’Brien (Dublin, Ireland), G. Parati (Milan, Italy)

SESSION 1: METHODOLOGICAL ISSUES
Chairmen: M. Di Rienzo (Milan, Italy), E.O’Brien (Dublin, Ireland)

09.00 - 09.25 Unmet needs in the assessment and clinical applica-
tion of cardiovascular variability.
G. Parati (Milan, Italy)

09.25 - 09.50 Continuous non invasive BP recordings: what space
for cuffless methods for assessment of pulse wave
velocity and pulse transit time?
G. Bilo (Milan, Italy)

09.50 - 10.15 Methods for ambulatory assessment of pulse wave
analysis and central blood pressure assessment: how
reliable?
P. Boutouyrie (Paris, France)

10.15 - 10.40 Beat to beat assessment of cardiac mechanics
M. Di Rienzo (Milan, Italy)

10.40 - 11.05 Assessment of cardiovascular variability with smart
phones and advanced sensors
P. Guzik (Poznan, Poland)

11.05 - 11.30 Post-extrasystolic blood pressure potentiation as a
new risk stratification tool
G. Schmidt, MD (Munich, Germany)

11.30 - 11.55 General Discussion

13.00 - 14.15 Pulse wave velocity in different arterial segments: dif-
ferent clinical meaning of carotid-femoral and caro-
tid-radial PWV ?
G. Schillaci (Terni, Italy)

14.15 - 14.45 Clinical and physiological relevance of non-linear ana-
lysis of cardiovascular variability:
• Heart rate
  M. Malik (London, United Kingdom)
• Blood Pressure
  P. Castiglioni (Milan, Italy)

14.45 - 15.10 How to manage an increased BPV in clinical practice
K. Kario (Tokyo, Japan)

15.10 - 15.30 General discussion

15.30 Conclusions
G. Stergiou (Athens, Greece), G. Parati (Milan, Italy)

SESSION 2: PHYSIOLOGICAL AND CLINICAL ASPECTS
Chairmen: F. Lombardi (Milan, Italy), G. Stergiou (Athens, Greece)

13.00 - 13.25 Physiological and clinical meaning of cardiovascular
variability during exercise
P. Agostoni (Milan, Italy)

13.25 - 13.50 Pulse wave velocity and pulse transit time: different
meaning in a clinical setting?
A. Avolio (Sydney, Australia)