European Society of Hypertension Working Group
on Blood Pressure Monitoring and Cardiovascular Variability

Chairman: George Stergiou 2016-2020
Secretary: Paolo Palatini 2016-2020
Past Chairpersons: Gianfranco Parati 2012-2016
Roland Asmar 2010-2012
Jan Staessen 2008-2010
Eoin O’Brien 1997-2010

History

The European Society of Hypertension Working Group on Blood Pressure Monitoring was founded in 1997, with Professor Eoin O’Brien as its first Chairman. Succeeding chairpersons were Jan Staessen, Roland Asmar, Gianfranco Parati and George Stergiou. The broad objectives of the Group were to advance knowledge relating to all aspects of BP measurement with a view to advancing the technology available for hypertension research and to improve the clinical management of hypertension. These objectives were achieved in a number of ways including (i) production of guidelines for the clinical application of office, home and ambulatory BP; (ii) establishment of clinical validation protocols for BP measuring devices; (iii) organisation of meetings for communications and discussions, or lectures on BP monitoring; (iv) involvement of the manufacturing and engineering industries, the standards institutions, the nursing profession and other groups as seemed appropriate to the future development of techniques of measurement.

The Working Group has a truly international composition with 20 nucleus members who are distinguished BP measurement experts from Europe, Japan, China, Canada, Australia and the US. In 2011 the Working Group was merged with the ‘Working Group on BP and Heart rate Variability’ and was re-named the ‘Working Group on BP Monitoring and Cardiovascular Variability’.

During the last 20 years the Working Group has had outstanding and sustained success in fulfilling all its objectives. First, more than 100 papers have been published by the group, including many official statements, guideline papers and consensus statements on several aspects of BP measurement. Second, the Working Group developed the International Protocol for the clinical validation of BP measuring devices, which has been the most widely used validation protocol around the world with >200 published validations. Third, the Working Group has organised multiple educational meetings on BP monitoring and published the proceedings of these meetings. Recently, the Working Group collaborated with the US AAMI and the ISO organisation for the development of a Universal Standard for the clinical validation of BP measuring devices (AAMI/ESH/ISO).

Structure

The business of the Working Group is conducted by the Board, which consists of no more than 20 members plus the Chairman and Secretary. The Working Group Chairman and Secretary are elected by the Board to serve for a period of two years with the option of being re-elected for one additional two-year term. Exceptions can be made with the agreement of the Board and the Membership in order to safeguard continuity within the Board. The Board for the moment consists of the original members of the Nucleus - Roland Asmar, Lawrie Beilin, Denis L. Clement, Peter De Leeuw, Robert Fagard, Yutaka Imai, Jean-Michel Mallion, Giuseppe Mancia, Thomas Mengden, Martin G. Myers, Eoin O’Brien, Paul Padfield, Gianfranco Parati, Paolo Palatini, Josep Redon, Jan Staessen, George Stergiou, Gert van Montfrans, Paolo Verdecchia, Bernard Waeber, and William White. Any member of the Board can apply for the position of Chairman or Secretary. New Board members are elected from the Working Group Membership by a proposer and seconder from the Board. The Board produces an annual report for approval by the Membership of the Working Group. The Board meets at least every year at the Scientific Meeting of ESH.

Members

Andreadis Emmanuel  Baselli Giuseppe  Bochud Murielle
Angeli Fabio  Batzel Jerry  Bursztyn Michael
Asayama Kei  Bauernschmitt Robert  Byrd Brian
Asmar Roland  Beilin Lawrence  Castiglioni Paolo
Aubert Andre  Bilo Grzegorz  Cerutti Sergio
Clement Denis  Malberg Hagen  Redon Josep
Coudefe Jean-Philippe  Maldonado Jao  Saladini Francesca
de la Sierra Alex  Malik Marek  Salvi Paolo
De Leeuw Peter  Mallion Jean-Michel  Seidlerova Jitka
Di Rienzo Marco  Mancia Giuseppe  Sirenko Yuriy
Dolan Eamon  Manios Efstatios  Siven Sam
Fagard Robert  Manolis Athanasios  Sokolovic Sekib
Faini Andrea  Masafumi Nishizawa  Staessen Jan A.
Filipovsky Jan  Mengden Thomas  Stauss Harald
Germano Giuseppe  Migeotte Pierre-Francois  Stergiou George
Hansen Tine Willum  Mihailidou Anastasia  Stojanovic Milos
Hiremath Swapnil  Mitsis Georgios D.  Stolarz-Skrzypek Katarzyna
Hoshide Satoshi  Montano Nicola  Swanghedauw Bernard
Hoyer Dirk  Munekazu Ryuzaki  Tan Ya Wen Isabella
Huikuri Heikki  Myers Martin  Topouchian Jirar
Iellamo Ferdinando  Narkiewicz Krzysztof  Torlasco Camilla
Imai Yutaka  Niiranen Teemu  van de Borne Philippe
Jing Liu  Nollo Giandomenico  van den Born Bert-Jan
Julien Claude  Ntineri Angeliki  Van Leeuwen Peter
Kahan Thomas  O’Brien Eoin  Van Montfrans Gert
Kario Kazuomi  Ohkubo Takayoshi  Verdecchia Paolo
Kikuya Masahiro  Omboni Stefano  Voss Andreas
Kollias Anastasios  Padfield Paul  Waeder Bernard
Kotovskaya Yulia  Palatini Paolo  Wang Jiguang
Kotsis Vasilios  Palombo Carlo  Watterheuer Siegfried
Krastic Goran  Papelier Yves  Wessel Niels
Kyriakoulis Konstantinos  Parati Gianfranco  White William
Laude Dominique  Pathak Atul  Williams Stephen Kayode
Lee Eric  Persson Pontus  Yi Zhang
Lewis Philip  Porta Alberto  Żebrowski Jan
Li Yan  Quintin Luc  Zelvenian Parounak
Lombardi Carolina  Ramakrishna Mukkanala

Publications

Proceedings

1999


2000

- O'Brien E. Proposals for simplifying the validation protocols of the British Hypertension Society and the Association for the Advancement of Medical Instrumentation. Blood Pressure Monit. 2000;5:43-45

2001

• Tochikubo O, Kimura K. Recent advances in blood pressure measurement technology: normalized blood pressure measurement with a double-cuff sphygmomanometer. Blood Press Monit. 2001;6: 297-301

• Beilin L. Role of automated measurements in understanding lifestyle effects on blood pressure. Blood Press Monit. 2001;7: 45-50

2003

• Stojanovic M, O’Brien E, Lyons S, Stanton A. Silent myocardial ischaemia in treated hypertensives with and without left ventricular hypertrophy. Blood Pressure Monit. 2003;8:45-51


• Stergiou GS. Which is the correct term for blood pressure measurements taken at home? Blood Pressure Monit. 2003;8:165-167

• Mengden T, Uen S, Baulmann J, Vetter H. Significance of blood pressure self-measurement as compared to office blood pressure measurement and ambulatory 24-hour blood pressure measurement in pharmacologic studies. Blood Pressure Monit. 2003;8:169-172

• Den Hond E, Staessen JA on behalf of the APTH and THOP investigators. Relation between left ventricular mass and systolic blood pressure at baseline in the APTH and THOP trials. Blood Press Monit. 2003, 8:173–175


2004


• Palatini P. Masked hypertension: how can the condition be detected? Blood Press Monit. 2004;9:297-299


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Published Statements


