

Brazilian Society of Hypertension Scientific Sessions 2015 August 13-15, 2015

FINAL PROGRAM

8:00 - 9:00	THURSDAY, 13 AUGUST 2015
	How-to Session I - Blood Pressure Measurements
ROOM 1	MODULE 1: Office BP measurement
	Angela Pierin
	How-to Session II - Hypertension in Primary Care
	Joint Session SBH - Brazilian Society of Family Medicine
	MODULE 1 - Moderators: Rafael Aron Abitbol (RJ) e Lucélia Magalhães (BA)
	1. Which are the epidemiological data about hypertension in the last years?
ROOM 2	Frida Plavnik (SP)
	 How to confirm the diagnosis and to classify hypertension in clinical practice? Sergio Kaiser (BA)
	3. When to suspect white-coat hypertension and masked hypertension without using ABPM?
	Lilian Soares da Costa (RJ)
	4. Discussion
	CURSO 3 - Physical Activity and Blood Pressure
	MODULE I - Moderators: Claudia Forjaz (SP) e Walace Monteiro (RJ)
	1. Risks and benefits of aerobic exercise in hypertensive subjects
ROOM 3	Katia de Angelis (SP)
	2. Risks and benefits of strength exercise in hypertensive subjects
	Andreia Queiroz (MG) 3. Discussion
9:00 - 10:30	THURSDAY, 13 AUGUST 2015
	International Society of Hypertension (ISH) and SBH Joint Session I - Young Investigators Oral session
	Area: Experimental Hypertension - Moderators: Rhian Touyz and Mario Cesaretti
	1. Effects of ghrelin infusion on cardiac energy metabolism in experimental model of obesity
	Luciane da Silva Vieira
	2. Analysis of the hemodynamic parameters response to tyramine infusion after physical training in
	spontaneously hypertensive rats
	Octávio Barbosa Neto
	Antidiabetic, antiinflammatory and antioxidant effects of euterpe oleracea mart. (açaí) extract in type 2 diabetic rats. The exercise training potentiates these effects?
	Graziele Freitas de Bem
	4. Cardioprotection induced by physical training in heart failure depends on the preservation of vagal
	preganglionic neurons and on the parasympathetic activity
	Marcelo Hiro Akiyoshi Ichige
	5. Hypertension changes the ventilatory pattern and increases purinergic p2x7 receptor expression in
ROOM 1	the lung and the activity of ubiquitin-proteasome system in rat diaphragm
	Pamella Ramona Moraes de Souza
	6. MicroRNA selection and target protein involved with the cardiac function of infarcted rats in
	response to aerobic training
	Stéphano Freitas Soares Melo
	7. The effect of perivascular adipose tissue (pvat) on vascular reactivity in animals treated with high- carbohydrate diet
	Daniela Esteves Ferreira dos Reis Costa
	8. Chronic treatment with oral formulation of Ang(1-7) reduces cardiac oxidative damage and improves
	hemodynamic parameters in spontaneously hypertensive rats
	Daniela Ravizzoni Dartora
	9. Highlights

	International Society of Hypertension (ISH) and SBH Joint Session II - Young Investigators Oral session
	Area: Clinical Hypertension - Moderators: Ernesto Schiffrin and Mario Fritsch Neves
	1. Aldosterone in patients with obstructive sleep apnea syndrome and resistant hypertension
	Gabriel de Souza Mares
	2. Systemic and penile microvascular endothelial function and blood pressure evaluation after use of
	sildenafil citrate in hypertensive patients with erectile dysfunction
	Valeria Verri
	3. Evaluation of endothelial function in resistant hypertensive patients
	Fabiana Braunstein Bassan
	4. Correlation between augmentation index values and peripheral blood pressure
	Mariana Gomes Lyra
	5. Oxygen desaturation in obstructive sleep apnea associated with arterial stiffness markers and
ROOM 2	subclinical atherosclerosis in elderly hypertensive patients
	Juliana Magalhães Duarte Matoso
	6. Effect of red grape juice supplementation on blood pressure in normotensive and physically active
	adults
	Rajane Carmelia Alves Clementino
	7. Pyramid training model reduces serum levels of nitric oxide metabolites in obese treated
	hypertensive elderly women and in non-hypertensive women
	Erick Henrique Pereira Eches
	8. Blood pressure, cardiac autonomic modulation and approximate entropy in overweight and obese
	young subjects
	Marilene Gonçalves Queiroz
	9. Highlights
	International Society of Hypertension (ISH) and SBH Joint Session I
	Young Investigators Oral session
	Area: Multiprofessional Approach - Moderators: Cláudia Forjaz (SP) e Márcia Regina Simas (RJ)
	1. Association of serum uric acid with adiposity, blood pressure, metabolic profile, and biomarkers of
	inflammation and oxidative stress
	Flávia Garcia Castro
	2. Combined exercise held in senior citizens fitness center of Rio de Janeiro (ATI-RJ) induces post-
	exercise hypotension in the elderly
	Ricardo Gonçalves Cordeiro
	3. Cardiovascular risk factors in pre-pubescent students in Angola
	Amílcar Bernardo Tomé Da Silva
	4. Endothelial function improvement after 6-month oral magnesium supplementation in hypertensive
	women
500140	Ana Rosa Cunha
ROOM 3	5. Mortality from stroke in Brazil in the last three decades: analysis of the age-period effect and birth
	cohort
	Juliano dos Santos
	6. Level of salt consumption, knowledge, attitudes and related behaviors in medical students at
	Agostinho Neto University, Angola
	Pedro Magalhães
	7. Pre-physical activity prevents changes in the balance of angiogenic and apoptotic factors caused by
	dexamethasone
	Isley de Jesus
	8. Combined physical training reduces inflammation and oxidative stress in menopausal hypertensive
	rats: role of cardiovascular autonomic modulation
	Guilherme Lemos Shimojo Ferreira
	9. Highlights
10:30 - 11:00	Refreshments and Exhibitions

11:00 - 12:30	THURSDAY, 13 AUGUST 2015
	Joint Session SBH - Brazilian Society of Cardiology
ROOM 1	Central Theme: Subclinical Cardiovascular Disease
	Moderadores: Andréa Brandão (RJ) e Mario Fritsch Neves (RJ)
	1. Increased carotid intima-media thickness
	Eduardo Barbosa (RS)
	2. Reduced ankle-brachial index
	Fernanda Consolim-Colombo (SP)
	3. Left ventricule hypertrophy and diastolic dysfunction
	Mario Fritsch Neves (RJ)
	4. Increased arterial stiffness
	Marco Antonio Mota Gomes (AL)
	5. Discussion
	Joint Session SPUL Providing Society of Nenhrology
	<u>Joint Session SBH - Brazilian Society of Nephrology</u> Central Theme: Prevention and Treatment of Chronic Kidney Disease
	Moderators: <i>Cibele Rodrigues (SP) e Roberto Franco (SP)</i>
	1. How to evaluate renal damage in hypertensive patients?
	Rachel Bregman (RJ)
	2. How to use thiazides and loop diuretics in chronic kidney disease?
ROOM 2	<i>Cibele Rodrigues (SP)</i>
	3. Are there beneficial effects of aldosterone antagonists to renal protection?
	Roberto Franco (SP)
	4. ble blockade of the renin-angiotensin system in chronic kidney disease: useful or harmful?
	Fernando Almeida (SP)
	5. Discussion
	Practical Recommendations
	Diferential nutritional approach to hypertensive subjects - what do we really need to recommend?
	Moderators: Ana Paula Menna Barreto (RJ) e Regina Helena Marques Pereira (SP)
	1. Salt substitutes
	Ana Rosa Cunha (RJ)
ROOM 3	2. Probiotics
	Ana Luísa Faller (RJ)
	3. Dietetic nitrate
	Jenifer d'El-Rei (RJ)
	4. Vitamine D supplements
	Márcia Regina Simas (RJ)
	5. Discussion
12:30 - 14:00	THURSDAY, 13 AUGUST 2015
	SATELITE SYMPOSIUM - PFIZER
	Apixaban for stroke prevention in non-valvar atrial fibrilation
ROOM 1	Discussing Clinical Situations
	José Francisco Kerr Saraiva
	Antônio Carlos Bacelar
ROOM 2	
	SATELITE SYMPOSIUM - UMAMI

14:00 - 15:30	THURSDAY, 13 AUGUST 2015
	Joint Session SBH - Portuguese Society of Hypertension
	Central Theme: Facts and Myths in Hypertension
	Moderators: Mario Fritsch Neves (SBH) e José Mesquita Bastos (SPH)
	1. Masked hypertension: how should be valued?
	Frida Plavnik (Brasil)
	2. Blood pressure variability: myth or reality?
ROOM 1	José Mesquita Bastos (Portugal)
	3. Central blood pressure: useful in clinical practice?
	Pedro Guimarães Cunha (Portugal)
	4. Association between diuretics and calcium antagonists: beneficial or harmful effects?
	Fernando Pinto (Portugal)
	5. Discussion
	WORKSHOP - Hypertension e Nervous System
	Moderators: Fernanda Consolim-Colombo (SP) e Osvaldo Kohlmann (SP)
	1. Revisiting sympathetic nervous system as mechanism of hyperteension
	Vera de Moura Azevedo Farah (SP)
	2. Influence of arterial stiffness and blood pressure variability on cognitive function
ROOM 2	Wellington Bruno Santos (RJ)
	3. Relationship between hypertension, multi-vascular dementia and Alzheimer disease
	Roberto Dischinger Miranda (SP)
	4. Secondary prevention of stroke
	Gil Fernando Salles (RJ)
	5. Discussion
	ROUND TABLE - Opposite effects of cardiovascular disease and aerobic training on neural control,
	oxidative stress and inflammation
	Moderators: Angelina Zanesco (SP) e Pedro Paulo da Silva Soares (RJ)
	1. Central regulation
	Lisete Michelini (SP)
	2. Autonomic regulation
ROOM 3	Hélio César Salgado (SP)
	3. Cardiac and skeletal muscle adaptations
	Patricia Chakur Brum (SP)
	4. MicroRNAs
	Edilamar Menezes de Oliveira (SP)
	5. Discussion
15:30 - 17:00	Refreshments and Exhibitions
15.30 - 17.00	Poster Presentations
17:00 - 18:00	THURSDAY, 13 AUGUST 2015
	PROS AND CONS SESSION I
	Lowering blood pressure, a drug-independent effect, is the most important in the treatment of
ROOM 1	hypertension?
	Moderator: Celso Amodeo (SP)
	PROS: Wille Oigman (RJ)
	CONS: <i>Décio Mion (SP)</i>
ROOM 2	
	PROS AND CONS SESSION II
	The metabolically healthy obese holds a lower cardiovascular risk than the obese with metabolic
ROOM 3	dysfunction?
	Moderator: Sérgio Kaiser (RJ)
	PROS: Heno Lopes (SP)
	CONS: Eliane Lopes Rosado (RJ)
	THURSDAY. 13 AUGUST 2015

18:00 - 18:30	OPENING CEREMONY
18:30 - 19:00	KEYNOTE LECTURE - Managing Hypertension: Past, Present and Future Prof Dr Rhian Touyz - President of the International Society of Hypertension

8:00 - 9:00	FRIDAY, 14 AUGUST 2015
	How-to Session I - Blood Pressure Measurements
ROOM 1	MODULE 2: Ambulatory Blood Pressure Monitoring
NOOM I	Moderators: Décio Mion (SP) e Fernando Nobre (SP)
	How-to Session II - Hypertension in Primary Care
	<u>Joint Action SBH - Brazilian Society of Family Medicine</u> MODULE 2: Moderators: Roberta Coelho (RJ) e Francisco Habermann (SP)
	1. How to do the minimum and specific additional assessment in hypertensive patients?
	Ronaldo A. O. Curi Gismondi (RJ)
ROOM 2	2. How to assess the global cardiovascular risk in hypertensive patients?
	Lucélia Magalhães (BA)
	3. How the hypertensive patients benefit from the network of primary health care?
	Michael Duncan (RJ)
	4. Discussion
	How-to Session III - Physical Activity and Blood Pressure
	MODULE 2 - Moderators: <i>Katia de Angelis (SP) e Sandra Lia do Amaral (SP)</i>
	1. Evaluation of hypertensive patients for exercise training
ROOM 3	Claudia Forjaz (SP)
NOOM 5	2. Nutritional considerations involved in hypertension and exercise
	Marcia Gowdak (SP)
	3. Discussion
9:00 - 10:30	FRIDAY, 14 AUGUST 2015
9:00 - 10:30	FRIDAY, 14 AUGUST 2015 MEETING THE SPECIALISTS
9:00 - 10:30	MEETING THE SPECIALISTS Hypertension in special situations
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	WORSHOP SBH - IASH
ROOM 3	Redação e submissão de artigo científico
	Moderadores: Ana T. Palei e Maria Claudia Irigoyen
	1. Writing a manuscript (30 min) - Dr Elizabeth Muxfeldt (Brazil)
	• What are the study aims
	• Stating the hypothesis to be tested
	How to write a methods section
	How to write a results section
	How to write an introduction
	How to write a discussion
	• How to report the bibliography
	• How to write an abstract
	Choosing a strong title
	2. Submitting and resubmitting a manuscript (25 min) - Dr Ernesto Schiffrin (Canada)
	How to choose a scientific journal
	• How is the process of submission
	How to write a response letter to the reviewers
	How is the process of resubmission
	3. The peer review process (25 min) - <i>Dr Curt Sigmund (USA)</i>
	What is the peer review process
	How works the peer review process
	How to critically analyze a manuscript
	What to report to the editor and to the authors
	4. Discussion (10 min)
10:30 - 11:00	Refreshments and Exhibitions
11:00 - 12:30	FRIDAY, 14 AUGUST 2015
	Joint Session SBH - Argentine Society of Hypertension and Latin-American Society of Hypertension
	Central Theme: Metabolic Syndrome
	Central Theme: Metabolic Syndrome Moderators: Mario Fritsch Neves (SBH), Fernando Filippini (SAHA)
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	 Central Theme: Metabolic Syndrome Moderators: Mario Fritsch Neves (SBH), Fernando Filippini (SAHA) 1. Metabolic evolution of humans: from the caves to the era of information technology Fernando Filippini (Argentina) 2. How to identify the insulin-resistant patient in clinical practice?
ROOM 1	 Central Theme: Metabolic Syndrome Moderators: Mario Fritsch Neves (SBH), Fernando Filippini (SAHA) 1. Metabolic evolution of humans: from the caves to the era of information technology Fernando Filippini (Argentina) 2. How to identify the insulin-resistant patient in clinical practice? Martin Salazar (Argentina)
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ROOM 1	Central Theme: Metabolic Syndrome Moderators: Mario Fritsch Neves (SBH), Fernando Filippini (SAHA) 1. Metabolic evolution of humans: from the caves to the era of information technology Fernando Filippini (Argentina) 2. How to identify the insulin-resistant patient in clinical practice? Martin Salazar (Argentina) 3. How to set the best criteria for metabolic syndrome? Eduardo Barbosa (Brasil) 4. Which are the best therapeutic combination in the treatment of metabolic syndrome? Osvaldo Kohlmann (Brasil) 5. Discussion ROUND TABLE - Resistant hypertension Moderator: Gil Fernando Salles (RJ)
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	ROUND TABLE - Endothelial function
	Moderadores: Antonio Claudio Lucas da Nóbrega (RJ) e Maria José Campagnole-Santos (MG)
	1. The role of PPAR gama activation for the vascular function
	Curt Sigmund (EUA)
	2. Effects of nutrients
	Regina Helena Marques Pereira (SP)
	3. Effects of exercise
	Angelina Zanesco (SP)
	4. Effects of cardiovascular drugs
	Eduardo Tibiriçá (RJ)
	5. Discussion
12:30 - 14:00	FRIDAY, 14 AUGUST 2015
	SATELITE SYMPOSIUM COCA-COLA
ROOM 1	Sodium intake: challenges in reducing consumption - Carlos Scherr and Raquel Botelho (Brazil)
	Moderator: Maria claudia Irigoyen (Brasil)
ROOM 2	
ROOM 3	NATIONAL HYPERTENSION LEAGUE MEETING
14.00 15.00	Francisco Habermann (SP)
14:00 - 15:00	FRIDAY, 14 AUGUST 2015 <u>SPECIAL TOPICS</u> - Early vascular aging (EVA) in hypertension
	Moderators: Mario Fritsch Neves (RJ) e Dulce Helena Casarini (SP)
	1. Vascular biology of ageing-implications in hypertension
	Rhian Touyz (United Kingdon)
	2. Genomic instability: a causal mechanism for vascular aging
ROOM 1	Anton J. M. Roks (The Netherlands)
NOOM 1	3. Arterial stiffness as a biomarker of early vascular aging
	Pedro Guimarães Cunha (Portugal)
	4. Discussion
	SPECIAL TOPICS - Secondary hypertension - clinical presentation and investigation
	Moderator: Andréa Brandão (RJ)
	1. Primary hyperaldosteronism
	Leonardo Vieira (RJ)
ROOM 2	2. Renovascular hypertension
	Celso Amodeo (SP)
	3. Pheochromocytoma
	José Fernando Vilela Martin (SP)
	4. Discussion
	<u>SPECIAL TOPICS</u> - Integrated treatment of hypertensive patients Moderators: Paulo César Jardim e Angela Pierin
	1. The most important nutritional recommendations
	Marcia Gowdak (SP)
	2. The main recommendations for exercise
ROOM 3	Walace Monteiro (RJ)
	3. Special attention to the psycho-emotional aspects
	Aline Sardinha (RJ)
	4. The role of the nurse before and after medical consultation
	Grazia Maria Guerra (SP)
15:00 - 16:30	Refreshments and Exhibitions
	Poster Presentations

	International Conference
	President: <i>Mario Fritsch Neves (SBH)</i>
16:30 - 17:00	State of the Art: Blood pressure lowering in diabetes and chronic kidney disease: goals and strategies
	Prof. Dr. Ernesto Schiffrin (McGill University - Canada)
17:00 - 18:00	FRIDAY, 14 AUGUST 2015
	CONTROVERSIES IN CLINICAL PRACTICE
	Reviewing anti-hypertensive classes
	Moderators: Wille Oigman (RJ) e Marcus Malachias (MG)
	1. Diuretics: differences between hydrochlorothiazide and clortalidone
	Osvaldo Kohlmann Jr (SP)
	2. Betablockers: several mechanisms in the same drug class
ROOM 1	Paulo César Jardim (GO)
	3. Dihydropyridine calcium channel blockers: characteristics of three generations
	Fernando Nobre (SP)
	4. ACE inhibitors and angiotensin receptor blockers: similarities and differences
	Andréa Brandão (RJ)
ROOM 2	
	ROUND TABLE - The future in nutritional care for cardiovascular diseases
	Moderators: Marcia Simas (RJ) e Marcia Gowdak (SP)
	1. Nutrigenomics - Personalized nutrition: the relationship between diet and genome
	Célia Cohen (RJ)
ROOM 3	2. Nutrigenetics - interaction between polimorfisms and nutritional approaches
	Eliane Rosado (RJ)
	3. Epigenetics - biomarkers, where are we?
	Mariana Sarto (RJ)
	4. Discussion
18:00 - 19:00	Meeting for SBH members

8:30 - 9:30	SATURDAY - 15 AUGUST 2015
ROOM 1	How-to Session I - Blood Pressure Measurements MODULE 3: Home Blood Pressure Measurement Marco Antonio Mota Gomes (AL)
ROOM 2	 How-to Session II - Hypertension in Primary Care Joint Action SBH - Brazilian Society of Family Medicine_ MODULE 3 - Moderators: José Marcio Ribeiro (MG) e Josiane Lima de Gusmão (SP) 1. Which is the role of each team member in the primary care of hypertensive patients? Angela Pierin (SP) 2. When suspecting secondary hypertension? Flavio Borelli (SP) 3. Which are the current treatment goals? José Marcio Ribeiro (MG)
ROOM 3	 How-to Session III - Physical Activity and Blood Pressure MÓDULE 3 - Moderators: <i>Katia de Angelis (SP) e Andreia Queiroz (MG)</i> 1. Exercise recommendations for hypertensives <i>Sandra Lia do Amaral (SP)</i> 2. Exercise compliance <i>Luciana Angelo (SP)</i> 3. Discussion

9:30 - 10:30	SATURDAY, 15 AUGUST 2015
ROOM 1	 <u>WORKSHOP</u> - Hypertension in women Moderators: <i>Ivan Cordovil (RJ) e Frida Plavnik (SP)</i> 1. Metabolic syndrome associated to polycystic ovary syndrome <i>Hugo Miyahira (RJ)</i> 2. Cardiovascular autonomic dysfunction in primary ovarian insufficiency <i>Katia de Angelis (SP)</i> 3. Pathophysiological mechanisms in pre-eclampsia <i>Carlos Eduardo Poli de Figueiredo (RS)</i> 4. Discussion
ROOM 2	 <u>ROUND TABLE</u> - <i>Cardiovascular Risk</i> Moderators: <i>Fernanda Consolim-Colombo (SP) e Luiz César Nazário Scala (MT)</i> 1. Cardiovascular risk factors in Brazil and Latin America <i>Sandra Fuchs (RS)</i> 2. Chronic kidney disease as cardiovascular risk factor <i>Giovanio Vieira da Silva (SP)</i> 3. New biomarkers of cardiovascular risk <i>Thiago de Souza Veiga Jardim (GO)</i> 4. Discussion
ROOM 3	 <u>ROUND TABLE</u> - Nursing's contribution to the control of hypertension Moderators: Angela Maria Geraldo Pierin (SP) e Grazia Maria Guerra (SP) 1. The use of educational technologies for patients and for developing health professionals in the area of hypertension Grazia Maria Guerra (SP) 2. The measurement of blood pressure by nurse attenuate the white coat phenomena? Josiane Lima de Gusmão (SP) 3. Compliance to anti-hypertensive treatment: role of the nurse Angela Maria Geraldo Pierin (SP) 4. Discussion
10:30 - 11:00	Refreshments and Exhibitions
11:00 - 12:30	SATURDAY, 15 AUGUST 2015
ROOM 1	 <u>Case-based Learning</u> Hypertensive urgencies and emergencies Moderators: <i>Gil Fernando Salles (RJ) e José Fernando Vilela Martin (SP)</i> 1. Hypertensive crisis in asymptomatic outpatient and in preoperative setting <i>Luiz César Nazário Scala (MT)</i> 2. Marked elevation of blood pressure in patients with acute stroke <i>José Fernando Vilela Martin (SP)</i> 3. Marked elevation of blood pressure in patients with acute coronary syndrome <i>Thiago de Souza Veiga Jardim (GO)</i> 4. Clinical manifestation and treatment of pre-eclampsia and eclampsia <i>Carlos Eduardo Poli de Figueiredo (RS)</i> 5. Discussion

ROOM 2	 World Hypertension League 11:00-11:15 - Blood pressure screening and measurement around the world Marcelo Orias (WHL) 11:15-11:30 - Programa da WHL de medida da pressão arterial no Brasil Luiz Bortolotto (SP) 11:30 - 12:30 WORKSHOP - Controversies in Hypertension Guidelines Moderators: Fernando Almeida (SP) e Roberto Franco (SP) 1. 2013 ESC/ESH Guideline Luiz Bortolotto (SP) 2. 2014 JNC-8 Flávio Fuchs (RS) 3. What should change in the next Brazilian guidelines?
ROOM 3	 <u>ROUND TABLE - EXERCISE</u> Current perspectives about exercise in hypertension Moderators: <i>Andreia Queiroz (MG) e Patrícia Brum (SP)</i> 1. Hyper-reactive response to exercise: mechanisms and implications <i>Antônio Claudio Nobrega (RJ)</i> 2. Exercise protocols: influence on post-exercise hypotension <i>Paulo Farinatti (RJ)</i> 3. Mechanisms of post-exercise hypotension <i>Claudia Forjaz (SP)</i> 4. Aerobic training and cardiovascular reflex control <i>Pedro Paulo da Silva Soares (RJ)</i> 5. Discussion
12:30 - 13:00 ROOM 1	AWARDS 1. International Society of Hypertension for ORAL presentations 2. AMIL - ANTONIO FELIPE SANJULIANI for POSTER presentations CLOSING CEREMONY