

Invasive validation of a new oscillometric device (Arteri
augmentation index, central blood pressure and aortic p

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evaluating aortic stiffness through an arm cuff oscillometric device: is validation against invasive measurements enough?. <i>Journal of Hypertension</i> , 2010, 28, 2003-2006.	0.3	27
2	Pulse wave analysis and pulse wave velocity techniques: are they ready for the clinic?. <i>Hypertension Research</i> , 2011, 34, 166-169.	1.5	28
3	Comparison of two techniques for measuring pulse wave velocity and central blood pressure. <i>Artery Research</i> , 2011, 5, 97.	0.3	2
4	Validation of the Arteriograph working principle: questions still remain. <i>Journal of Hypertension</i> , 2011, 29, 620.	0.3	3
5	Validation of the Arteriograph working principle: questions still remain. <i>Journal of Hypertension</i> , 2011, 29, 619.	0.3	9
6	Validation of the arteriograph working principle. <i>Journal of Hypertension</i> , 2011, 29, 1662-1663.	0.3	3
7	Hypertrophic Cardiomyopathy Is Associated with Abnormal Echocardiographic Aortic Elastic Properties and Arteriograph-Derived Pulse-Wave Velocity. <i>Echocardiography</i> , 2011, 28, 848-852.	0.3	12
8	Numerical assessment of time-domain methods for the estimation of local arterial pulse wave speed. <i>Journal of Biomechanics</i> , 2011, 44, 885-891.	0.9	55
9	Association of Increased Arterial Wave Reflections With Decline in Renal Function in Chronic Kidney Disease Stages 3 and 4. <i>American Journal of Hypertension</i> , 2011, 24, 762-769.	1.0	23
10	Ethnic Differences in Aortic Pulse Wave Velocity Occur in the Descending Aorta and May Be Related to Vitamin D. <i>Hypertension</i> , 2011, 58, 247-253.	1.3	44
11	Measurement of arterial stiffness and wave reflections: does body position matter?. <i>Hypertension Research</i> , 2011, 34, 164-165.	1.5	0
12	Calibration mode influences central blood pressure differences between SphygmoCor and two newer devices, the Arteriograph and Omron HEM-9000. <i>Hypertension Research</i> , 2011, 34, 1046-1051.	1.5	36
13	Validity and reliability of central blood pressure estimated by upper arm oscillometric cuff pressure. <i>American Journal of Hypertension</i> , 2012, 25, 414-420.	1.0	49
14	Arterial stiffness is increased in families with premature coronary artery disease. <i>Heart</i> , 2012, 98, 490-494.	1.2	22
15	THE INFLUENCES OF CARDIOVASCULAR PROPERTIES ON SUPRASYSTOLIC BRACHIAL CUFF WAVE STUDIED BY A SIMPLE ARTERIAL-TREE MODEL. <i>Journal of Mechanics in Medicine and Biology</i> , 2012, 12, 1250040.	0.3	6
16	Validated methods for assessment of subclinical atherosclerosis in rheumatology. <i>Nature Reviews Rheumatology</i> , 2012, 8, 224-234.	3.5	118
17	Assessments of Arterial Stiffness and Endothelial Function Using Pulse Wave Analysis. <i>International Journal of Vascular Medicine</i> , 2012, 2012, 1-9.	0.4	76
18	Maternal Hemodynamics at 11-13 Weeks of Gestation in Pregnancies Delivering Small for Gestational Age Neonates. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 231-238.	0.6	25

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19	Clinical Assessment of Central Blood Pressure. <i>Current Hypertension Reviews</i> , 2012, 8, 80-90.	0.5	68
20	A complex pattern of agreement between oscillometric and tonometric measurement of arterial stiffness in a population-based sample. <i>Journal of Hypertension</i> , 2012, 30, 1444-1452.	0.3	9
21	Determination of central blood pressure by a noninvasive method (brachial BP and QKD interval). <i>Journal of Hypertension</i> , 2012, 30, 1533-1539.	0.3	18
22	Heritability of central blood pressure and arterial stiffness. <i>Journal of Hypertension</i> , 2012, 30, 1564-1571.	0.3	47
23	Reference values of aortic pulse wave velocity in a large healthy population aged between 3 and 18 years. <i>Journal of Hypertension</i> , 2012, 30, 2314-2321.	0.3	86
24	Heritability of arterial stiffness and central blood pressure. <i>Journal of Hypertension</i> , 2012, 30, 1511-1513.	0.3	9
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27	Evaluaci3n no invasiva de la funci3n endotelial en la pr3ctica cl3nica. <i>Revista Espanola De Cardiologia</i> , 2012, 65, 80-90.	0.6	54
28	Heritability of nonalcoholic fatty liver disease and association with abnormal vascular parameters: A twin study. <i>Liver International</i> , 2012, 32, 1287-1293.	1.9	47
29	Maternal Hemodynamics in Normal Pregnancies at 11-13 Weeks' Gestation. <i>Fetal Diagnosis and Therapy</i> , 2012, 32, 179-185.	0.6	19
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33	Maternal hemodynamics at 11-13 weeks' gestation and risk of pre-eclampsia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 40, 28-34.	0.9	76
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37	Noninvasive Perioperative Monitoring of Arterial Function in Patients With Kidney Transplantation. <i>Transplantation Proceedings</i> , 2013, 45, 3682-3684.	0.3	9
38	A computational model of the cardiovascular system coupled with an upper-arm oscillometric cuff and its application to studying the suprasystolic cuff oscillation wave, concerning its value in assessing arterial stiffness. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 141-157.	0.9	20

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40	Arterial stiffness, carotid atherosclerosis and left ventricular diastolic dysfunction in postmenopausal women. <i>European Journal of Internal Medicine</i> , 2013, 24, 250-254.	1.0	12
41	Genetic and environmental factors on the relation of lung function and arterial stiffness. <i>Respiratory Medicine</i> , 2013, 107, 927-935.	1.3	17
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43	Bone metabolism regulators and arterial stiffness in postmenopausal women. <i>Maturitas</i> , 2013, 76, 146-150.	1.0	16
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47	Arterial Stiffness and Pulse Wave Reflection in Young Adult Heterozygous Sickle Cell Carriers. <i>Turkish Journal of Haematology</i> , 2013, 30, 379-386.	0.2	6
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49	Relationship Between Augmentation Index and Left Ventricular Diastolic Function in Healthy Women and Men. <i>American Journal of Hypertension</i> , 2013, 26, 1280-1286.	1.0	19
50	Assessment of arterial stiffness using applanation tonometry. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 999-1008.	0.7	22
51	Reference values of aortic pulse wave velocity in a large healthy population aged between 3 and 18 years. <i>Journal of Hypertension</i> , 2013, 31, 425-426.	0.3	0
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87	Influential factors for pressure pulse waveform in healthy young adults. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S497-S505.	0.4	2
88	Athletic Differences in the Characteristics of the Photoplethysmographic Pulse Shape: Effect of Maximal Oxygen Uptake and Maximal Muscular Voluntary Contraction. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	12
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101	White matter structure alterations in HIV-1-infected men with sustained suppression of viraemia on treatment. <i>Aids</i> , 2016, 30, 311-322.	1.0	52
102	Zofenopril or irbesartan plus hydrochlorothiazide in elderly patients with isolated systolic hypertension untreated or uncontrolled by previous treatment. <i>Journal of Hypertension</i> , 2016, 34, 567-587.	0.3	10
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107	Arterial stiffness & Sri Lankan chronic kidney disease of unknown origin. <i>Scientific Reports</i> , 2016, 6, 32599.	1.6	6
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110	Parathyroidectomy in asymptomatic primary hyperparathyroidism reduces carotid intima-media thickness and arterial stiffness. <i>Clinical Endocrinology</i> , 2016, 84, 39-47.	1.2	32
111	Ethnic Differences in and Childhood Influences on Early Adult Pulse Wave Velocity. <i>Hypertension</i> , 2016, 67, 1133-1141.	1.3	35

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117	A novel variant in MYLK causes thoracic aortic dissections: genotypic and phenotypic description. <i>BMC Medical Genetics</i> , 2016, 17, 61.	2.1	27
118	Arterial stiffness in hypertensive and type 2 diabetes patients in Ghana: comparison of the cardio-ankle vascular index and central aortic techniques. <i>BMC Endocrine Disorders</i> , 2016, 16, 53.	0.9	14
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121	From Korotkoff and Marey to automatic non-invasive oscillometric blood pressure measurement: does easiness come with reliability?. <i>Expert Review of Medical Devices</i> , 2016, 13, 179-189.	1.4	28
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128	Impact of Antihypertensive Agents on Central Systolic Blood Pressure and Augmentation Index: A Meta-Analysis. <i>American Journal of Hypertension</i> , 2016, 29, 448-457.	1.0	37
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131	Invasive validation of a novel brachial cuff-based oscillometric device (SphygmoCor XCEL) for measuring central blood pressure. Journal of Hypertension, 2017, 35, 69-75.	0.3	50
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147	Central Systolic Hypertension in Patients with Well-Controlled Hypertension. BioMed Research International, 2017, 2017, 1-10.	0.9	7

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149	Relation of blood pressure and organ damage. <i>Journal of Hypertension</i> , 2018, 36, 1276-1283.	0.3	5
150	Effects of 3-months sitting callisthenic balance and resistance exercise on aerobic capacity, aortic stiffness and body composition in healthy older participants. <i>Randomized Controlled Trial. Experimental Gerontology</i> , 2018, 108, 125-130.	1.2	7
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152	Blood Pressure and Arterial Stiffness in Kenyan Adolescents With the Sickle Cell Trait. <i>American Journal of Epidemiology</i> , 2018, 187, 199-205.	1.6	14
153	Long-Term Improvement in Aortic Pulse Wave Velocity After Weight Loss Can Be Predicted by White Adipose Tissue Factors. <i>American Journal of Hypertension</i> , 2018, 31, 450-457.	1.0	12
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156	Pulse Wave Velocity: Retrospective Analysis in a Balkan Normotensive and Hypertensive Population: A Study of 9923 Patients. <i>Angiology</i> , 2018, 69, 59-64.	0.8	4
157	The usefulness of a single arm cuff oscillometric method (Arteriograph) to assess changes in central aortic blood pressure and arterial stiffness by antihypertensive treatment: results from the Doxazosin-Ramipril Study. <i>Blood Pressure</i> , 2018, 27, 88-98.	0.7	9
158	Validation of Central and Peripheral Non-Invasive Hemodynamic Variables Using an Oscillometric Method. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2018, 25, 65-77.	1.0	8
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