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## **WASE STUDY REPORTS FINDINGS RELATED TO RIGHT ATRIAL SIZE BETWEEN NON-ASIAN AND ASIAN SUBJECTS**

Durham, NC, August 8, 2020 – The World Alliance of Societies of Echocardiography (WASE) Normal Values Study is a cross-sectional study designed to obtain universal global reference ranges for both 2D and 3D echocardiographic (2DE, 3DE) data to identify geographical differences in echocardiographic measurements. Launched in 2016, the WASE study prospectively enrolled healthy individuals free from cardiac, lung, and kidney disease from 19 centers in 15 countries.

A new research study, using the data collected in the WASE study, examined the 2DE images and 3DE full-volume datasets obtained in a total of 1026 adults (351 non-Asian and 675 Asian), analyzed offline in two Core Labs. First author on the research, Laurie Soulat-Dufour, said of the findings, "Currently there is a paucity of data on 2D and 3D right atrial dimensions in the literature. Our results suggest that normal reference values for 2D and 3D end-systolic right atrial volumes are not universal and that population specific normal values should be established for different geographic groups."

Additional authors on this research study, "*Are There Geographic Differences in 2D/3D Right Atrial Size? Results of the World Alliance of Societies of Echocardiography (WASE) Normal Values Study*" include Karima Addetia and Roberto M. Lang, University of Chicago, Chicago, IL; Marcus Schreckenber and Michael Blankenhagen, TOMTEC Imaging Systems GmbH, Unterschleissheim, Germany; Vivekanandan Amuthan, Jeyalakshmi Heart Center, Madurai, India; Rodolfo Citro, University of Salerno, Salerno, Italy; Masao Daimon, University of Tokyo, Tokyo, Japan; Pedro Gutiérrez-Fajardo, Hospitales Mac Bernardette, Guadalajara, Mexico; Ravi Kasliwal, Medanta Heart Institute, Gurgaon, India; James N. Kirkpatrick, University of Washington, Seattle, WA; Mark J. Monaghan, King's College Hospital, London, United Kingdom; Denisa Muraru, University of Padova, Padova, Italy; Kofo O. Ogunyankin, First Cardiology Consultants Hospital, Lagos, Nigeria; Seung Woo Park, Samsung Medical Center, Seoul, Republic of Korea; Ana Clara Tude Rodrigues, Albert Einstein Hospital, Sao Paulo, Brazil; Ricardo Ronderos, Universidad Nacional de la Plata, Buenos Aires, Argentina; Anita Sadeghpour, Rajaie Cardiovascular Medical and Research Center, Tehran, Islamic Republic of Iran; Gregory Scalia, Genesis Care, Brisbane, Austria; Masaaki Takeuchi, University of Occupational and Environmental Health, Kitakyushu, Japan; Wendy Tsang, Toronto General Hospital, University of Toronto, Toronto, ON, Canada; Edwin S. Tucay, Philippine Heart Center, Quezon City, Philippines; Mei Zhang, Qilu Hospital of Shandong University, Jinan, China; and Tatsuya Miyoshi and Federico M. Asch, MedStar Health Research Institute, Washington, DC. The poster will be presented as a part of the ASE 2020 Virtual Experience online, August 8-10, 2020.

Two additional posters are also being presented on the results of the WASE research study. In the first poster, researchers sought to define normal values for phasic left atrium (LA) function stratified by age groups, and found there were alterations in LA phasic function among older aged individuals. The results

are presented in the poster titled, “*The Evolving Relationship of Age and 3D Left Atrial Phasic Function Using Data from a Subset of the World Alliance of Societies of Echocardiography (WASE) Study.*”

In the second poster titled “*Impact of Age on Right Atrial Function: Results of the World Alliance of Societies of Echocardiography (WASE) Normal Values Study,*” researchers evaluated the age dependency of right atrial (RA) function, and the results suggest that RA function does vary significantly with age.

The WASE Normal Values Study was funded by the American Society of Echocardiography Foundation and its donors, and with generous in-kind support from MedStar Health, University of Chicago, TOMTEC Imaging Systems, and Medidata.

To schedule an interview with Ms. Soulat-Dufour, please contact [Angie Porter](#).

### **About ASE**

*ASE is the Society for Cardiovascular Ultrasound Professionals™. Over 17,000 physicians, sonographers, nurses, veterinarians, and scientists are members of ASE, making it the largest global organization for cardiovascular ultrasound imaging and as such the leader and advocate, setting practice standards and guidelines for the field. The Society is committed to advancing cardiovascular ultrasound to improve lives. For more information about ASE, visit: [ASEcho.org](http://ASEcho.org) and follow us [@ASE360](https://twitter.com/ASE360). For more information about the ASE 2020 Virtual Experience visit: [ASEScientificSessions.org](http://ASEScientificSessions.org). All ASE 2020 abstracts can be viewed online [here](#).*

### **About ASE Foundation**

*The American Society of Echocardiography Foundation (ASE Foundation) is ASE's charitable arm, helping to assure the viability and visibility of cardiovascular ultrasound. The ASE Foundation was created to provide support for initiatives, such as training scholarships and scientific research, not supported by membership dues. For more information on the WASE study visit: [ASEFoundation.org/WASE](http://ASEFoundation.org/WASE) or the ASE Foundation visit: [ASEFoundation.org](http://ASEFoundation.org).*

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