

Materials List for

Assessing Intracardiac Vortices with High Frame-Rate Echocardiography-Derived Blood Speckle Imaging in Newborns

Edward Crendal¹, Koert De Waal², Damien Vitiello³

¹John Hunter Hospital, Department of Cardiology, University of Newcastle ²John Hunter Children's Hospital, Department of Neonatology, University of Newcastle ³Institute of Sport and Health Sciences of Paris (IS3P - URP 3625), Université Paris Cité

Corresponding Author

Edward Crendal
edwardcrendal@gmail.com

Citation

Crendal, E., De Waal, K., Vitiello, D. Assessing Intracardiac Vortices with High Frame-Rate Echocardiography-Derived Blood Speckle Imaging in Newborns. *J. Vis. Exp.* (2023), e65189, doi:10.3791/65189 (2023).

Date Published

December 22, 2023

DOI

10.3791/65189

URL

jove.com/video/65189

Materials

Name	Company	Catalog Number	Comments
Tomtec Imaging Systems GmbH	Phillips	GmbH Corporation	Offline ultrasound image processing tool, used for calculating all vortex measurements
Vivid E95	General Electrics	NA	Cardiac Ultrasound device used to capture Echocardiography-derived Blood Speckle Imaging