## Performance of a Complete Cardiac Ultrasound using a novel Autonomous Robotic Quantitative Ultrasound System (ARQUS) Screening Questionnaire

Principal investigator: Dr. Wen-Fang Xie, Department of Mechanical, Industrial and Aerospace Engineering, Concordia University

Co-investigator: Dr. Lyes Kadem, Department of Mechanical, Industrial and Aerospace Engineering, Concordia University Dr. Jamal Betahar, Institute for Information Systems Engineering, Concordia University Ehsan Zakeri, Ph.D. student, Department of Mechanical, Industrial and Aerospace Engineering, Concordia University Amanda Spilkin, Ph.D. student, Department of Mechanical, Industrial and Aerospace Engineering, Concordia University Hanae Elmekki, M.Sc. student, Institute for Information Systems Engineering, Concordia University

Partici	pant Information					
Name: _						
DoB: _						
1.	I am over 18 years of age.  ☐ Yes ☐ No					
2.	I agree to voluntarily participate in this study and understand that there is no financial compensation or incentive for my participation.  □ Yes, I agree □ No, I do not agree					
3.	I am aware that my data will be used in an anonymous manner in publications, conferences, theses, and presentations.  ☐ Yes ☐ No					
4.	I am aware that my data will be used in an anon ☐ Yes ☐ No	ymous manner towards an o	online, open-sou	urce cardiac e	echography library.	
5.	Have you been diagnosed or suffered from any of the following health condition(s):					
	Condition		Response			
	Abnormal heart rhythms or arrhyt	hmias	☐ Yes	□No		
	Congenital heart disease		☐ Yes	□No		
	Coronary artery disease (narrowin	g of the arteries)	☐ Yes	□No		
	Deep vein thrombosis and pulmons	ary embolism	☐ Yes	□No		
	Heart attack		☐ Yes	□No		
	Cardiomyopathy		☐ Yes	□No		
	Vascular Disease		☐ Yes	□No		
	Valvular Regurgitation		☐ Yes	□No		
	Other:					
6. 7.	Have you undergone cardiac surgery and/or hav ☐ Yes ☐ No  Do you have a family doctor					

☐ Yes

□ No

	(name)
	(phone number)
to the assigned physician and/or your family	ve the permission to Principal Investigator to communicate and transfer your data y doctor? o not give permission
Participant	
(participant's signature)	_
(date of agreement)	_
(location of agreement)	-
Researcher	
(researcher's signature)	_
(date of agreement)	-
(location of agreement)	-