



Maryam Alsharqi

Assistant Professor

Personal Data

Nationality | Saudi

Department | Cardiac Technology Department

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Language Proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Fluent	Fluent	Fluent

Academic Qualifications

Date	Academic Degree	Place of Issue	Address
2022	DPhil in Medical Sciences – Cardiovascular Medicine	University of Oxford	Oxford, United Kingdom
2017	MSc in Medical Ultrasound - Echocardiography	Imperial College London	London, United Kingdom
2014	BSc in Cardiac Technology - Echocardiography	Imam Abdulrahman Bin Faisal University	Dammam, Saudi Arabia

PhD, Master or Fellowship Research Title:

PhD	Identification of pre-clinical cardiovascular imaging phenotypes related to blood pressure in young adults
Master	Left ventricular twist mechanics in hypertensive patients with preserved left ventricular ejection fraction and its relation to left atrial function

Professional Record:

Job Rank	Place and Address of Work	Date
Assistant Professor	Cardiac Technology Department, College of Applied Medical Sciences, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia	July 2022 to date



Research Visitor	Division of Cardiovascular Medicine, Radcliffe Department of Medicine, University of Oxford, Oxford, United Kingdom	June 2022 to date
Lecturer	Cardiac Technology Department, College of Applied Medical Sciences, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia	2017 – 2022
Clinical Research Fellow	Clinical Cardiovascular Research Facility, John Radcliffe Hospital, Division of Cardiovascular Medicine, Radcliffe Department of Medicine, University of Oxford, Oxford, United Kingdom	2018 – 2021
Echocardiography Physiologist	John Radcliffe Hospital, Division of Cardiovascular Medicine, Radcliffe Department of Medicine, University of Oxford, Oxford, United Kingdom	2018 – 2021
Clinical Research Fellow	Hammersmith Hospital, National Heart and Lung Institute, Faculty of Medicine, Imperial College London, London, United Kingdom	2016 – 2019
Demonstrator	Cardiac Technology Department, College of Applied Medical Sciences, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia	2015 – 2017
Instructor	American Heart Association (AHA) Basic Life Support (BLS), King Fahad Specialist Hospital – Dammam, AHA training Centre, Dammam, Saudi Arabia	2015 – 2019
Echocardiography Physiologist	Saud Al Babtain Cardiac Centre (SBCC), Dammam, Saudi Arabia	2015
Intern	King Fahad University Hospital, Dammam, Saudi Arabia King Fahad Military Medical Complex, Dammam, Saudi Arabia	2013 – 2014

Scientific Achievements

Published Refereed Scientific Research

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Maryam Alsharqi , Vijay A Ismavel, Linda Arnold, Saswati S Choudhury, Carolin Solomi V, Sereesha Rao, Tina Nath, Anjali Rani, Isha Goel, Swapna D Kakoty, Pranabika Mahanta, Indrani Roy, Rupanjali Deka, Charles Opondo, Colin Baigent, Paul Leeson, Manisha Nair, MaathRI collaboration	Focused cardiac ultrasound to guide the diagnosis of heart failure in pregnant women in India	Journal of the American Society of Echocardiography, 2022
2	Wilby Williamson, Adam James Lewandowski, Odaro John Huckstep, Winok Lapidaire, Alexander Ooms, Cheryl Tan, Afifah Mohamed, Maryam Alsharqi , Mariane Bertagnolli, William Woodward,	Effect of moderate to high intensity aerobic exercise on blood pressure in young adults: The TEPHRA open, two-	eClinicalMedicine, 2022



	Cameron Dockerill, Annabelle McCourt, Yvonne Kenworthy, Holger Burchert, Aiden Doherty, Julia Newton, Henner Hanssen, John Kennedy Cruickshank, Richard McManus, Jane Holmes Chen Ji, Sharon Love, Elena Frangou, Colin Everett, Melvyn Hillsdon, Helen Dawes, Charlie Foster, Paul Leeson	arm, parallel superiority randomized clinical trial	
3	Ross Upton, Angela Mumith, Arian Beqiri, Andrew Parker, William Hawkes, Shan Gao, Mihaela Porumb, Rizwan Sarwar, Patricia Marques, Deborah Markham, Jake Kenworthy, Jamie M. O'Driscoll, Neelam Hassanali, Kate Groves, Cameron Dockerill, William Woodward, Maryam Alsharqi , Annabelle McCourt, Edmund H. Wilkes, Stephen B. Heitner, Mrinal Yadava, David Stojanovski, Pablo Lamata, Gary Woodward, and Paul Leeson	Automated Echocardiographic Detection of Severe Coronary Artery Disease Using Artificial Intelligence	Journal of American College of Cardiology, Cardiovascular Imaging, 2022
4	Maryam Alsharqi , Odaro J Huckstep, Winok Lapidaire, Wilby Williamson, Afifah Mohamed, Cheryl M J Tan, Jamie Kitt, Holger Burchert, Fernando Telles, Helen Dawes, Charlie Foster, Adam J Lewandowski, Paul Leeson	Left atrial strain predicts cardiovascular response to exercise in young adults with suboptimal blood pressure	Echocardiography, 2021
5	Cheryl M J Tan, Adam J Lewandowski, Wilby Williamson, Odaro J Huckstep, Grace Z Yu, Roman Fischer, Jillian N Simon, Maryam Alsharqi , Afifah Mohamed, Paul Leeson, Mariane Bertagnolli	Proteomic Signature of Dysfunctional Circulating Endothelial Colony-Forming Cells of Young Adults	Journal of American Heart Association, 2021
6	Afifah Mohamed, Pablo Lamata, Wilby Williamson, Maryam Alsharqi , Cheryl M J Tan, Holger Burchert, Odaro J Huckstep, Katie Suriano, Jane M Francis, Joana Leal Pelado, Cristiana Monteiro, Stefan Neubauer, Philip T Levy, Paul Leeson, Adam J Lewandowski	Multimodality Imaging Demonstrates Reduced Right-Ventricular Function Independent of Pulmonary Physiology in Moderately Preterm-Born Adults	Journal of American College of Cardiology, Cardiovascular Imaging, 2020
7	Lamia Al Saikhan, Alun D Hughes, Wing-See Chung, Maryam Alsharqi , Petros Nihoyannopoulos	Left atrial function in heart failure with mid-range ejection fraction differs from that of heart failure with preserved ejection fraction: a 2D speckle-tracking echocardiographic study	European Heart Journal – Cardiovascular Imaging, 2019
8	Wilby Williamson, Odaro J. Huckstep, Eleni Frangou, Afifah Mohamed, Cheryl	Trial of Exercise to Prevent Hypertension in	BMC Cardiovascular Disorders, 2018



	Tan, Maryam Alsharqi , Mariane Bertagnolli, Winok Lapidaire, Julia Newton, Henner Hanssen, Richard McManus, Helen Dawes, Charlie Foster, Adam J. Lewandowski & Paul Leeson	young Adults (TEPHRA) a randomized controlled trial: study protocol	
9	Maryam Alsharqi , William Woodward, Angela Mumith, Deborah Markham, Ross Upton, Paul Leeson	Artificial intelligence and echocardiography	Echo Research & Practice, 2018
10	Maryam Alsharqi , Ross Upton, Angela Mumith, Paul Leeson	Artificial intelligence: a new clinical support tool for stress echocardiography	Expert Review of Medical Devices, 2018
11	Ayman Azoz, Adel Youssef, Abdullah Alshehri, Ahmed Gad, Mostafa Rashed, Mohamed Yahia, Maryam Alsharqi , Lamia Al Saikhan	Correlation between ST segment shift and cardiac diastolic function in patients with acute myocardial infarction	Journal of Electrocadiology, 2018

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Advanced Adult Echocardiography I	CTECH 413	30% of 5 units/week (3 units lectures and 2 units lab)
2	Electrocardiogram II	CTECH 411	100% of 5 units/week (3 units lectures and 2 units lab)
3	Electrocardiogram I	CTECH 313	30% of 5 units/week (3 units lectures and 2 units lab)

Last Update

6/9/2022