

# Masterclass series

## Relevance and identification of Congestion in Heart Failure

Sponsored by Heart Research UK

**Date:** Friday 17th June 2022

**Venue:** Golden Jubilee Conference Hotel,  
Beardmore Street, Clydebank, Glasgow, G81 4SA

**Course Director:** Pierpaolo Pellicori - Senior Clinical Research Fellow, University of Glasgow, Scotland

**Faculty:** Dr. Giuseppe Bozzetti - Consultant in Cardiothoracic Anaesthesia and Intensive Care Medicine, Golden Jubilee National Hospital, Glasgow, Scotland

Dr. Ross Campbell - Consultant Cardiologist, NHS  
Greater Glasgow and Clyde, Glasgow, Scotland

Prof John Cleland - Professor of Cardiology, University of Glasgow, Scotland

Dr. Jeroen Dauw - PhD fellow at Ziekenhuis  
Oost-Limburg & Hasselt University, Genk, Belgium

Dr. Luna Gargani - Consultant Cardiologist and Senior  
Researcher at the University of Pisa, Italy

Prof Nicolas Girerd - Consultant Cardiologist, Clinical  
Investigation Centre of Nancy, France

Dr. Matthew Lee - Clinical Lecturer in Cardiology, University of Glasgow, Scotland

Dr. Piotr Sonecki - Consultant Cardiologist, NHS Greater  
Glasgow and Clyde, Glasgow, Scotland

This course is offered by a national charity, Heart Research UK, to healthcare professionals with an interest in heart failure and experience in cardiovascular ultrasound, and places are limited. The course is free of charge.

## Programme

Thursday 16th June 2022	
13:30 – 17:00	Setting up the training centre (FACULTY ONLY)
19.30	Faculty and Delegates Dinner – Venue TBC

Friday 17th June 2022	
09:00	Welcome
09:10	Introductions of Speakers/Faculty
09:20	The conceptual basis for a Universal definition of heart failure: congestion due to cardiac dysfunction – John Cleland
09.40	How to detect congestion: Clinical signs – Nicolas Girerd
10:00	How to detect congestion: Echocardiography – Piotr Sonecki
10:20	How to detect congestion: MRI and other tools – Matthew Lee
10:40	Coffee Break
11:00	Congestion by Ultrasound: Jugular Vein and Inferior Vena Cava diameter – Pierpaolo Pellicori
11:20	Congestion by Ultrasound: B-lines – Luna Gargani
11:40	Congestion by Ultrasound: Renal Venous Flow - Jeroen Dauw
12:00	Congestion and fluid responsiveness in intensive care – Giuseppe Bozzetti
12:20	How to treat congestion – Ross Campbell
12:40	Lunch Break
13:30	Hands on session - how to evaluate congestion by ultrasound (Luna Gargani, Nicolas Girerd, Jeroen Dauw, Matthew Lee, Pierpaolo Pellicori)
17:00	End of the day

### Suggested reading prior to course:

1. Pellicori P, Platz E, Dauw J, Ter Maaten JM, Martens P, Pivetta E, Cleland JGF, McMurray JJV, Mullens W, Solomon SD, Zannad F, Gargani L, Girerd N. Ultrasound imaging of congestion in heart failure: examinations beyond the heart. *Eur J Heart Fail.* 2021 May;23(5):703-712.
2. Pellicori P, Kallvikbacka-Bennett A, Zhang J, Khaleva O, Warden J, Clark AL, Cleland JG. Revisiting a classical clinical sign: jugular venous ultrasound. *Int J Cardiol.* 2014 Jan 1;170(3):364-70.
3. Pellicori P, Carubelli V, Zhang J, Castiello T, Sherwi N, Clark AL, Cleland JG. IVC diameter in patients with chronic heart failure: relationships and prognostic significance. *JACC Cardiovasc Imaging.* 2013 Jan;6(1):16-28.
4. Gargani L. Lung ultrasound: a new tool for the cardiologist. *Cardiovasc Ultrasound.* 2011 Feb 27;9:6.

5. Nijst P, Martens P, Dupont M, Tang WHW, Mullens W. Intrarenal Flow Alterations During Transition From Euvolemia to Intravascular Volume Expansion in Heart Failure Patients. *JACC Heart Fail.* 2017 Sep;5(9):672-681.
6. Cleland JGF, Pfeffer MA, Clark AL, Januzzi JL, McMurray JJV, Mueller C, Pellicori P, Richards M, Teerlink JR, Zannad F, Bauersachs J. The struggle towards a Universal Definition of Heart Failure-how to proceed? *Eur Heart J.* 2021 Jun 21;42(24):2331-2343.

For more details visit:

[heartresearch.org.uk/research/masterclass](https://heartresearch.org.uk/research/masterclass)

Or contact Dr Helen Flaherty on **0113 234 7474**

