

CURRICULUM VITAE

Personal information

Manuel Barreiro-Pérez, MD, PhD

Cardiology Consultant. Advanced Cardiovascular Imaging Specialist



Experience and training

December 2021 – Nowadays: **Cardiology Consultant – Cardiovascular Imaging**. Hospital Fátima Vigo Vithas.

April 2021 – Nowadays: **Cardiology Consultant. Coordinator Advanced Cardiovascular Imaging Unit**. Cardiology Department. University Hospital Álvaro Cunqueiro (www.sergas.es). Heath Research Institute Galicia Sur (IISGS, www.iisgaliciasur.es)

April 2015 – March 2021: **Cardiology Consultant. Coordinator Cardiovascular Imaging Unit. Cardiology Training Program Mentor**. Cardiology Department. University Hospital of Salamanca (www.saludcastillayleon.es). Biomedical Research Institute of Salamanca (IBSAL)

December 2016 – February 2017: **Advanced cardiac MRI training**. Radiology Department. UZ Leuven (www.uzleuven.be), Leuven, Belgium. Supervisor Prof. Jan Bogaert

June 2014 – April 2015: **Clinical and research Fellowship in Cardiovascular Imaging**. CAUSA. IBSAL (www.ibsal.es), Salamanca. Supervisor: Dr. Pedro L Sánchez

March 2015: **Cardiovascular CT training**. Guy's and St. Thomas' Healthcare NHS Trust (www.guysandstthomas.nhs.uk), London, United Kingdom. Supervisor Prof. Ronak Rajani

February 2013 – April 2013: **Advanced Echocardiography training (Stress, strain, 3D and SHD imaging monitoring)**. St. George's Healthcare NHS Trust. (www.stgeorges.nhs.uk), London, United Kingdom. Supervisor Prof. Rajan Sharma.

May 2009 – May 2014: **Specialist Registrar in Cardiology**. University Central Hospital of Asturias (HUCA). Cardiology Department (www.hca.es), Oviedo. Supervisor: Dr. Pablo Avanzas

Education

2002 – 2008: **Medical Degree**. University of Salamanca, School of Medicine (www.usal.es), Salamanca. 360 ECTS

2009 – 2010: **Master in Medicine Research**. University of Oviedo, School of Medicine (www.uniovi.es), Oviedo. 60 ECTS

2010 – 2012: **Postgraduate Title in Research Methodology: Design and Statistics in Health Sciences**. University of Barcelona (www.metodo.uab.cat), Barcelona. 30 ECTS

2012 – 2014: **Master on Cardiovascular Critical Care.** University of San Antonio (www.ucam.edu), Murcia. 60 ECTS

2012 – 2015: **Doctoral Thesis in Medicine (Cum Laude): *Analysis of the clinical utility of cardiac computed tomography angiography performed to rule out coronary artery disease.*** University of Oviedo, School of Medicine (www.uniovi.es)

2015: **Director of Radiodiagnosis Facilities.** CAUSA, Nuclear Safety Council (CSN)

2015 – 2016: **Master in Transoesophageal Echocardiography.** University Francisco Vitoria (www.ufv.es), Madrid. 60 ECTS

2015 – 2017: **Master in Cardiovascular Imaging.** University of San Antonio (www.ucam.edu), Murcia. 60 ECTS

2017 – 2019: **Executive Master in Management of Healthcare Organizations (EMDOS).** ESADE, Ramon Lull University (www.esade.edu), Madrid

Accreditation and Certifications

2014: **European Accreditation in Transthoracic Echocardiography.** European Association of Cardiovascular Imaging. European Society of Cardiology

2015: **European Accreditation in General Cardiology.** European Society of Cardiology. European Union of Medical Specialists

2015: **European Accreditation in Transoesophageal Echocardiography.** European Association of Cardiovascular Imaging. European Society of Cardiology

2015: Comprehensive Cardio CT-Training. **Verification of Cardiovascular CT Experience Program for Level 2.** Society of Cardiovascular Computed Tomography

2019: **Accreditation in Cardio-Magnetic Resonance (level 3).** European Association of Cardiovascular Imaging. European Society of Cardiology

2019: **Accreditation in Cardio-Computerized Tomography (level 3).** European Association of Cardiovascular Imaging. European Society of Cardiology

Scientific Societies Responsibilities

2022 – Nowadays: Elect President of the Cardiac Imaging Association of the Spanish Society of Cardiology (SEC).

2020 – 2022: Member of the Executive Board of the MRI and CT Working Group of the Spanish Society of Cardiology (SEC).

2018 – Nowadays: Nucleus Member of the Spanish Society of Cardiology Training and Education Commission.

2016 – 2020: Member of the Executive Board of the Cardiac Imaging Section of the Spanish Society of Cardiology (SEC). Founder of the National Cardiac Imaging Registry

2017 – 2021: Member of the Executive Board of the Castilian-Leonese Society of Cardiology (SOCALEC)

Scientific and Academic Activity

- Participation in **13 competitive public funding research projects**, three of them as Principal Investigator.
- Author of more than **100 publications in indexed journals** (PubMed Bibliography: www.ncbi.nlm.nih.gov/sites/myncbi/1bUJ5zLZhbCQJ/bibliography/47458979/public). Citations 1162. H-index 15.
- Author of more than 40 communications to International Congresses and more than 70 communications to national congresses. Invited speaker at International and National Congresses on more than 40 occasions
- Director of several Advanced Cardiovascular Imaging Training Courses:
 - o Practical course "Hands-on" in Advanced Cardiovascular Imaging. Salamanca. Editions 2016-2020;
 - o SEC Course – Joint approach to SHDI. 2019 and 2021;
 - o SEC course – MRI and CT in clinical decision making. 2019 and 2021;
 - o Tricuspid Valve Intervention Workshop, 2020
 - o CSC Imaging, 2023
- Director of University Degrees:
 - o University Expert Degree in Imaging and Structural Heart Disease Interventions;
 - o University Master Degree in Imaging and Structural Heart Disease Interventions;
- Teaching in University Degrees:
 - o Master in Cardiovascular MRI. Francisco de Vitoria University
 - o Master in Cardiovascular Imaging. San Antonio Catholic University
 - o Master in SHDI. Rey Juan Carlos University
 - o Master in Cardiovascular CT. Francisco de Vitoria University;
- Editor and author of the publication "Protocols in Echocardiography". 1st Ed July 2015. 2nd Ed March 2019. ISBN: 978-84-09-17354-9. Author of more than twenty editorially registered book chapters about multimodality cardiovascular imaging



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