

Dott. Amadu Antonio Matteo

Titolo di Studio:

Laurea Magistrale in Medicina e Chirurgia

Università degli Studi di Sassari, votazione: 110/110 (2012)

Research Fellow

Cardiovascular Magnetic Resonance Unit Bristol Heart Institute - Bristol Royal Infirmary, Bristol (Regno Unito) (2016)

Specializzazione in Radiodiagnostica

Università degli Studi di Sassari, Sassari (Italia) (2013-2017)

Esperienze lavorative:

Dirigente Medico Radiologo

ASST Ovest Milanese, Ospedale Fornaroli - Magenta (Italia) (13-11-2017 – 31-03-2019)

Dirigente Medico Radiologo

AOU Azienda Ospedaliero-Universitaria di Sassari, Sassari (Italia) (01-04-2019 – tutt'oggi)

Pubblicazioni Scientifiche:

- **Arrhythmogenic right ventricular cardiomyopathy (ARVC) mimics: the knot unravelled by cardiovascular MRI.**

Amadu AM, Baritussio A, Dastidar AG, De Garate E, Rodrigues JCL, Biglino G, Lyen S, Diab I, Duncan E, Nisbet A, Thomas G, Angelini GD, Bucciarelli-Ducci C. Clin Radiol. 2019 Mar;74(3):228-234. doi: 10.1016/j.crad.2018.12.002. Epub 2019 Jan 23.

- **Analysis of the correlations between the severity of lung involvement and olfactory psychophysical scores in coronavirus disease 2019 (COVID-19) patients.**

Amadu AM, Vaira LA, Lechien JR, Scaglione M, Saba L, Lampus ML, Profili SG, Le Bon SD, Salzano G, Maglito F, Saussez S, Boscolo-Rizzo P, Hopkins C, De Riu G. Int Forum Allergy Rhinol. 2022 Jan;12(1):103-107. doi: 10.1002/alr.22869. Epub 2021 Jul 22.

- **Machine learning approach in diagnosing Takotsubo cardiomyopathy: The role of the combined evaluation of atrial and ventricular strain, and parametric mapping**

Cau R, Pisu F, Porcu M, Cademartiri F, Montisci R, Bassareo P, Muscogiuri G, **Amadu A**, Sironi S, Esposito A, Suri JS, Saba L. *Int J Cardiol*. 2023 Feb 15;373:124-133. doi: 10.1016/j.ijcard.2022.11.021. Epub 2022 Nov 18. PMID: 3641054

- **Teaching Video Neurolmage: Bilateral Hemifacial Spasm in Giant Cell Arteritis.**

Sechi E, Gallus E, Solla P, Puggioni D, **Amadu AM**, Ortu R, Piras M, Defazio G, Erre GL. *Neurology*. 2022 Aug 9;99(6):256-257. doi: 10.1212/WNL.0000000000200837. Epub 2022 Jun 3. PMID: 35940893

- **Prevalence and predictors of asymmetric hypertensive heart disease: insights from cardiac and aortic function with cardiovascular magnetic resonance**

Rodrigues JC, **Amadu AM**, Dastidar AG, Hassan N, Lyen SM, Lawton CB, Ratcliffe LE, Burchell AE, Hart EC, Hamilton MC, Paton JF, Nightingale AK, Manghat NE. *Eur Heart J Cardiovasc Imaging*. 2015 Dec 24. pii: jev329.

- **Comprehensive characterization of hypertensive heart disease left ventricular phenotypes**

Rodrigues JC, **Amadu AM**, Dastidar AG, Szantho GV, Lyen SM, Godsave C, Ratcliffe LE, Burchell AE, Hart EC, Hamilton MC, Nightingale AK, Paton JF, Manghat NE, Bucciarelli-Ducci C. *Heart*. 2016 Oct 15;102(20):1671-9. doi:10.1136/heartjnl-2016-309576.

- **ECG strain pattern in hypertension is associated with myocardial cellular expansion and diffuse interstitial fibrosis: a multi-parametric cardiac magnetic resonance study**

Rodrigues JC, **Amadu AM**, Ghosh Dastidar A, McIntyre B, Szantho GV, Lyen S, Godsave C, Ratcliffe LE, Burchell AE, Hart EC, Hamilton MC, Nightingale AK, Paton JF, Manghat NE, Bucciarelli-Ducci C. *Eur Heart J Cardiovasc Imaging*. 2016 Jun 22. pii: jew117

- **Extra-cardiac findings in cardiovascular magnetic resonance: what the imaging cardiologist needs to know**

Rodrigues JC, Lyen SM, Loughborough W, **Amadu AM**, Baritussio A, Dastidar AG, Manghat NE, Bucciarelli-Ducci C. *J Cardiovasc Magn Reson*. 2016 May 9;18(1):26. doi: 10.1186/s12968-016-0246-1. Review.

- **Isolated breast metastasis 4 years after nephrectomy**

Amadu AM, Marras V, Crivelli P, Soro D, Conti M, Meloni GB. **Breast J**. 2017 Jun 13. doi: 10.1111/tbj.12837.

- **Gastroduodenal stenting: is still useful in the treatment of malignant obstruction?**

Crivelli P, Carboni M, Montella RA, **Amadu AM**, Profili S, Conti M, Meloni GB. **Radiol Med**. 2017 Aug;122(8):564-567. doi: 10.1007/s11547-017-0761-7. Epub 2017 Apr 20.

- **Assessment of Suspected Cardiac Mass with Multi-Parametric Cardiac Magnetic Resonance: Do we Really Need Invasive Endomyocardial Biopsy in Everyone?**

Antonio Matteo Amadu, Anna Baritussio, Amardeep Ghosh Dastidar, Giuseppe Venuti, Giulia Mattesi, Jonathan CL Rodrigues and Chiara Bucciarelli-Ducci **Ann Clin Lab Res**. June 2016, 4: 2.

- **Misleading presentation of staphylococcal pneumonia in a adolescent girl: a case report**

Cristian Locci, **Antonio Matteo Amadu**, Anna Maria Oggiano, Renato Cutrera, Roberto Antonucci **Journal of Pediatric and Neonatal Individualized Medicine** 2017;(6)2:e060218 doi: 10.7363/060218

- **Primary Breast Chondrosarcoma: Imaging and Pathological Findings**

Antonio Matteo Amadu, Daniela Soro, Vincenzo Marras, Giulia Satta, Paola Crivelli, Maurizio Conti, Giovanni Battista Meloni **European Journal of Radiology Open** 2017 Nov 5;4:138-140. doi: 10.1016/j.ejro.2017.11.001

- **Impact of Cardiovascular Magnetic Resonance on Management and Clinical Decision-Making in Acute Hospitalised Patients**

Estefania De Garate, Amardeep Ghosh Dastidar, Anna Baritussio, Alessandra Scatteia, **Antonio Amadu**, Giuseppe Venuti, Jonathan C Rodrigues, Chiara Bucciarelli-Ducci **Heart** Jun 2016, 102 (Suppl 6) A91-A92; DOI: 10.1136/heartjnl-2016-309890.129

- **Apical Versus Non-apical Hypertrophic Cardiomyopathy (HCM): Insight from Cardiac Magnetic Resonance Imaging**

Priyanka Singhal, Amardeep Ghosh Dastidar, Venuti Giuseppe, **Antonio Amadu**, Anna Baritussio, Alessandra Scatteia, Estefania De Garate, Chris Lawton, Jonathan C Rodrigues, Chiara Bucciarelli-Ducci **Heart** Jun 2016, 102 (Suppl 6) A104; DOI: 10.1136/heartjnl-2016-309890.144

- **Prevalence of extra-cardiac findings detected by cardiac MRI in inherited vs acquired cardiovascular diseases**

AM Amadu, A Baritussio, A Ghosh Dastidar, JCL Rodrigues, P Crivelli, GB Meloni, Bucciarelli-Ducci **Heart** May 2016, 102 (Suppl 3) A1; DOI: 10.1136/heartjnl-2016-309668.1

- **Insights into hypertensive heart disease phenotypes: Spectrum of myocyte, interstitial and vascular changes by cardiovascular MRI**

Jonathan CL Rodrigues, **Antonio Matteo Amadu**, Amardeep Ghosh Dastidar, Gergely Szantho, Laura EK Ratcliffe, Amy E Burchell, Emma C Hart, Mark CK Hamilton, Angus K Nightingale, Julian FR Paton, Nathan E Manghat, Chiara Bucciarelli-Ducci **Heart** May 2016, 102 (Suppl 5) A4; DOI: 10.1136/heartjnl-2016-309680.10

- **Comprehensive intra/extracellular myocardial structural and functional characterization of hypertensive heart disease phenotypes**

Jonathan C Rodrigues, **Antonio Matteo Amadu**, Amardeep Ghosh Dastidar, Gergely V Szantho, Cattleya Godsave, Laura E Ratcliffe, Amy E Burchell, Emma C Hart, Mark Hamilton, Angus K Nightingale, Julian F Paton, Nathan E Manghat and Chiara Bucciarelli-Ducci **J Cardiovasc Magn Reson** 18(Suppl 1):P228:Jan2016

- **Cardiac magnetic resonance imaging (CMR) characteristics in apical versus non-apical hypertrophic cardiomyopathy (HCM)**

Amardeep Ghosh Dastidar, Priyanka Singhal, Giuseppe Venuti, **Antonio Matteo Amadu**, Anna Baritussio, Alessandra Scatteia, Estefania De Garate, Chris B Lawton, Jonathan C Rodrigues and Chiara Bucciarelli-Ducci **J Cardiovasc Magn Reson** 2016 18(Suppl 1):P269:Jan2016 **AuntMinnieEurope.com**

- **MRI rules out competing diagnoses in ARVC/D** By Eric Barnes, AuntMinnieEurope.com staff writer

