

PERSONAL INFORMATION

Name **CHRISTIAN CAEDDU DESSALVI**

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Nationality Italian

ACTUAL STATUS

Associate Professor and Researcher in Cardiology at the Department of Medical Sciences "M Aresu" - University of Cagliari
Chief of the Heart Failure Unit of the University Hospital of Monserrato - University of Cagliari

EDUCATION

July 1998	Graduated in Medical school at the University of Cagliari
May 1999	Qualifying examination for medical practitioner
June - August 2002	Visiting fellow at the Cardiac Ultrasound Service of the "John Radcliffe" Hospital, University of Oxford (director Prof. H. Becher)
1999 - 2003	Master degree in Cardiology at the school of Cardiology of the University of Cagliari
2005- 2008	PhD in Cardiovascular and Neurological sciences at the University of Cagliari
April 2018	Eligibility exam for Associate Professor

PROFESSIONAL EXPERIENCE

2004-2006	CONSULTANT CARDIOLOGIST AT THE UNIVERSITY HOSPITAL OF CAGLIARI
From November 2006	RESEARCHER IN CARDIOLOGY AT THE DEPARTMENT OF MEDICAL SCIENCES "M ARESU" - UNIVERSITY OF CAGLIARI
From 2008	CHIEF OF THE ECHOCARDIOGRAPHY LABORATORY AT THE UNIVERSITY HOSPITAL OF CAGLIARI
From 2019	Chief of the Heart Failure Unit AT THE UNIVERSITY HOSPITAL OF CAGLIARI

TEACHING

ASSOCIATE PROFESSOR OF CARDIOLOGY AT THE MEDICAL SCHOOL OF THE UNIVERSITY OF CAGLIARI

- TEACHES IN THE GRADUATE SCHOOL OF MEDICINE AND SURGERY AND IN SEVERAL PARAMEDICAL SCHOOLS
- HEAD OF THE POST GRADUATE SCHOOL OF CARDIOVASCULAR DISEASES
- TEACHES VARIOUS COURSES IN THE IN THE POST GRADUATE SCHOOLS OF THORACIC SURGERY, MEDICAL ONCOLOGY, HEMATOLOGY, INTERNAL MEDICINE, RADIOLOGY, PEDIATRICS, GERIATRY AND CLINICAL NUTRITION (UNIVERSITY OF CAGLIARI)
- MEMBER OF THE TEACHING BOARD OF THE PHD SCHOOL OF PERSONALIZED MEDICINE AND PUBLIC HEALTH AT THE UNIVERSITY OF CAGLIARI (CICLE XXXIX)

RESEARCH ACTIVITY

WORKED AS AUTHOR AND CO-AUTHOR IN SEVERAL PUBLICATIONS AND SPEECHES THAT HAVE BEEN PRESENTED IN SEVERAL NATIONAL AND INTERNATIONAL MEETINGS. THE SCIENTIFIC INTEREST HAS BEEN DEVELOPED TOWARD NON INVASIVE CARDIOVASCULAR IMAGING (ECHOCARDIOGRAPHY) AND CLINICAL CARDIOLOGY:

- DIAGNOSTIC POTENTIALS OF NEW ECHOCARDIOGRAPHIC TECHNOLOGIES IN ISCHEMIC HEART DISEASE (INTEGRATED BACKSCATTER, CONTRAST ECHOCARDIOGRAPHY).
- NON INVASIVE EVALUATION OF CORONARY FLOW RESERVE USING ECHOCARDIOGRAPHY AND SECOND HARMONIC COLOR DOPPLER WITH INTRAVENOUS CONTRAST AGENTS: METHOD VALIDATION.
- STUDY OF CORONARY MICROCIRCULATION IN ACUTE MYOCARDIAL INFARCTION
- DRUG-INDUCED CARDIOTOXICITY
- HIV-RELATED CARDIOVASCULAR DISEASES
- CARDIOVASCULAR MODIFICATIONS IN DIABETES MELLITUS AND METABOLIC SYNDROME
- TELEMEDICINE IN HEART FAILURE PATIENTS
- ROLE OF THE NEW ECHOCARDIOGRAPHIC TECHNOLOGIES IN THE IDENTIFICATION OF MYOCARDIAL DYSFUNCTION IN SEVERAL CLINICAL SETTINGS (X SYNDROME PATIENTS, SYSTEMIC SCLEROSIS, CHEMOTHERAPY INDUCED MYOCARDIAL DYSFUNCTION)
- USE OF METABOLOMICS IN SEVERAL CLINICAL CARDIOVASCULAR SETTINGS (HEART FAILURE, ISCHEMIC HEART DISEASE)

MEMBER OF THE EDITORIAL BOARD

- JOURNAL OF CARDIOVASCULAR MEDICINE (HAGERSTOWN) (IF 3 – Q3) FROM 2016
- JOURNAL OF CARDIOVASCULAR ECHOGRAPHY (IF 0,8 – Q4) FROM 2016
- FRONTIERS IN PHYSIOLOGY – SECTION VASCULAR (IF 4 – Q2) FROM 2018
- METABOLITES (IF 5.58 – Q2) FROM 2019
- FRONTIERS IN CARDIOVASCULAR MEDICINE – SECTION CARDIO-ONCOLOGY (IF 3.6 – Q2) FROM 2020
- MONALDI ARCHIVES FOR CHEST DISEASE (IF 1.9 – Q3) FROM 2021
- GUEST EDITOR PER LA RIVISTA "METABOLITES" - ISSUE "METABOLIC PROFILING OF CARDIOVASCULAR DISEASE" GIU-DIC 2020 E ISSUE II "METABOLIC PROFILING OF CARDIOVASCULAR DISEASE" GEN-DIC 2022
- TOPIC EDITOR PER LA RIVISTA "FRONTIERS IN PHYSIOLOGY" - ISSUE "VASCULAR EFFECTS OF ONCOLOGICAL TREATMENTS: FROM PATHOPHYSIOLOGY TO VASCULAR PROTECTION" FROM GIU 2020-GIU 2021

Reviewer of many major international journals:

• CIRCULATION CARDIOVASCULAR IMAGING, JOURNAL OF AMERICAN SOCIETY OF ECHOCARDIOGRAPHY, INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, CARDIOVASCULAR DIABETOLOGY, HEART AND VESSEL, JOURNAL OF CARDIOVASCULAR MEDICINE, DIABETOLOGY AND METABOLIC SYNDROME, JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES

Society membership

- MEMBER OF THE ITALIAN AND EUROPEAN SOCIETY OF CARDIOLOGY
- FELLOW OF THE EUROPEAN SOCIETY OF CARDIOLOGY (FESC)
- MEMBER OF THE ITALIAN SOCIETY OF ECHOCARDIOGRAPHY AND CARDIOVASCULAR IMAGING (SIECVI)
- MEMBER OF THE EUROPEAN SOCIETY OF CARDIOVASCULAR IMAGING

FROM 2024 NATIONAL TREASURER OF THE ITALIAN SOCIETY OF ECHOCARDIOGRAPHY AND CARDIOVASCULAR IMAGING (SIECVI)

Study groups membership

- 2009 PARTICIPATED TO THE ESC TASK FORCE ON GENDER CHAIRED BY PROF. COLLINS
- FROM 2009 TO 2013 MEMBER OF THE NUCLEUS OF THE STUDY GROUP ON GENDER DIFFERENCES IN CARDIOVASCULAR DISEASE OF THE ITALIAN SOCIETY OF CARDIOLOGY
- FROM 2010 MEMBER OF THE ESC WORKING GROUP ON CORONARY PATHOLOGY AND MICROCIRCULATION
- FROM 2010 TO 2011 MEMBER OF THE ITALIAN INTERSOCIETY CONSENSUS GROUP ON SCREENING AND THERAPY OF CORONARY HEART DISEASE IN DIABETIC PATIENTS
- FROM 2013 TO 2018 MEMBER OF THE NUCLEUS OF THE STUDY GROUP ON DRUG-INDUCED CARDIOTOXICITY AND CARDIOPROTECTION OF THE ITALIAN SOCIETY OF CARDIOLOGY
- FROM 2014 TO 2016 CHAIR OF THE STUDY GROUP ON GENDER DIFFERENCES IN CARDIOVASCULAR DISEASES OF THE ITALIAN SOCIETY OF CARDIOLOGY
- FROM 2022 CHAIR OF THE STUDY GROUP ON DRUG-INDUCED CARDIOTOXICITY AND CARDIOPROTECTION (CARDIONCOLOGY) OF THE ITALIAN SOCIETY OF CARDIOLOGY

Publications

Publications on national and international indexed journals

1. Colonna P., Cadeddu C., Montisci R., Chen L., Meloni L., Iliceto S. "Valutazione dell'eterogeneità transmurale di contrazione: nuove prospettive in ecocardiografia". *Cardiologia* 1999;44 (Suppl 1): 617-624.
2. Colonna P, Chen L, Cadeddu C, Caiati C, Iliceto S. Identification of patients at high risk for cerebral stroke: the role of transesophageal echocardiography. *Clin Hemorheol Microcirc.* 1999;21(3-4):241-4. Review
3. Cadeddu C., Montisci R., Colonna P., Chen L.J., Caiati C., Ruscazio M., Meloni L., Iliceto S. La Seconda Armonica migliora la capacità dell'Integrated Backscatter di evidenziare il miocardio vitale durante eco-dobutamina. *Cardiologia*, 1999(suppl.2, Abs) n.69
4. Colonna P, Cadeddu C., Montisci R., Caiati C., Chen L.J., Ruscazio M., Meloni L., Iliceto S. Riduzione delle variazioni cicliche di integrated backscatter nel subendocardio di pazienti coronaropatici con e senza segni elettrocardiografici di ischemia. *Cardiologia*, 1999(suppl.2, Abs) n.213
5. Cadeddu C., Colonna P., Caiati C., Montisci R., Chen L.J., Meloni L., Iliceto S. L'ischemia subendocardica evidenziata dalla riduzione delle variazioni cicliche di integrated backscatter correla col grado di stenosi dell'arteria coronaria. *Cardiologia*, 1999(suppl.2, Abs) n.70
6. Lai S., Cadeddu C., Caiati C., Montisci R., Colonna P., Meloni L., Iliceto S. La riserva coronarica di soggetti con coronaria discendente anteriore "angiograficamente normale" dipendente dal sesso e dalle stenosi sulle altre coronarie. *Cardiologia*, 1999(suppl.2, Abs) n.191
7. Cadeddu C, Chen L.J., Colonna P., Caiati C., Montisci R., Ruscazio M., Meloni L., Iliceto S. Un nuovo affidabile algoritmo per valutare automaticamente e rapidamente i volumi ventricolari sinistri mediante il color Doppler in seconda armonica con ecocontrasto. *Cardiologia*, 1999 (suppl.2, Abs) n.200
8. Montisci R., Colonna P., Ruscazio M., Cadeddu C, Manca M.R., Caiati C., Garau P., Passiu G., Vacca A., Fanni A., Mathieu A., Iliceto S. Valutazione non invasiva della riserva coronarica in pazienti affetti da sclerosi sistemica. *Cardiologia*, 1999 (suppl.2, Abs) n.195
9. Colonna P., Ruscazio M., Caiati C., Onnis E., Longu G., Montisci R., Cadeddu M., Lai G., Pirisi R., Cadeddu C., Chen L., Meloni L., Iliceto S. Time to Balloon Dependence of Coronary Flow Velocity Reserve After Primary Angioplasty in Patients With Anterior Acute Myocardial Infarction. *American College of Cardiology* 2000;35;2 Abs SupplA:401
10. Colonna P., Montisci R., Cadeddu C., Chen L., Meloni L., Iliceto S. Subendocardial Ischemia Detected by Reduction of Backscatter Cyclic Variations Correlates With the Degree of Coronary Artery Stenosis. *American College of Cardiology* 2000;35;2 Abs SupplA:432
11. Colonna P, Cadeddu C, Iliceto S. Transmural heterogeneity of contraction and ischemia *Ital Heart J* 2000;1(3):174-83

12. Colonna P, Cadeddu C, Montisci R, Chen LJ, Pisanu S, Onnis E, Ruscazio M, Meloni L, Iliceto S. Assessment of post infarction myocardial viability with intravenous myocardial contrast echocardiography using power Doppler harmonic imaging. *Eur Hear Journal* 2000;Abs Suppl:N 710
13. Colonna P, Chen LJ, Corda M, Montisci R, Cadeddu C, Meloni L, Iliceto S. Left ventricular border definition with intravenous Levovist and harmonic color Doppler: increased diagnostic potential and reduced volume measurement variability compared to tissue harmonic imaging. *Eur Hear Journal* 2000;Abs Suppl:N1806
14. Chen LJ, Colonna P, Montisci R, Caiati C, Corda M, Cadeddu C, Meloni L, Iliceto S. The application of a new automatic boundary detection algorithm and myocardial contrast echocardiography allows rapid quantification of left ventricular function in technically difficult patients. *Eur Hear Journal* 2000;Abs Suppl:N 1257
15. Ruscazio M, Montisci R, Colonna P, Cadeddu C, Chen LJ, Onnis E, Meloni L, S. Iliceto. Functional implications of no reflow phenomenon detected by intravenous myocardial contrast echocardiography in patients with acute myocardial infarction. *Eur Hear Journal* 2000;Abs Suppl:N1809
16. Ruscazio M., Colonna P., Montisci R., Cadeddu C., Lai G., Cadeddu M., Pirisi R., Iliceto S. Riperfusione miocardica monitorizzata con ecocontrastografia transvenosa in pazienti con ricanalizzazione coronarica ottimale (TIMI III) dopo infarto acuto del miocardio. *Emodinamica* 2000 (Abs. Suppl XXI Congresso Nazionale della Società Italiana di Cardiologia invasiva):P52
17. Ruscazio M., Montisci R., Marongiu G., Pirisi R., Cadeddu C., Lai G., Colonna P., Chen L., Meloni L., Caiati C, Iliceto S. Determinazione della ristenosi coronarica dopo PTCA mediante monitoraggio non invasivo della riserva coronarica con ecocontrastografia Doppler transtoracica. *Emodinamica* 2000 (Abs. Suppl XXI Congresso Nazionale della Società Italiana di Cardiologia invasiva):P53
18. Colonna P, Cadeddu C, Chen L, Iliceto S. Clinical applications of contrast echocardiography. *Am Heart J.* 2001 Feb;141(2 Suppl):S36-44. Review
19. Colonna P, Cadeddu C, Montisci R, Chen LJ, Ruscazio M, Meloni L, Iliceto S. Intravenous Myocardial Contrast Echocardiography Early After Acute Myocardial Infarction Predicts Myocardial Contractile Reserve and Functional Recovery at Follow-Up. *American College of Cardiology* 2001;37;2 Abs SupplA:410
20. Colonna P, Cadeddu C, Montisci R, Chen LJ, Ruscazio M, Meloni L, Iliceto S. Potential of Dobutamine Echocardiography and Different Myocardial Contrast Echocardiography Perfusion Patterns in Identifying Dysfunctioning Viable Myocardial Segments After Acute Myocardial Infarction. *American College of Cardiology* 2001;37;2 Abs SupplA:405
21. Colonna P, Montisci R, Corda M, Cadeddu C, Chen LJ, Onnis E, Meloni L, Iliceto S. Clinical Implications of the "No-Reflow" Phenomenon. A Predictor of Left Ventricular Remodeling in Reperfused Acute Myocardial Infarction. *American College of Cardiology* 2001;37;2 Abs SupplA: 373
22. Colonna P, Ruscazio M, Montisci R, Cadeddu C, Lai G, Cadeddu M, Pirisi R, Meloni L, Iliceto S. Myocardial Reperfusion With Intravenous Myocardial Contrast Echocardiography in Patients With Optimal Coronary Recanalization (TIMI 3 Flow) After Acute Myocardial Infarction. *American College of Cardiology* 2001;37;2 Abs SupplA: 356
23. Colonna P, Seleem AH, Orrù M, Cadeddu C, Montisci R, Chen LJ, Onnis E., Meloni L, Iliceto S. Relationship between ST segment elevation after acute myocardial infarction and microvascular reperfusion injury evaluated with myocardial contrast echocardiography. *American College of Cardiology* 2001;37;2 Abs SupplA:377
24. Colonna P, Cadeddu C, Seleem AH, Montisci R, Chen LJ, Ruscazio M, Onnis E, Meloni L, Iliceto S. Reduced Microvascular and Myocardial Damage in Patients With Acute Myocardial Infarction and Ischemic Preconditioning Due to Preinfarction Angina. *American College of Cardiology* 2001;37;2 Abs SupplA:389
25. L. J. Chen, P. Colonna, C. Cadeddu, A. H. Selem, R. Montisci, C. Caiati, L. Meloni, S. Iliceto Quantification of Left Ventricular Function with Contrast-Enhanced Harmonic Colour Doppler and a Semiautomated Boundary Detection Algorithm in Technically Difficult Patients: Feasibility, Accuracy, and Inter-observer Variability. *Eur J Echocardiogr.* 2001 Dec;2(4):253-61
26. Chen L., Colonna P., Corda M., Cadeddu C., Montisci R., Caiati C., Meloni L., Iliceto S. Contrast-enhanced harmonic color Doppler for left ventricular opacification: improved endocardial border definition compared to tissue harmonic imaging and optimization of methodology in patients with suboptimal echocardiograms. *Echocardiography.* 2001 Nov;18(8):639-49.
27. Chen LJ, Colonna P, Montisci R, Selem AH, Caiati C, Cadeddu C, Meloni L, Iliceto S. Coronary steal detected noninvasively by contrast-enhanced transthoracic harmonic color Doppler echocardiography. *Eur Heart J* 2001 Abstr. Suppl 22: 514
28. P. Colonna, C. Cadeddu, A.H. Selem, R. Montisci, L.J. Chen, M. Ruscazio, L. Meloni, S. Iliceto Preserved coronary flow velocity reserve in patients with acute myocardial infarction and ischemic preconditioning due to preinfarction angina. *Circulation* 2001; Abs Suppl Nov:N°2169
29. P. Colonna, R. Montisci, M. Corda, C. Cadeddu, AH Selem, L.J. Chen, E. Onnis, L. Meloni, S. Iliceto Ischemic Preconditioning Due to Preinfarction Angina Limits Left Ventricular Remodeling in Reperfused Acute Myocardial Infarction. *Circulation* 2001; Abs Suppl Nov:N°3085
30. P. Colonna, R. Montisci, C. Cadeddu, L.J. Chen, A.H. Selem, M. Ruscazio, L. Meloni, S. Iliceto Microvascular status after acute myocardial infarction: the effect of preinfarction angina in patients treated with primary PTCA or intravenous thrombolysis. *Circulation* 2001; Abs Suppl Nov:N°1966
31. L.J. Chen, P. Colonna, C. Cadeddu, R. Montisci, A.H. Selem, M. Ruscazio, C. Caiati, L. Meloni, S. Iliceto Coronary flow reserve is

- correlated with no-reflow phenomenon and has predictive value of myocardial viability in patients with reperfused acute anterior myocardial infarction. *Circulation* 2001; Abs Suppl Nov:N°3533
32. Colonna P, Cadeddu C, Lai S, Caiati C, Iliceto S. La valutazione Eco-Doppler del flusso coronarico e della riserva coronarica. in "Nuove tecniche ultrasonografiche nella patologia cardiaca vascolare." Pag 12-18 Edizioni Minerva Medica 2001.
33. Colonna P, Cadeddu C, Montisci R, Ruscazio M, Selem AH, Chen LJ, Onnis E, Meloni L, Iliceto S. Reduced microvascular and myocardial damage in patients with acute myocardial infarction and preinfarction angina. *Am Heart J.* 2002 Nov;144(5):796-803
34. Colonna P, Cadeddu C, Montisci R, Ruscazio M, Chen L, Onnis E, Meloni L, Iliceto S. Post-infarction microvascular integrity predicts myocardial viability and left ventricular remodeling after primary coronary angioplasty. A study performed with intravenous myocardial contrast echocardiography. *Ital Heart J.* 2002 Sep;3(9):506-13.
35. L Chen, P Colonna, R Montisci, AH Selem, C Caiati, C Cadeddu, L Meloni, S Iliceto Intravenous adenosine during coronary flow reserve assessment: is 90-second infusion sufficient for maximal coronary vasodilatation? *Eur Heart J* 2002 Abstr. Suppl 23: 69
36. P Colonna, R Montisci, M Ruscazio, C Cadeddu, L Chen, L Meloni, S Iliceto Accuracy of stress-induced reduction of subendocardial backscatter variations in CAD patients with or without EKG signs of myocardial ischaemia *Eur Heart J* 2002 Abstr. Suppl 23: 302
37. P Colonna, C Cadeddu, R Montisci, L Chen, AH Selem, M Ruscazio, L Meloni, S Iliceto Microvascular status after acute myocardial infarction: the effect of no-reflow in patients treated with primary PTCA or intravenous thrombolysis. *Eur Heart J* 2002 Abstr. Suppl 23: 547
38. P Colonna, R Montisci, L Chen, C Cadeddu, AH Selem, M Ruscazio, L Meloni, S Iliceto Influence of microvascular a integrity on coronary flow reserve evaluated shortly after acute myocardial infarction. *Eur Heart J* 2002 Abstr. Suppl 23:644
39. Colonna P, Montisci R, Cadeddu C, Meloni L, Iliceto S. Post infarction myocardial viability diagnosis with integrated backscatter cyclic variations during dobutamine infusion.. *American College of Cardiology* 2002;39;2 SupplA:371-372
40. Colonna P, Montisci R, Cadeddu C, Onnis E, Chen LJ, Meloni L, Iliceto S. Second harmonic modality improves capability of integrated backscatter in detecting viable myocardium during echo dobutamine test. *American College of Cardiology* 2002;39;2 SupplA:1118-51
41. Montisci R, Ruscazio M, Caiati C, Zedda N, Manzi R, Cadeddu C, Pisanu S, Iliceto S, Meloni L. Feasibility, symptoms, adverse effect and complications associated with noninvasive assessment of coronary flow velocity reserve during intravenous adenosine infusion. *American College of Cardiology* 2003;41;6 SupplA:414
42. P. Colonna, C. Cadeddu, R. Montisci, S. Pisanu, E. Onnis, M. Ruscazio, S. Iliceto, L. Meloni Condizioni del microcircolo dopo infarto acuto del miocardio: effetti del No-reflow nei pazienti trattati con PTCA primaria o trombolisi per via endovenosa. *Ital Heart J.* 2003 Dec;4 suppl 6:C737
43. P. Colonna, R. Montisci, C. Cadeddu, M. Ruscazio, *S. Iliceto, L. Meloni Accuratezza nella riduzione delle variazioni cicliche del Backscatter nel subendocardio indotte dallo stress in pazienti affetti da CAD in presenza o assenza di segni di ischemia miocardica all' ECG. *Ital Heart J.* 2003 Dec;4 suppl 6:C725
44. P. Colonna, C. Cadeddu, L. Chen, R. Mentisci, A. Hakem Selem, C. Caiati, M. Ruscazio, E. Onnis, S. Iliceto, L. Meloni Valutazione della riperfusione microcircolatoria utilizzando lo studio della riserva coronarica e la risoluzione del sopralivellamento ST in pazienti con infarto acuto del miocardio in sede anteriore. *Ital Heart J.* 2003 Dec;4 suppl 6:P223
45. R. Montisci, P. Colonna, C. Cadeddu, L. Chen, C. Caiati, M. Ruscazio, S. Iliceto, L. Meloni Infusione endovenosa di adenosina nella valutazione della riserva coronarica: è sufficiente una infusione di 90 secondi per ottenere le massima vasodilatazione coronarica? *Ital Heart J.* 2003 Dec;4 suppl 6:C36
46. R. Montisci, M. Ruscazio, C. Caiati, N. Zedda, R. Manzi, C. Cadeddu, S. Pisanu, S. Iliceto, L. Meloni Fattibilità, sintomi e eventi avversi e complicanze associate alla valutazione non invasiva della riserva di flusso coronarico durante infusione endovenosa. Esperienza su 1222 pazienti. *Ital Heart J.* 2003 Dec;4 suppl 6:C118
47. G. Cioglia, C. Cadeddu, G. Lai, M. Cadeddu, R. Pirisi, M. Ruscazio, L. Meloni Valutazione seriata della perfusione miocardica dopo angioplastica primaria : studio scintigrafico mediante spect *Ital Heart J.* 2003 Dec;4 suppl 6:C185
48. C. Cadeddu, G. Cioglia, N. Zedda, R. Montisci, M. Cadeddu, G. Lai, R. Pirisi, M. Ruscazio, S. Iliceto, L. Meloni Relazione tra la riserva coronarica non invasiva e l'estensione della perfusione residua nell'infarto acuto del miocardio sottoposto a PTCA primaria *Ital Heart J.* 2003 Dec;4 suppl 6:P227
49. M. Ruscazio, R. Montisci, G. Bezante, M. Balbi, M. Saraste, R. Pirisi, G. Lai, M. Cadeddu, C. Cadeddu, J. Hartiala, A. Barsotti, L. Meloni, S. Iliceto Accuracy of non-invasive monitoring of coronary flow velocity reserve with transthoracic echodoppler in detecting coronary restenosis after successful coronary angioplasty: a multicenter study. *Circulation* 2004; Abs Suppl Nov:N°2404
50. C. Cadeddu, G. Cioglia, F. Cadeddu, G. Lai, M. Cadeddu, R. Pirisi, M. Ruscazio, R. Montisci, L. Meloni Differenti evoluzioni temporale della perfusione miocardica dopo angioplastica primaria in pazienti con infarto anteriore. *Ital Heart J.* 2004 Dec;5 suppl 9:C233
51. E. Onnis, R. Stara, C. Cadeddu, G. Sole, R. Montisci, M. Ruscazio, L. Meloni Coinvolgimento del miocardio remoto in corso di infarto miocardica acuto con ST sopralivellato. *Ital Heart J.* 2004 Dec;5 suppl 9:C325
52. R. Montisci, M. Ruscazio, L. Cacciavillani, F. Corbetti, C. Sarais, A. Portale, S. Pontarollo, M. Perazzolo Marra, E. Bacchiega, A. Pavei, C. Cadeddu, L. Meloni, S. Iliceto L'estensione transmurale della necrosi miocardica influenza l'accuratezza dell'ecocontrastografia

- miocardica nei pazienti con infarto acuto del miocardio. *Ital Heart J.* 2004 Dec;5 suppl 9:C579
53. R. Montisci, L. Chen, M. Ruscazio, P. Colonna, C. Cadeddu, C. Caiati, M. Montisci, L. Meloni, S. Iliceto Non-invasive coronary flow reserve is correlated with microvascular integrity and myocardial viability after primary angioplasty in acute myocardial infarction. *Heart.* 2006 Aug;92(8):1113-8
54. C. Cadeddu, A. Piras, *M. Dessi, M. Deidda, *E. Massa, *G. Mantovani, G. Mercurio. Early contractility impairment showing Subclinical Cardiotoxicity During Anthracycline Treatment. An Early Serial Evaluation Performed With Tissue Doppler Echocardiography and Biochemical Markers. *Circulation* 2006 Oct;114(18) Suppl:N°3566
55. C. Cadeddu, A. Piras, *M. Dessi, M. Deidda, *E. Massa, *G. Mantovani, G. Mercurio. Compromissione precoce della contrattilità miocardica in corso di terapia con antracicline misurata con Tissue Doppler Imaging in presenza di markers bioumorali negativi. *Ital Heart J.* 2006 Dec;7 suppl 1: C387
56. Onnis E, Stara R, Cadeddu C, Sole G, Montisci R, Ruscazio M, Meloni L. Heterozonal electrocardiographic changes in ST-elevation myocardial infarction *G Ital Cardiol* 2007 Feb;8(2):115-22.
57. Montis C, Piano D, Mercurio S, Nocco S, Ortu P, Cadeddu C, Manconi PE, Mercurio G. Early contractility impairment in HIV-infected patients in the era of highly active antiretroviral therapy *Eur Heart J* 2007 Abstr. Suppl 28; 604
58. Cadeddu C, Piras A, Dessi M, Deidda M, Massa E, Mantovani G, Mercurio G Low doses of epirubicin induce subclinical systolic dysfunction without changes of biochemical markers *Eur Heart J* 2007 Abstr. Suppl 28; 367-368
59. Piras A, Cadeddu Dessalvi C, Dessi M, Deidda M, Madeddu C, Massa E, Mantovani G, Mercurio G Early Strain Rate impairment during treatment with epirubicin is associated with high levels of reactive oxygen species *Eur Heart J* 2007 Abstr. Suppl 28; 472-473
60. G. Mantovani, C. Cadeddu, A. Piras, M. Dessi, C. Madeddu, M. Deidda, R. Serpe, E. Massa, G. Mercurio. Early Epirubicin induced myocardial dysfunction revealed by serial tissue doppler echocardiography: correlation with inflammatory and oxidative stress markers. *European Journal of Cancer* 2007 ;Vol 5, No 4,page 169
61. G. Mantovani, C. Cadeddu, A. Piras, M. Dessi, C. Madeddu, M. Deidda, R. Serpe, E. Massa, G. Mercurio. Early Epirubicin induced myocardial dysfunction revealed by serial tissue doppler echocardiography: correlation with inflammatory and oxidative stress markers. *Annals of Oncology* 2007 October; Supplement 11; D16
62. Mercurio G, Cadeddu C., Piras A, Dessi M, Madeddu, Deidda M, Serpe R, Massa E, Mantovani G. Early Epirubicin-Induced Myocardial Dysfunction Revealed by Serial Tissue Doppler Echocardiography: Correlation with Inflammatory and Oxidative Stress Markers. *THE ONCOLOGIST* (2007) vol. 12, pp. 1124-1133
63. C. Cadeddu, A. Piras, M. Dessi, M. Deidda, E. Massa, C. Madeddu, G. Mantovani, G. Mercurio. Early Strain Rate impairment during epirubicin treatment correlate with markers of inflammation and oxydative stress. *Circulation* 2007; 116: Il 402
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