

PUBLICATIONS LIST

ORIGINAL PAPERS IN PEER REVIEWED-JOURNALS

1. Myocardial Contraction Fraction Derived from Cardiovascular Magnetic Resonance Cine Images – Reference Values and Performance in Patients with Heart Failure and Left Ventricular Hypertrophy. **ARENJA N**, FRITZ T, ANDRE F, RIFFEL J, AUS DEM SIEPEN F, OCHS M, HEGENBART U, SCHOENLAND S, MUELLER-HENNESSEN M, GIANNITSIS E, KRISTEN A, KATUS H, FRIEDRICH M, BUSS S. *Eur Heart J Cardiovasc Imaging*. 2017 Dec 1;18(12):1414-1422.
2. Regional differences in prognostic value of cardiac valve plane displacement in systemic light-chain amyloidosis. Ochs MM, Fritz T, **ARENJA N**, RIFFEL J, ANDRE F, MERELES D, SIEPEN FAD, HEGENBART U, SCHÖNLAND S, KATUS HA, FRIEDRICH MGW, BUSS SJ. *J Cardiovasc Magn Reson*. 2017 Nov 9;19(1):87.
3. Diagnostic and Prognostic value of Long Axis Strain and Myocardial Contraction Fraction using Standard Cardiac Magnetic Resonance in Patients with Non-Ischemic Dilated Cardiomyopathies. **ARENJA N**, RIFFEL JH, FRITZ T, ANDRE F, AUS DEM SIEPEN F, MUELLER-HENNESSEN M, GIANNITSIS E, KATUS HA, FRIEDRICH MG, BUSS SJ. *Radiology*. 2017 Jun;283(3):681-691.
4. The Prognostic Value of Right Ventricular Long Axis Strain in Non-Ischemic Dilated Cardiomyopathy using Standard Cardiac Magnetic Resonance Imaging. **ARENJA N**, RIFFEL J, HALDER M, DJIOUKOU C, FRITZ T, ANDRE F, AUS DEM SIEPEN F, THOMA Z, MEDER B, KAYVANPOUR E, KOROSOGLOU G, KATUS H, BUSS S. *Eur Radiol*. 2017 Sep;27(9):3913-3923.
5. Right Ventricular Long Axis Strain - Validation of a Novel Parameter in Non-ischemic Dilated Cardiomyopathy using Standard Cardiac Magnetic Resonance Imaging. **ARENJA N**, RIFFEL J, DJIOUKOU C, ANDRE F, FRITZ T, HALDER M, THOMA Z, KRISTEN A, KOROSOGLOU G, KATUS H, BUSS S. *Eur J Radiol*. 2016 Jul;85(7):1322-8.
6. Left Ventricular Long Axis Strain: A new Prognosticator in Non-Ischemic Dilated Cardiomyopathy? RIFFEL JH, KELLER MG, ROST F, **ARENJA N**, ANDRE F, AUS DEM SIEPEN F, FRITZ T, EHLERMANN P, TAEGER T, FRANKENSTEIN L, MEDER B, KATUS HA, BUSS SJ. *J CARDIOVASC MAGN RESON*. 2016 JUN 7;18(1):36.
7. Comparison of Different Approaches to Atrioventricular Junction Ablation and Pacemaker Implantation in Patients with Atrial Fibrillation. **ARENJA N.**, KNCHT S., SCHAER B., REICHLIN T, PAVLOVIC N., OSSWALD S., STICHERLING C., KÜHNE M. *Pacing Clin Electrophysiol*. 2014 Dec;37(12):1686-93.
8. Incremental Value of Multiplex Real-time PCR for the early Diagnosis of Sepsis in the Emergency Department. SCHAUB N, BOLDANOVA T, NOVEANU M, **ARENJA N**, HERMANN H, TWERENBOLD R, FREI R, BINGISSER R, TRAMPUZ A, MUELLER C. *SWISS MED WKLY*. 2014 FEB 4;144.
9. Cardiovascular Management of Cancer Patients with Chemotherapy-associated Left Ventricular Systolic Dysfunction in real-world Clinical Practice. AMMON M, **ARENJA N**, LEIBUNDGUT G, BUECHEL RR, KUSTER GM, KAUFMANN BA, PFISTER O. *J CARD FAIL*. 2013 SEP;19(9):629-34.
10. Prevalence, Extent, and Independent Predictors of Silent Myocardial Infarction. **ARENJA N**, MUELLER C, EHL N.F, BRINKERT M, ROOST K, REICHLIN T, SOU SM, HOCHGRUBER T, OSSWALD S, ZELLWEGER M. *Am J Med*. 2013 Apr 15. Impact factor: 5.3

11. Pathophysiology of Lower Extremity Edema in Acute Heart Failure revisited. BREIDTHARDT T, IRFAN A, KLIMA T, DREXLER B, BALMELLI C, **ARENJA N**, SOCRATES T, RINGGER R, HEINISCH C, ZILLER R, SCHIFFERLI J, MEUNE C, MUELLER C. *AM J MED.* 2012 Nov;125(11):1124.e1-1124.
12. B-type Natriuretic Peptide in the Evaluation and Management of Dyspnoea in Primary Care. BURRI E, HOCHHOLZER K, **ARENJA N**, MARTIN-BRASCHLER H, KAESTNER L, GEKELER H, HATZIISAAC T, BÜTTIKER M, FRÄULIN A, POTOCKI M, BREIDTHARDT T, REICHLIN T, SOCRATES T, TWERENBOLD R, MUELLER C. *J INTERN MED.* 2012 Nov;272(5):504-13.
13. Plasma Neutrophil Gelatinase-associated Lipocalin for the Prediction of Acute Kidney Injury in Acute Heart Failure. BREIDTHARDT T, SOCRATES T, DREXLER B, NOVEANU M, HEINISCH C, **ARENJA N**, KLIMA T, ZÜSLI C, REICHLIN T, POTOCKI M, TWERENBOLD R, STEIGER J, MUELLER C. *CRIT CARE.* 2012 JAN 7;16(1):R2.
14. Direct Comparison of three Natriuretic Peptides for Prediction of Short- and Long-term Mortality in Patients with Community-acquired Pneumonia. NOWAK A, BREIDTHARDT T, CHRIST-CRAIN M, BINGISSER R, MEUNE C, TANGLAY Y, HEINISCH C, REITER M, DREXLER B, **ARENJA N**, TWERENBOLD R, STOLZ D, TAMM M, MÜLLER B, MÜLLER C. *CHEST.* 2012 APR;141(4):974-82.
15. Sensitive Cardiac Troponin in the Diagnosis and Risk Stratification of Acute Heart Failure. **ARENJA N**, REICHLIN T, DREXLER B, HAAF P, POTOCKI M, BREIDTHARDT T, NOVEANU M, HEINISCH C, TWERENBOLD R, SOCRATES T, MUELLER. C. *J Intern Med.* 2011 Oct 11. Impact factor: 5.5
16. Risk Stratification for 1-year Mortality in Acute Heart Failure: Classification and Regression Tree Analysis. **ARENJA N**, BREIDTHARDT T, SOCRATES T, SCHINDLER C, HEINISCH C, TSCHUNG C, POTOCKI M, GUALANDRO D, MUELLER C. *Swiss Med Wkly.* 2011 Oct 9;141.
17. Quantifying Cardiac Hemodynamic Stress and Cardiomyocyte Damage in Ischemic and Nonischemic Acute Heart Failure. DREXLER B, HEINISCH C, BALMELLI C, LASSUS J, SIIRILÄ-WARIS K, **ARENJA N**, SOCRATES T, NOVEANU M, POTOCKI M, MEUNE C, HAAF P, DEGEN C, BREIDTHARDT T, REICHLIN T, NIEMINEN MS, VELI-PEKKA H, OSSWALD S, MUELLER C. *CIRC HEART FAIL.* 2012 JAN;5(1):17-24.
18. Effect and Clinical Prediction of Worsening Renal Function in Acute Decompensated Heart Failure. BREIDTHARDT T, SOCRATES T, NOVEANU M, KLIMA T, HEINISCH C, REICHLIN T, POTOCKI M, NOWAK A, TSCHUNG C, **ARENJA N**, BINGISSER R, MUELLER C. *AM J CARDIOL.* 2011 MAR 1;107(5):730-5.
19. Direct Comparison of Serial B-type Natriuretic Peptide and NT-proBNP Levels for Prediction of Short- and Long-term Outcome in Acute Decompensated Heart Failure. NOVEANU M, BREIDTHARDT T, POTOCKI M, REICHLIN T, TWERENBOLD R, UTHOFF H, SOCRATES T, **ARENJA N**, REITER M, MEISSNER J, HEINISCH C, STALDER S, MUELLER C. *CRIT CARE.* 2011;15(1):R1.
20. Copeptin and Risk Stratification in Patients with Acute Dyspnea. POTOCKI M, BREIDTHARDT T, MUELLER A, REICHLIN T, SOCRATES T, **ARENJA N**, REITER M, MORGENTHALER NG, BERGMANN A, NOVEANU M, BUSER PT, MUELLER C. *CRIT CARE.* 2010;14(6):R213.
21. Central Venous Pressure and Impaired Renal Function in Patients with Acute Heart Failure. UTHOFF H, BREIDTHARDT T, KLIMA T, ASCHWANDEN M, **ARENJA N**, SOCRATES T, HEINISCH C, NOVEANU M, FRISCHKNECHT B, BAUMANN U, JAEGER KA, MUELLER C. *EUR J HEART FAIL.* 2011 APR;13(4):432-9.

22. Interleukin Family Member ST2 and Mortality in Acute Dyspnoea. SOCRATES T, DEFILIPPI C, REICHLIN T, TWERENBOLD R, BREIDHARDT T, NOVEANU M, POTOCKI M, REITER M, **ARENJA N**, HEINISCH C, MEISSNER J, JAEGER C, CHRISTENSON R, MUELLER C. *J INTERN MED*. 2010 Nov;268(5):493-500.
23. Use of B-type Natriuretic Peptide to Predict Blood Pressure Improvement after Percutaneous Revascularisation for Renal Artery Stenosis. STAUB D, ZELLER T, TRENK D, MAUSHART C, UTHOFF H, BREIDHARDT T, KLIMA T, ASCHWANDEN M, SOCRATES T, **ARENJA N**, TWERENBOLD R, RASTAN A, SIXT S, JACOB AL, JAEGER KA, MUELLER C. *EUR J VASC ENDOVASC SURG*. 2010 Nov;40(5):599-607.
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26. Novelties in the Early Management of Acute Heart Failure Syndromes. SALEM R, SIBELLAS F, SOCRATES T, **ARENJA N**, YILMAZ MB, MUELLER C, MEBAZAA A. *SWISS MED WKLY*. 2010 JUL 22;140:w13031.
27. Central Venous Pressure at Emergency Room Presentation Predicts Cardiac Rehospitalization in Patients with Decompensated Heart Failure. UTHOFF H, THALHAMMER C, POTOCKI M, REICHLIN T, NOVEANU M, ASCHWANDEN M, STAUB D, **ARENJA N**, SOCRATES T, TWERENBOLD R, MUTSCHMANN-SANCHEZ S, HEINISCH C, JAEGER KA, MEBAZAA A, MUELLER C. *EUR J HEART FAIL*. 2010 MAY;12(5):469-76.
28. Copeptin Response to Clinical Maximal Exercise Tests. MAEDER MT, STAUB D, BRUTSCHE MH, **ARENJA N**, SOCRATES T, REITER M, MEISSNER J, MORGENTHALER NG, BERGMANN A, STRUCK J, MUELLER C. *CLIN CHEM*. 2010 APR;56(4):674-6.
29. B-type Natriuretic Peptide in Children: Step by Step. SOCRATES T, **ARENJA N**, MUELLER C. *J AM COLL CARDIOL*. 2009 OCT 6;54(15):1476-7.

REVIEW ARTICLE

1. Assessment of Longitudinal Shortening in Cardiomyopathies with Cardiac Magnetic Resonance. **ARENJA N**, RIFFEL J, ANDRE F, KATUS H A, BUSS S J. *CURR CARDIOVASC IMAGING REP* (2017) 10: 30.
2. Current Indications for an Implantable Cardioverter Defibrillator (ICD)]. **ARENJA N**, SCHAER B, STICHERLING C, KÜHNE M. *Therapeutische Umschau* 2014; 71: 111-116.
3. Klinik und EKG bei Herzrhythmusstörungen. **ARENJA N**, CRON T, SCHAER B, KÜHNE M. *Schweiz Med Forum* 2013;13(12):241–247.
4. Vasopressin-Antagonisten bei Herzinsuffizienz: Diuretika oder mehr? **ARENJA N**, MUELLER C. *Universimed.com März 2010*.
5. Use of B-type Natriuretic Peptide in Clinical Practice. **ARENJA N**, SOCRATES T, MUELLER C. *Healthcare Bulletin* 2009.

BOOK CHAPTER

1. Current pathophysiological and genetic aspects of dilated cardiomyopathy. Visions of Cardiomyocyte - Fundamental Concepts of Heart Life and Disease. SCHILD D, RICCIARDI S, HELLIGE J G, VOGEL R, ARENJA N. In print.
2. Acute Dyspnoea. The ESC Textbook of Intensive and Acute Cardiac Care. ARENJA N, SOCRATES T, MUELLER C. *Oxford University Press 2011. Chapter 7.*

CASE REPORTS

1. Chagas' Heart Disease- A rare cause of dilated cardiomyopathy in Europe: a case report. SCHILD D, FANKHAUSER R, ARENJA N, NOVAK J. *CARDIOVASC MED.* 2018;21(12):316-321.
2. Acute anterior myocardial infarction after rituximab. ARENJA N, ZIMMERLII L, URBANIAK P, VOGEL R. *DTSCH MED WOCHENSCHR.* 2016 APR;141(7):500-3.