

# Cardiology

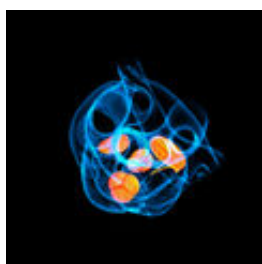
## Myocardial Diseases



- Clinical course of echocardiographic and cardiopulmonary parameters in patients suffering from myocarditis
- Gender-dependent influences on hypertrophic obstructive cardiomyopathy vs. hypertrophic non-obstructive cardiomyopathy – a multicentre study
- Determinants of survival after percutaneous transluminal septal myocardial ablation (PTSMA) in patients with HOCM – a long-term follow-up study
- Incidence of takotsubo syndrome in patients with instable angina pectoris and normal coronary status – consecutive data collection over a period of 5 years
- Follow-up study of patients with severely reduced left ventricular function suffering from myocarditis – randomized comparison of treatment with interferon vs. conventional medication
- Prognostic impact of new biomarkers (GDF-15, ST2, hsTNT, sFLT1, PLGF, P1NP, PAPP-A, Endostatin, sFRP3, IGFBP-7, Mimecan, Biglycan, IGF-1, Leptin, Adiponectin, Osteopontin, Galectin-2) in diastolic heart failure
- Implementation of guide lines in medical treatment of patients with chronic heart failure
- Significance of electric muscle stimulation in treatment of chronic cardiac insufficiency
- Prognostic impact of neurohumoral parameters in patients with cardiac insufficiency
- Sensitivity and specificity of CTproAVP and NTproBNP in patients with left ventricular dysfunction
- Prognostic value of lactate and lactate clearance in cardiogenic shock
- NTproBNP in patients with end stage coronary heart disease and manifest heart failure – comparison of outcome in conventional therapy vs. CABG

[top](#)

## Cardiac valve diseases / Pericardial Diseases / Heart Tumors / Congenital Heart Defects

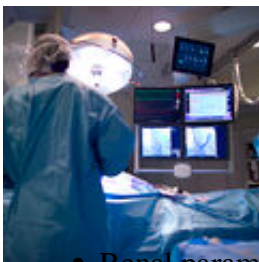


- Modification of the Wilkins score to optimize results after percutaneous mitral valve repair – analysis including 300 patients

- Long-term results after percutaneous mitral valve repair
- Performance after percutaneous mitral valve repair – a meta analysis
- Percutaneous mitral valve repair by clips – comparison of two Systems
- Clinical course after mitral valve reconstruction with mitral clip technique – a follow-up study
- Prognosis of patients suffering from high-grade valvular aortic stenosis after TAVI (Transcatheter-aortic valve - implantation)
- Echocardiographic parameters before and after TAVI (Transcatheter-aortic valve - implantation)
- Impact of TAVI (Transcatheter-aortic valve - implantation) on atrio-ventricular nervous conduction
- Outcome after 6 months and hemodynamic parameters before and after TAVI (Transcatheter-aortic valve - implantation)
- First in men application of TAVI (Transcatheter-aortic valve - implantation)
- Prognosis and quality of life after TAVI (Transcatheter-aortic valve - Implantation)
- Description of results after the first TAVI interventions in a university heart centre
- Outcome and complications after transapical TAVI – comparison of periods 2009 – 2013 vs. 2014 – 2017
- Speckle tracking analysis of the left ventricular function before and after TAVI (Transcatheter-aortic valve - implantation)
- Anticoagulation after prosthetic or biological cardiac valve replacement – risk factors for haemorrhages and heart valve thromboses
- Intrahospital mortality in patients after mechanic tricuspidal valve placement
- Comparison of tricuspid valve replacement vs. tricuspid valve reconstruction – indication and long-term follow-up
- Etiology and different treatment of tricuspid valve insufficiency
- Anticoagulation in patients with complex congenital heart defects
- Effectivity and haemorrhagic risk of new oral anticoagulants (NOAC) in patients with congenital heart defects
- Long term follow-up in congenital heart defects – a multicenter study
- Comparison of long-term follow-up after ASD closure with different devices

[top](#)

## Coronarangiography and Interventional Cardiology



- Renal parameters before and after coronary angiography in patients with chronic renal insufficiency with vs. without ACC pre-treatment
- Comparison of the effectiveness of several treatment strategies to avoid contrast agent nephropathy following contrast agent administration
- Comparison of plaque components in significant coronary stenoses in patients with vs. without renal insufficiency
- Neurohumoral, haemodynamic and angiographic parameters as perioperative screening in heart

surgery: Which variables prove the best predictive value?

- Influence of polymorphisms on the restenosis rate after coronary stent implantation
- Comparison of restenosis rate after PCI – randomized comparison of stent implantation vs. conventional PCI without stents
- Re-opening of chronic occlusive vene grafts – long-term outcome in BMS vs. DES
- Mortality in the acute coronary syndrome – analysis of patient-independent and coronary risk factors
- Improvement of outcome after introducing the 24-h-PCI standby – can a reduction of primary end points be proven?
- Factors influencing mortality in acute STEMI - analysis of regional and socioeconomic factors
- Comparison of implementation of NSTEMI guidelines in a university clinic cardiology vs. a communal hospital – comparison of laboratory courses, times of intervention and outcome
- Influence of rescue PCI's in acute myocardial infarction on quality of life in patients aged  $\leq 75$  years vs.  $> 75$  years
- Analysis of MACE events in STEMI – which prognostic value has the TIMI score?
- Influence of inflammatory parameters and activation of coagulation system on restenosis after coronary stent implantation
- One-year follow-up after occlusion of a persisting PFO by catheter insertion

[top](#)

## Electrophysiology / Rhythmology



- Ventricular tachycardia in patients suffering from left ventricular dysfunction: Influence of central and obstructive sleep apnoea syndrome
- Improvement of position of left ventricular pacemaker lead in cardiac resynchronisation systems by electrophysiological examinations in patients with dilated cardiomyopathy
- Influence of age and gender on ECG changes in the Brugada syndrome
- Sensitivity and specificity of ECG and Body Surface Potential Mapping in the diagnosis of left ventricular hypertrophy
- Comparison of electrocardiographic and haemodynamic parameters in different pacemaker programmings in patients with 3rd degree AV blocks
- Pacemaker implants in babies and toddlers – indications, long-term outcomes, revisions and complications
- Sensitivity and specificity of transesophageal echocardiography in diagnosis of endocarditis of the pacemaker lead
- Aetiology and complications in probe extractions of cardiac pacemakers and cardioverter/defibrillator
- Long-term evaluation of patients suffering from cardiac insufficiency undergoing cardiac resynchronisation therapy

- Increase of neurohumoral parameters and BNP after implantation of pacemaker devices – is an implantation associated with cardiac impairment?
- Indicators for implantation of a defibrillator in patients suffering from cardiac insufficiency – how well-informed are GPs?
- Safety and clinical usefulness of a new implantable cardioverter/defibrillator
- Prognostic impact of ventricular arrhythmia diagnosed by long-term ECG in patients with implanted cardioverter/defibrillator
- Risk factors for recurrence after electric cardioversion of atrial fibrillation (AF) – generation of a multivariate model and validation in a prospective study
- Prognostic value of an a-wave after electric cardioversion
- Predictor for successful pulmonary vein isolations in persisting AF
- Long-term follow-up of patients with intraoperative ablation of AF – first experiences
- Cryoablation in atrial fibrillation – a case-control study
- Comparison of anticoagulation with NOACs vs. Marcumar in non-valvular atrial fibrillation regarding the bleeding rates and major complications – a multinational register with 2,500 patients
- Patient characteristics, procedural parameters and acute outcomes in atrial fibrillation ablation guided by focal impulse and rotor mapping: results from the E-FIRM Registry
- Randomized Evaluation of Redo Ablation Procedures of Atrial Fibrillation with Focal Impulse and Rotor Modulation Guided Procedures
- Questionnaire regarding the level of knowledge of the CHADS criteria in GPs and cardiologists
- Level of knowledge regarding the CHA<sub>2</sub>DS<sub>2</sub>-VASc, HAS-BLED and new oral anticoagulants (NOAC) – a follow-up study

[top](#)

## Conventional Cardiology / Prevention / Basic Research



- Validity of the AGE-measured value in the early diagnosis of cardiovascular Events
- Central venous oxygen saturation as predictor of cardiac function
- Side-dependent differences of the diastolic and systolic blood pressure – comparison of invasive vs. conventional measurement
- Case series with new omega-3 fatty acid: Compound's influence on the lipid status in patients suffering from HLP
- Effectiveness of lipid apheresis in patients with CHD and therapy-refractory HLP – study covering a period of 17 years
- Successful H.E.L.P. therapy in isolated Lp(a) increase
- Influence of an isolated LP(a) increase on the coronary status
- Significance of hypercholesterinaemia in additional Lp(a) increase for the prevalence of CHD
- Reference value determination of the LP(a) regarding an increased prevalence of CHD
- Exploration of the effects caused by slightly, moderate or severe enhanced Lp(a) on coronary

arteries

- Independent clinical and laboratory chemical influences on Lp(a) - which therapeutic approaches are identifiable?
- Significance of the Marburg-I and Marburg-II mutation on the prevalence of the CHD
- Sensitivity and specificity of laboratory and inflammatory markers as well as of exercise tests to diagnose CHD
- Diagnostic methods in evaluation of CAD – value of exercise electrocardiography and stress echocardiography
- Sensitivity and specificity of Copeptin in ruling out acute myocardial infarctions
- Implementation of new biomarkers in cardiac infarction diagnostics
- Perioperative bridging therapy with low-molecular-weight heparin in patients with AF – a retrospective study
- Bridging therapy with low-molecular-weight heparin in cardiac patients – a prospective multi-center study including 2000 patients
- Correlation between PROCAM Score, body dimensions and anamnestic parameters – creation and validation of a revised score
- Education and prevention in patients with arterial hypertension – a large national survey
- Predictive value of ECG to identify diastolic heart failure

[top](#)