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### **Homepage**

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### **Units**

Kardiologie

### **Profile Function**

attending physician mbF

## Publications (46)

Maeder M, Weber L, Pohle S, Chronis J, Baty F, Rigger J, Brutsche M, Haager P, Rickli H, Brenner R. Impact of the 2022 pulmonary hypertension definition on haemodynamic classification and mortality in patients with aortic stenosis undergoing valve replacement. *Eur Heart J Open* 2024; 4:oeae037.

Breuss A, Porsch M, Aschmann A, Weber L, Appert S, Haager P, Weilenmann D, Wildermuth S, Rickli H, Maeder M. Pleural effusion in severe aortic stenosis: marker of an adverse haemodynamic constellation and poor prognosis. *ESC Heart Fail* 2024

Breuss A, Aschmann A, Porsch M, Weber L, Appert S, Haager P, Weilenmann D, Wildermuth S, Rickli H, Maeder M. Pulmonary Congestion by Conventional Chest Radiography: Relationship With Hemodynamics and Mortality in Patients With Severe Aortic Stenosis. *CJC Open* 2023; 5:938–946.

Seidl S, Rigger J, Chronis J, Rohner F, Jörg L, Haager P, Ammann P, Weilenmann D, Rogowski S, Rickli H, Maeder M. Long-term follow-up of medically treated patients with spontaneous coronary artery dissection: a prospective, Swiss single-centre cohort study. *Swiss Med Wkly* 2021; 151:w30067.

Weber L, Ehl N, Buser M, Rigger J, Chronis J, Weilenmann D, Jörg L, Haager P, Rickli H, Maeder M. Hemodynamics Prior to Valve Replacement for Severe Aortic Stenosis and Pulmonary Hypertension during Long-Term Follow-Up. *J Clin Med* 2021; 10

Maeder M, Haager P, Rigger J, Chronis J, Joerg L, Hochholzer D, Weilenmann D, Seidl S, Weber L, Rickli H. Wedge Pressure vs Left Ventricular End-Diastolic Pressure for Pulmonary Hypertension Classification and Prognostication in Severe Aortic Stenosis. *CJC Open* 2021; 3:1428–1437.

Tagliari A, Maisano F, Blöchlinger S, Khattab A, Jörg L, Gennari M, Gavazzoni M, Vicentini L, Schmiady M, Haager P, Ferrari E, Taramasso M. Feasibility and Safety of Cerebral Embolic Protection Device Insertion in Bovine Aortic Arch Anatomy. *J Clin Med* 2020; 9

Maeder M, Rigger J, Chronis J, Ammann P, Rohner F, Jörg L, Haager P, Weilenmann D, Weber L, Rickli H. Impact of a volume challenge on haemodynamics and prognosis in patients with severe aortic stenosis. *ESC Heart Fail* 2020

Tagliari A, Maisano F, Gennari M, Rickli H, Jörg L, Zuber M, Pozzoli A, Russo G, Haager P, Gavazzoni M, Miura M, Taramasso M. Bioprosthetic or native aortic scallop intentional laceration to prevent iatrogenic coronary artery obstruction technique in transcatheter aortic valve-in-valve procedures: a single-center initial experience. *J Cardiovasc Med (Hagerstown)* 2020

Weber L, Maisano F, Haager P, Buser M, Ehl N, Brenner R, Taramasso M, Ammann P, Rickli H, Maeder M. Hemodynamic profile of patients with severe aortic valve stenosis and atrial fibrillation versus sinus rhythm. *Int J Cardiol* 2020

Maeder M, Maisano F, Ehl N, Buser M, Taramasso M, Jörg L, Haager P, Weilenmann D, Weber L, Rickli H. Invasive Hemodynamic Staging Classification of Cardiac Damage in Patients With Aortic Stenosis Undergoing Valve Replacement. *Can J Cardiol* 2020

Maeder M, Maisano F, Haager P, Brenner R, Gerhard M, Ehl N, Buser M, Ammann P, Weber L, Rickli H. Relationship between B-type natriuretic peptide and invasive haemodynamics in patients with severe aortic valve stenosis. *ESC Heart Fail* 2020

Pozzoli A, Taramasso M, Haager P, Miura M, Gülmez G, Lin S, Gavazzoni M, Rickli H, Maisano F. Clinical Outcomes in Patients with Severe Aortic Valve Stenosis Treated with a Portico Transcatheter Aortic Valve System. *Surg Technol Int* 2019; 34:331-338.

Weber L, Maisano F, Baier P, Taramasso M, Brenner R, Weilenmann D, Jörg L, Haager P, Rickli H, Maeder M. Haemodynamic mechanisms and long-term prognostic impact of pulmonary hypertension in patients with severe aortic stenosis undergoing valve replacement. *Eur J Heart Fail* 2018

Maeder M, Weber L, Buser M, Gerhard M, Haager P, Maisano F, Rickli H. Pulmonary Hypertension in Aortic and Mitral Valve Disease. *Front Cardiovasc Med* 2018; 5:40.

Rickli H, Haager P, Gnehm P, Wilhelm M. Ride to Barcelona. *Eur Heart J* 2018; 39:341-344.

Taramasso M, Nietlispach F, Kottwitz J, Rodriguez Cetina Bieffer H, Sütsch G, Haager P, Rickli H, Kuwata S, Denegri A, Maisano F. Feasibility and safety of transfemoral sheathless portico aortic valve implantation: Preliminary results in a single center experience. *Catheter Cardiovasc Interv* 2017; 91:533-539.

Frank R, Lanzmich R, Haager P, Budde U. Severe Aortic Valve Stenosis: Sustained Cure of Acquired von Willebrand Syndrome After Surgical Valve Replacement. *Clin Appl Thromb Hemost* 2016

Rogowski S, Maeder M, Weilenmann D, Haager P, Ammann P, Rohner F, Jörg L, Rickli H. Spontaneous Coronary Artery Dissection: Angiographic Follow-Up and Long-Term Clinical Outcome in a Predominantly Medically Treated Population. *Catheter Cardiovasc Interv* 2015

Schwarz E, Gupta R, Haager P, vom Dahl J, Klues H, Minartz J, Uretsky B. Myocardial bridging in absence of coronary artery disease: proposal of a new classification based on clinical-angiographic data and long-term follow-up. *Cardiology* 2009; 112:13-21.

Hoffmann R, Haager P, Suliman H, Christott P, Radke P, Blindt R, Kelm M. Effect of statin therapy before Q-wave myocardial infarction on myocardial perfusion. *The American journal of cardiology* 2008; 101:139-43.

Blank R, Haager P, Maeder M, Genoni M, Rickli H. Giant right coronary artery aneurysm. *The Annals of thoracic surgery* 2007; 84:1740-2.

Hoffmann R, Hanrath P, Blindt R, Ortlepp J, Radke P, Lepper W, Christott P, Haager P, Suliman H, Weber C. Association of C-reactive protein and myocardial perfusion in patients with ST-elevation acute myocardial infarction. *Atherosclerosis* 2006; 186:177-83.

Iofina E, Radke P, Skurzewski P, Haager P, Blindt R, Koch K, Hanrath P, vom Dahl J, Hoffmann R. Superiority of sirolimus eluting stent compared with intracoronary beta radiation for treatment of in-stent restenosis: a matched comparison. *Heart (British Cardiac Society)* 2005; 91:1584-9.

Niedeggen A, Skobel E, Haager P, Lepper W, Mühler E, Franke A. Comparison of the 6-minute walk test with established parameters for assessment of cardiopulmonary capacity in adults with complex congenital cardiac disease. *Cardiology in the young* 2005; 15:385-90.

Iofina E, Haager P, Radke P, Langenberg R, Blindt R, Ortlepp J, Kühl H, Hanrath P, Hoffmann R. Sirolimus- and paclitaxel-eluting stents in comparison with balloon angioplasty for treatment of in-stent restenosis. *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions* 2005; 64:28-34.

Hoffmann R, Weber C, Langenberg R, Franke A, Iofina E, Blindt R, Haager P, Ortlepp J, Radke P, Hanrath P. Intravascular ultrasonic comparative analysis of degree of intimal hyperplasia produced by four different stents in the coronary arteries. *The American journal of cardiology* 2004; 94:1548-50.

Radke P, Voswinkel M, Reith M, Kaiser A, Haager P, Hanrath P, Hoffmann R. Relation of fasting insulin plasma levels to restenosis after elective coronary stent implantation in patients without diabetes mellitus. *The American journal of cardiology* 2004; 93:639-41.

Hoffmann R, Haager P, Arning J, Christott P, Radke P, Blindt R, Ortlepp J, Lepper W, Hanrath P. Usefulness of myocardial blush grade early and late after primary coronary angioplasty for acute myocardial infarction in predicting left ventricular function. *The American journal of cardiology* 2003; 92:1015-9.

Hoffmann R, Haager P, Lepper W, Franke A, Hanrath P. Relation of coronary flow pattern to myocardial blush grade in patients with first acute myocardial infarction. *Heart (British Cardiac Society)* 2003; 89:1147-51.

Haager P, vom Dahl J, Klues H, Radke P, Hoffmann R, Horn B, Reineke T, di Mario C, Dietz U, Mudra H, Bedossa M, Garcia E, Buettner H, Schiele F, ARTIST Investigators. Insufficient tissue ablation by rotational atherectomy leads to worse long-term results in comparison with balloon angioplasty alone for the treatment of diffuse in-stent restenosis: insights from the intravascular ultrasound substudy of the ARTIST randomized multicenter trial. *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions* 2003; 60:25-31.

Haager P, Christott P, Heussen N, Lepper W, Hanrath P, Hoffmann R. Prediction of clinical outcome after mechanical revascularization in acute myocardial infarction by markers of myocardial reperfusion. *Journal of the American College of Cardiology* 2003; 41:532-8.

Radke P, Blindt R, Haager P, vom Dahl J. Rotational atherectomy for the treatment of in-stent restenosis. *Minerva cardioangiologica* 2002; 50:555-63.

Hoffmann R, vom Dahl J, Mudra H, Beythien C, Gross M, Grube E, Bozoglu T, Haager P, Mintz G, Hanrath P. Relation of stent design and stent surface material to subsequent in-stent intimal hyperplasia in coronary arteries determined by intravascular ultrasound. *The American journal of cardiology* 2002; 89:1360-4.

vom Dahl J, Reineke T, Hoffmann R, Hamm C, Cattelaens N, Kromer E, Beythien C, Gross M, Grube E, Haager P, Klues H. Effects of gold coating of coronary stents on neointimal proliferation following stent implantation. *The American journal of cardiology* 2002; 89:801-5.

vom Dahl J, Reineke T, Hoffmann R, Hamm C, Garcia E, Ramsdale D, Commeau P, Thomas M, Schiele F, Buettner H, Niccoli L, Silber S, Haager P, Dietz U, Klues H. Rotational atherectomy does not reduce recurrent in-stent restenosis: results of the angioplasty versus rotational atherectomy for treatment of diffuse in-stent restenosis trial (ARTIST). *Circulation* 2002; 105:583-8.

Hoffmann R, Haager P, Mintz G, Kerckhoff G, Schwarz R, Franke A, vom Dahl J, Hanrath P. The impact of high pressure vs low pressure stent implantation on intimal hyperplasia and follow-up lumen dimensions; results of a randomized trial. *European heart journal* 2001; 22:2015-24.

Hoffmann R, Jansen C, König A, Haager P, Kerckhoff G, vom Dahl J, Klauss V, Hanrath P, Mudra H. Stent design related neointimal tissue proliferation in human coronary arteries; an intravascular ultrasound study. *European heart journal* 2001; 22:2007-14.

Haager P, Schwarz E, vom Dahl J, Klues H, Reffelmann T, Hanrath P. Long term angiographic and clinical follow up in patients with stent implantation for symptomatic myocardial bridging. *Heart (British Cardiac Society)* 2000; 84:403-8.

Hoffmann R, Haager P, Mintz G, Klues H. Mechanical properties and imaging characteristics of remanufactured intravascular ultrasound catheters. *International journal of cardiac imaging* 2000; 16:23-7.

Vazquez-Jimenez J, Haager P, Genius M, Eblenkamp M, Klues H, Hanrath P, Messmer B. Anomalous origin of the left main coronary artery from the right aortic sinus with intramyocardial tunneling through the septum with free portion in the right ventricular cavity. *The Journal of thoracic and cardiovascular surgery* 1999; 118:963-5.

Radke P, Klues H, Haager P, Hoffmann R, Kastrau F, Reffelmann T, Janssens U, vom Dahl J, Hanrath P. Mechanisms of acute lumen gain and recurrent restenosis after rotational atherectomy of diffuse in-stent restenosis: a quantitative angiographic and intravascular ultrasound study. *Journal of the American College of Cardiology* 1999; 34:33-9.

vom Dahl J, Radke P, Haager P, Koch K, Kastrau F, Reffelmann T, Janssens U, Hanrath P, Klues H. Clinical and angiographic predictors of recurrent restenosis after percutaneous transluminal rotational atherectomy for treatment of diffuse in-stent restenosis. *The American journal of cardiology* 1999; 83:862-7.

Haager P, Klues H, Schmidt M, vom Dahl J, Hanrath P. Effect of nitroglycerin and nicorandil on regional poststenotic quantitative coronary blood flow in coronary artery disease: a combined digital quantitative angiographic and intracoronary doppler study. *Journal of cardiovascular pharmacology* 1999; 33:126-34.

Radke P, Messmer B, Haager P, Klues H. Anomalous origin of the right coronary artery: preoperative and postoperative hemodynamics. *The Annals of thoracic surgery* 1998; 66:1444-9.

Schwarz E, Haager P, Uebis R, Hanrath P, Klues H. Myocardial ischaemia in a case of a solitary coronary ostium in the right aortic sinus with retroaortic course of the left coronary artery: documentation of the underlying pathophysiological mechanisms of ischaemia by intracoronary Doppler and pressure measurements. *Heart (British Cardiac Society)* 1998; 80:307-11.

## Projects (3)

### **Vista Study**

*Clinical Studies - Oct 23, 2023 - Oct 30, 2030*

*Ongoing*

### **LVNC: Multicenter Registry for Left Ventricular Non-compaction Cardiomyopathy**

*Clinical Studies - Aug 18, 2014 - Mar 31, 2024*

*Completed*

### **RIVELA**

*Clinical Studies - Aug 16, 2012 - Aug 16, 2016*

*Aborted*

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