

## Publikationsliste

14.12.2022

### 1. Originalarbeiten

#### Originalarbeiten als Erstautorin

1. Continued non-vitamin K antagonist oral anticoagulants versus vitamin K antagonists during transcatheter aortic valve implantation.  
**Mangner N, Brinkert M, Keller LS, Moriyama N, Hagemeyer D, Haussig S, Crusius L, Kobza R, Abdel-Wahab M, Laine M, Stortecky S, Pilgrim T, Nietlispach F, Ruschitzka F, Thiele H, Toggweiler S, Linke A.**  
EuroIntervention. 2022 Nov 28:EIJ-D-22-00521. Online ahead of print.
2. Safety and efficacy of transcatheter aortic valve replacement with continuation of vitamin K antagonists or direct oral anticoagulants.  
**Brinkert M, Mangner N (geteilte Erstautorenschaft), Moriyama N, Keller L, Hagemeyer D, Crusius L, Lehnick D, Kobza R, Abdel-Wahab M, Laine M, Stortecky S, Pilgrim T, Nietlispach F, Ruschitzka F, Thiele H, Linke A, Toggweiler S**  
JACC Cardiovasc Interv. 2020 Dec 17:S1936-8798(20)32156-7 Online ahead of print.
3. Predictors of paravalvular leak following implantation of the ACURATE neo transcatheter heart valve: The PREDICT PVL study  
**Brinkert M, de Boeck B W. L., Stämpfli S F., Wolfrum M, Moccetti F, Attinger-Toller A, Bossard M, Cuculi F, Kobza R, Toggweiler S**  
Open Heart. 2020 Nov;7(2):e001391.
4. Relevance of New Conduction Disorders After Implantation of the ACURATE Neo Transcatheter Heart Valve in the Aortic Valve Position.  
**Brinkert M, Wolfrum M, Moccetti F, Bossard M, Berte B, Cuculi F, Kobza R, Toggweiler S.**  
Am J Cardiol. 2020 Mar 1;125(5):783-787.

5. Safety and Efficacy of Transcatheter Aortic Valve Replacement With Continuation of Oral Anticoagulation.  
**Brinkert M**, Keller LS, Moriyama N, Cuculi F, Bossard M, Lehnick D, Kobza R, Laine M, Nietlispach F, Toggweiler S.  
J Am Coll Cardiol. 2019 Apr 23;73(15):2004-2005, RL
6. Minimal use of contrast media in patients with severe chronic kidney disease undergoing transcatheter aortic valve implantation  
**Brinkert M**, de Boeck B, Petryka J, Buhmann R, Fornaro J, Weberndörfer V, Bossard M, Roos J, Cuculi F, Kobza R, Toggweiler S  
Cardiovascular Medicine, 2019 Feb 26, 22:w 02021
7. Transfemoral implantation of the ACURATE neo prosthesis using a low-profile expandable introducer system: A multicenter registry.  
Kim WK, **Brinkert M (geteilte Erstautorenschaft)**, Mangner N, Gatto F, Husser O, Renker M, Liebetrau C, Gasior T, Doss M, Walther T, Hamm C, Linke A, Toggweiler S, Möllmann H.  
Int J Cardiol. 2019 Apr 15; 281:76-81.
8. Incidence and Prognostic Implications of Late Bleeding After Myocardial Infarction or Unstable Angina According to Treatment Strategy.  
**Brinkert M**, Southern DA, James MT, Knudtson ML, Anderson TJ, Charbonneau F.  
Can J Cardiol. 2017 Aug;33(8):998-1005.
9. Regadenoson in Europe: first-year experience of regadenoson stress combined with submaximal exercise in patients undergoing myocardial perfusion scintigraphy.  
**Brinkert M**, Reyes E, Walker S, Latus K, Maenhout A, Mizumoto R, Nkomo C, Standbridge K, Wechalekar K, Underwood SR  
Eur J Nucl Med Mol Imaging. 2014 Mar;41(3):511-21.

## Originalarbeiten als Koautorin

10. Paravalvular Leak After Implantation of the ACURATE neo and the ACURATE neo2 Transcatheter Heart Valve.  
Toggweiler S, Brinkert M, Wolfrum M, Moccetti F, Stämpfli SF, De Boeck BWL, Magarzo G, Gassenmaier T, Attinger-Toller A, Bossard M, Fornaro J, Buhmann R, Cuculi F, Kobza R  
Cardiovasc Revasc Med. 2022 Dec;45:37-43.
11. Five-Year Outcomes With Biodegradable-Polymer Sirolimus-Eluting Stents Versus Durable-Polymer Everolimus-Eluting Stents in Patients With Acute Coronary Syndrome: A Subgroup Analysis of the BIOSCIENCE Trial  
Iglesias J F, Heg D, Roffi M, Degrauw S, Tüller D, Muller O, **Brinkert M**, Cook S, Weilenmann D, Kaiser C, Cuculi F, Valgimigli M, Jüni P, Windecker S, Pilgrim T  
Cardiovasc Revasc Med. 2022 Jan;34:3-10.
12. Increasing Mortality From Premature Coronary Artery Disease in Women in the Rural United States.  
Bossard M, Latifi Y, Fabbri M, Kurmann R, **Brinkert M**, Wolfrum M, Berte B, Cuculi F, Toggweiler S, Kobza R, Chamberlain AM, Moccetti F.  
J Am Heart Assoc. 2020 Apr 22:e015334.
13. Simplifying transfemoral ACURATE neo implantation using the TrueFlow nonocclusive balloon catheter.  
Toggweiler S, Loretz L, **Brinkert M**, Bossard M, Wolfrum M, Moccetti F, Berte B, Cuculi F, Kobza R.  
Catheter Cardiovasc Interv. 2020 Jan 23. 2020 Nov;96(6):E640-E645.
14. Valve-in-Valve Implantation Using the ACURATE Neo in Degenerated Aortic Bioprostheses: An International Multicenter Analysis.<sup>1</sup>  
Holzamer A, Kim WK, Rück A, Sathananthan J, Keller L, Cosma J, Bauer T, Nef H, Amat-Santos JJ, **Brinkert M**, Husser O, Pellegrini C, Schofer J, Nerla R, Montorfano M, Giannini F, Stella P, Kuwata S, Hilker M, Castriota F, Ussia GP, Webb JG, Nietlispach F, Toggweiler S.

JACC Cardiovasc Interv. 2019 Nov 25;12(22):2309-2316

15. A Controlled Trial of Rivaroxaban after Transcatheter Aortic-Valve Replacement.  
Dangas GD, Tijssen JGP, Wöhrle J, Søndergaard L, Gilard M, Möllmann H, Makkar RR, Herrmann HC, Giustino G, Baldus S, De Backer O, Guimarães AHC, Gullestad L, Kini A, von Lewinski D, Mack M, Moreno R, Schäfer U, Seeger J, Tchétché D, Thomitzek K, Valgimigli M, Vranckx P, Welsh RC, Wildgoose P, Volkl AA, Zazula A, van Amsterdam RGM, Mehran R, Windecker S; and GALILEO Investigators.  
**M Brinkert** as one of the GALILEO Investigators  
N Engl J Med. 2020 Jan 9;382(2):120-129
16. Insights From a Multidisciplinary Introduction of the MANTA Vascular Closure Device.<sup>1</sup>  
Moccetti F, **Brinkert M**, Seelos R, Ockert S, Bossard M, Cuculi F, Kobza R, Toggweiler S.  
JACC Cardiovasc Interv. 2019 Sep 9;12(17):1730-1736.
17. The Allegra transcatheter heart valve: European multicentre experience with a novel self-expanding transcatheter aortic valve.  
Cuevas O, Moreno R, Pascual-Tejerina V, Toggweiler S, **Brinkert M**, Baz J, Jimenez V, Molina E, Sánchez-Gila J, Taramasso M, Nietlispach F.  
EuroIntervention. 2019 May 20;15(1):71-73.
18. Transfemoral Implantation of the Acurate neo for the Treatment of Aortic Regurgitation.  
Toggweiler S, Cerillo AG, Kim WK, Biaggi P, Lloyd C, Hilker M, Almagor Y, Cuculi F, **Brinkert M**, Kobza R, Muller O, Rück A, Corti R.  
J Invasive Cardiol. 2018 Sep;30(9):329-333.
19. First time description of early lead failure of the Linox Smart lead compared to other contemporary high-voltage leads.  
Weberndörfer V, Nyffenegger T, Russi I, **Brinkert M**, Berte B, Toggweiler S, Kobza R.  
J Interv Card Electrophysiol. 2018 Jul;52(2):173-177

20. Very low pacemaker rate following ACURATE neo transcatheter heart valve implantation.  
Toggweiler S, Nissen H, Mogensen B, Cuculi F, Fallesen C, Veien KT, **Brinkert M**, Kobza R, Rück A.  
EuroIntervention. 2017 Dec 20;13(11):1273-1280.
21. Prognostic Usefulness of Cardiac Stress Test Modalities in Patients With Type 2 Diabetes Mellitus Who Underwent Myocardial Perfusion Scintigraphy (from the Basel Asymptomatic High-Risk Diabetics' Outcome Trial).  
Caobelli F, Haaf P, Chronis J, Haenny G, **Brinkert M**, Pfisterer ME, Zellweger MJ; Basel Asymptomatic High-Risk Diabetics' Outcome Trial (BARDOT) Investigators.  
Am J Cardiol. 2017 Oct 1;120(7):1098-1103.
22. Predictors and prognostic impact of silent coronary artery disease in asymptomatic high-risk patients with diabetes mellitus.  
Zellweger MJ, Haaf P, Maraun M, Osterhues HH, Keller U, Müller-Brand J, Jeger R, Pfister O, **Brinkert M**, Burkard T, Pfisterer M; BARDOT Investigators.  
Int J Cardiol. 2017 Oct 1;244:37-42
23. A new memetic pattern based algorithm to diagnose/exclude coronary artery disease.  
Zellweger MJ, **Brinkert M**, Bucher U, Tsirkin A, Ruff P, Pfisterer ME.  
Int J Cardiol. 2014 Jun 1;174(1):184-6.
24. Prevalence, extent, and independent predictors of silent myocardial infarction.  
Arenja N, Mueller C, Ehl NF, **Brinkert M**, Roost K, Reichlin T, Sou SM, Hochgruber T, Osswald S, Zellweger MJ  
Am J Med. 2013 Jun;126(6):515-22
25. Relationship between the resting heart rate and the extent of coronary artery disease as assessed by myocardial perfusion SPECT.  
Kohler A, Muzzarelli S, Leibundgut G, Müller-Brand J, **Brinkert M**, Zellweger MJ.  
Swiss Med Wkly. 2012 Aug 13;142:w13660.

26. Diabetes reduces left ventricular ejection fraction--irrespective of presence and extent of coronary artery disease.  
Ehl NF, Kühne M, **Brinkert M**, Müller-Brand J, Zellweger MJ.  
Eur J Endocrinol. 2011 Dec;165(6):945-51.
27. Functional assessment of the left atrium by real-time three-dimensional echocardiography using a novel dedicated analysis tool: initial validation studies in comparison with computed tomography.  
Rohner A, **Brinkert M**, Kawel N, Buechel RR, Leibundgut G, Grize L, Kühne M, Bremerich J, Kaufmann BA, Zellweger MJ, Buser P, Osswald S, Handke M.  
Eur J Echocardiogr. 2011 Jul;12(7):497-505

## 2. Fallbeschreibungen

1. The „Mickey Mouse Heart“  
Meyer J, Haegeli LM, **Brinkert M**.  
Praxis (Bern 1994). 2022;111(14):822-825
2. Case Report: Sapien 3 Transcatheter Heart Valve Embolization: Cause, Management, and Redo.  
Chen M, Stähli BE, Michel JM, **Brinkert M**, Tanner FC, Kasel AM.  
Front Cardiovasc Med. 2021 Nov 2;8:774047.
3. Coronary subclavian steal syndrome  
Moccetti F, **Brinkert M**, Wolfrum M, Toggweiler S.  
Eur Heart J. 2020 Apr 1;41(13):1345
4. First-in-man implantation of the Tricento transcatheter heart valve for the treatment of severe tricuspid regurgitation.  
Toggweiler S, De Boeck B, **Brinkert M**, Buhmann R, Bossard M, Kobza R, Cuculi F.  
EuroIntervention. 2018 Sep 20;14(7):758-761.
5. An unusual case of false-positive coronary artery calcium score.

**Brinkert M**, Rodrigues P, Rubens M, Nicol E  
Oxf Med Case Reports. 2016 Apr 20;2016(4):71-2.

### **3. Übersichtsarbeiten und Kommentare**

1. Reply: Sonographic Guidance of Vascular Closure With MANTA.  
**Moccetti F, Brinkert M, Toggweiler S.**  
JACC Cardiovasc Interv. 2019 Dec 9;12(23):2438-2439
2. Transcatheter aortic valve implantation operators - get involved in imaging!  
**Brinkert M, Toggweiler S.**  
World J Cardiol. 2017 Dec 26;9(12):853-857

### **4. Editorials**

1. Can Risk Scores Help to Further Improve Transcatheter Aortic Valve Replacement?  
**Toggweiler S, Brinkert M.**  
JACC Cardiovasc Interv. 2019 Nov 11;12(21):2143-2144.

### **5. Dissertationen und Masterarbeiten**

1. Betreuung Dissertation von Luca Loretz, gemeinsam mit PD Dr. med. S. Toggweiler,  
Universität Zürich  
Dies führte zur Publikation: Simplifying transfemoral ACURATE neo implantation  
using the TrueFlow nonocclusive balloon catheter.  
**Toggweiler S, Loretz L, Brinkert M, Bossard M, Wolfrum M, Moccetti F, Berte B,**  
**Cuculi F, Kobza R.**  
Catheter Cardiovasc Interv. 2020 Jan 23.