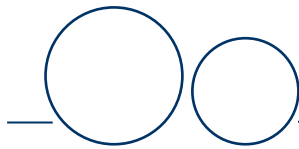




Mitral valve research at the University of Heidelberg

As an academic institution and to control our quality and help improving new techniques, our mitral valve program has always been accompanied with scientific projects. Some of the work that we have done, or the work where we have contributed to international studies, can be found below.

1. The Effects of Mitral Valve Repair on Memory Performance, Executive Function, and Psychological Measures in Patients With Heart Failure. Nikendei C, Schäfer H, Weisbrod M, Huber J, Geis N, Katus HA, Bekeredjian R, Herzog W, Pleger ST, Schultz JH. *Psychosom Med.* 2016 May;78(4):432-42.
2. One-year outcomes and predictors of mortality after MitraClip therapy in contemporary clinical practice: results from the German transcatheter mitral valve interventions registry. Puls M, Lubos E, Boekstegers P, von Bardeleben RS, Ouarrak T, Butter C, Zuern CS, Bekeredjian R, Sievert H, Nickenig G, Eggebrecht H, Senges J, Schillinger W. *Eur Heart J.* 2016 Feb 21;37(8):703-12.
3. Predictors for short-term outcomes of patients undergoing transcatheter mitral valve interventions: analysis of 778 prospective patients from the German TRAMI registry focusing on baseline renal function. Schueler R, Nickenig G, May AE, Schillinger W, Bekeredjian R, Ouarrak T, Schofer J, Hehrlein C, Sievert H, Boekstegers P, Lubos E, Hoffmann R, Baldus S, Senges J, Hammerstingl C. *EuroIntervention.* 2016 Jul 20;12(4):508-14.
4. Acute outcomes after MitraClip therapy in highly aged patients: results from the German TRAnscatheter Mitral valve Interventions (TRAMI) Registry. Schillinger W, Hünlich M, Baldus S, Ouarrak T, Boekstegers P, Hink U, Butter C, Bekeredjian R, Plicht B, Sievert H, Schofer J, Senges J, Meinertz T, Hasenfuß G. *EuroIntervention.* 2013 May 20;9(1):84-90.
5. One year clinical efficacy and reverse cardiac remodelling in patients with severe mitral regurgitation and reduced ejection fraction after MitraClip implantation. Pleger ST, Schulz-Schönhagen M, Geis N, Mereles D, Chorianopoulos E, Antaredja M, Lewening M, Katus HA, Bekeredjian R. *Eur J Heart Fail.* 2013 Aug;15(8):919-27.
6. Severe mitral valve regurgitation in terminal heart failure: news beyond guidelines. Pleger ST, Katus HA, Bekeredjian R. *Dtsch Med Wochenschr.* 2013 Mar;138(12):600-2.
7. Percutaneous edge-to-edge repair of mitral regurgitation as a bail-out strategy in critically ill patients. Pleger ST, Chorianopoulos E, Krumsdorf U, Katus HA, Bekeredjian R. *J Invasive Cardiol.* 2013 Feb;25(2):69-72.



8. Successful MitraClip™ implantation in a 15-year-old patient with multiple prior cardiac surgeries. Gorenflo M, Katus HA, Bekeredjian R. *Cardiol Young*. 2013 Aug;23(4):620-2.
9. MitraClip therapy in daily clinical practice: initial results from the German transcatheter mitral valve interventions (TRAMI) registry. Baldus S, Schillinger W, Franzen O, Bekeredjian R, Sievert H, Schofer J, Kuck KH, Konorza T, Möllmann H, Hehrlein C, Ouarrak T, Senges J, Meinertz T; German Transcatheter Mitral Valve Interventions (TRAMI) investigators. *Eur J Heart Fail*. 2012 Sep;14(9):1050-5.
10. Successful transfemoral antegrade valve-in-valve implantation of a SAPIEN XT valve into a degenerated mitral valve prosthesis. Bekeredjian R, Chorianopoulos E, Katus HA. *J Invasive Cardiol*. 2012 Apr;24(4):170-2.
11. Acute safety and 30-day outcome after percutaneous edge-to-edge repair of mitral regurgitation in very high-risk patients. Pleger ST, Mereles D, Schulz-Schönhagen M, Krumsdorf U, Chorianopoulos E, Rottbauer W, Katus HA, Bekeredjian R. *Am J Cardiol*. 2011 Nov 15;108(10):1478-82.