

Curriculum vitae

Prof. Dr. med. Gustav Steinhoff
Director
Department of Cardiac Surgery
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Born (Kleve, Germany): 15. 09. 1958 . Married, two children

Medical study 1977-1984, Erasmus University Rotterdam, The Netherland
Basic Research stay 1980 Baylor College, Houston, Texas
M.D. thesis 1987, Medical School Hannover, Germany
Ph.D. Habilitation 1993, Medical School Hannover, Germany
Specialization in General Surgery, Medical School Hannover, Germany 1985-1992
Subspecialization in Cardiac, Thoracic and Vascular Sugery 1993-1997, University of Kiel, Germany
Assistant Professor of Surgery, Medical School Hannover, 1998

Professor of Cardiac Surgery and Director of the Department of Cardiac Surgery, University of Rostock, Germany, 2000

Foundation and Head of the Research laboratories of cardiac Tissue and Organ-Engineering (FKGO) and the Cardiovascular Research Center Rostock (HKFZ), 2001

Foundation and Head of the Institute of Regenerative Medicine and Stem Cell Therapy, 2003

Publication in international journals:	127
Books:	3
Book chapter:	19
Patents:	6

Selected publications in regenerative medicine of the last 5 years:

1. Steinhoff G, Stock U, Karim N, Mertsching H, Timke A, Meliss RR, Pethig K, Haverich A, Bader A. Tissue engineering of pulmonary heart valves on allogenic acellular matrix conduits: In vivo restoration of valve tissue. *Circulation* 102(19 Suppl 3):III50-5, 2000
2. Stamm C, Westphal B, Kleine HD, Petzsch M, Kittner C, Schümichen C, Nienaber CA, Freund M, Steinhoff G. Autologous bone marrow stem cell transplantation for myocardial regeneration after myocardial infarction. *The Lancet* 361:45-6, 2003
3. Stamm C, Kleine HD, Westphal B, Petzsch M, Kittner C, Nienaber CA, Freund M, Steinhoff G. CABG and Bone Marrow Stem Cell Transplantation after Myocardial Infarction. *The Thoracic and Cardiovascular Surgeon* 52:152-8, 2004
4. Stamm C, Khosravi A, Grabow N, Schmohl K, Treckmann N, Drechsel A, Ma N, Schmitz KP, Haubold A, Steinhoff G. Biomatrix/Polymer Composite Material for Heart Valve Tissue Engineering. *Annals of Thoracic Surgery* 78:2084-93, 2004
5. N. Ma, C. Stamm, A. Kaminski, W.Z. Li, H. Kleine, B. Müller-Hilke, Z. Li, Y. Ladilov, D. Egger, G. Steinhoff. Human cord blood cells induce angiogenesis following myocardial infarction in NOD/SCID mice. *Cardiovascular Research* 66:45-54, 2005