Stanford



Dominik Fleischmann

Professor of Radiology (Cardiovascular Imaging)

NIH Biosketch available Online Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Department of Radiology CV Imaging Division**

  500 Pasteur Dr M-186

  MC 5659

  Stanford, CA 94305

  Tel (650) 723-7647 **Fax** (650) 725-7296

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Rachel Baday

  Email rachel22@stanford.edu

  Tel (650) 723.7647

Bio

CLINICAL FOCUS

- Cardiovacular Imaging
- Diagnostic Radiology
- Radiology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Radiology
- Member, Bio-X
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Computed Tomography, Stanford Hospital and Clinics, (2008- present)
- Chief, Cardiovascular Imaging, Department of Radiology, (2011- present)
- Medical Director, 3DQ Lab, Department of Radiology, (2012- present)

HONORS AND AWARDS

- Deputy Editor, Radiology Cardiothoracic Imaging (2019 -)
- Fellow, American Heart Association

PROFESSIONAL EDUCATION

- Research Fellowship, Stanford University School of Medicine , Cardiovascular Imaging (1999)
- Board Certification: Diagnostic Radiology, Austria Medical Chamber (1997)
- Residency: University of Vienna (1997) Austria
- Internship: AO Krankenhaus Allentsteig (1991) Austria
- MD, University of Vienna, Austria , Medicine (1989)

- Medical Education: University of Vienna Medical School (1989) Austria

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Non-invasive Cardiovascular Imaging

Image Post-processing

Contrast Medium Dynamics

CLINICAL TRIALS

- Limiting AAA With Metformin (LIMIT) Trial, Recruiting
- Diagnostic Performance of Coronary CT Angiography With CT FFR in Kidney Transplantation Candidates, Not Recruiting
- IMPRoving Outcomes in Vascular DisEase - Aortic Dissection, Not Recruiting
- Perfusion CT Monitoring to Predict Treatment Efficacy in Renal Cell Carcinoma, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Nina Maria Kerschbaumer

Publications

PUBLICATIONS

- **Deep reinforcement learning for automatic anatomic CT landmark localization in Stanford Type B aortic dissection.** *Radiology advances*
  Bäumler, K., Codari, M., Mastrodicasa, D., Mistelbauer, G., Willemink, M. J., Walters, S., Hinostroza, V., Turner, V., Chepelev, L., Sriprachyakul, A., Madani, M. H., Ewane, A., Chen, et al
  2026; 3 (2): umag006

- **Reproducibility of the 2020 Society for Vascular Surgery/Society of Thoracic Surgeons Reporting Standards for Uncomplicated Type B Aortic Dissection.** *Radiology. Cardiothoracic imaging*
  Sriprachyakul, A., Mastrodicasa, D., Willemink, M. J., Mistelbauer, G., Shen, J., Yang, I., Hallett, R. L., Malik, S. B., Madani, M. H., Lai, K. M., Hinostroza, V., Stern, J. R., Tran, et al
  2025; 7 (6): e240325

- **Mechanisms of aortic dissection: From pathological changes to experimental and in silico models.** *Progress in materials science*
  Rolf-Pissarczyk, M., Schussnig, R., Fries, T. P., Fleischmann, D., Elefteriades, J. A., Humphrey, J. D., Holzapfel, G. A.
  2025; 150

- **Predicting Late Adverse Events in Uncomplicated Stanford Type B Aortic Dissection: Results From the ROADMAP Validation Study.** *Circulation. Cardiovascular imaging*
  Fleischmann, D., Mastrodicasa, D., Willemink, M. J., Turner, V. L., Hinostroza, V., Burris, N. S., Yang, B., Hanneman, K., Ouzounian, M., Ocazionez Trujillo, D., Afifi, R. O., Estrera, A. L., Lacomis, et al
  2025; 18 (2): e016766

- **Denoising Multiphase Functional Cardiac CT Angiography Using Deep Learning and Synthetic Data.** *Radiology. Artificial intelligence*
  Sandfort, V., Willemink, M., Codari, M., Mastrodicasa, D., Fleischmann, D.
  2024: e230153

- **Hemodynamic effects of entry and exit tear size in aortic dissection evaluated with in vitro magnetic resonance imaging and fluid-structure interaction simulation.** *Scientific reports*
  Zimmermann, J., Bäumler, K., Loecher, M., Cork, T. E., Marsden, A. L., Ennis, D. B., Fleischmann, D.
  2023; 13 (1): 22557

- **Registry of Aortic Diseases to Model Adverse Events and Progression (ROADMAP) in Uncomplicated Type B Aortic Dissection: Study Design and Rationale.** *Radiology. Cardiothoracic imaging*
  Mastrodicasa, D., Willemink, M. J., Turner, V. L., Hinostroza, V., Codari, M., Hanneman, K., Ouzounian, M., Ocazionez Trujillo, D., Afifi, R. O., Hedgire, S., Burris, N. S., Yang, B., Lacomis, et al
  2022; 4 (6): e220039

- **Imaging and Surveillance of Chronic Aortic Dissection: A Scientific Statement From the American Heart Association.** *Circulation. Cardiovascular imaging*
  Fleischmann, D., Afifi, R. O., Casanegra, A. I., Elefteriades, J. A., Gleason, T. G., Hanneman, K., Roselli, E. E., Willemink, M. J., Fischbein, M. P.
  2022; 15 (3): e000075

- **Fluid-structure interaction simulations of patient-specific aortic dissection.** *Biomechanics and modeling in mechanobiology*
  Baumler, K., Vedula, V., Sailer, A. M., Seo, J., Chiu, P., Mistelbauer, G., Chan, F. P., Fischbein, M. P., Marsden, A. L., Fleischmann, D.
  2020

- **Aortic growth and development of partial false lumen thrombosis are associated with late adverse events in type B aortic dissection.** *The Journal of thoracic and cardiovascular surgery*
  Higashigaito, K. n., Sailer, A. M., van Kuijk, S. M., Willemink, M. J., Hahn, L. D., Hastie, T. J., Miller, D. C., Fischbein, M. P., Fleischmann, D. n.
  2019

- **Acute Limited Intimal Tears of the Thoracic Aorta.** *Journal of the American College of Cardiology*
  Chin, A. S., Willemink, M. J., Kino, A. n., Hinostroza, V. n., Sailer, A. M., Fischbein, M. P., Mitchell, R. S., Berry, G. J., Miller, D. C., Fleischmann, D. n.
  2018; 71 (24): 2773–85

- **Computed Tomography Imaging Features in Acute Uncomplicated Stanford Type-B Aortic Dissection Predict Late Adverse Events** *CIRCULATION-CARDIOVASCULAR IMAGING*
  Sailer, A. M., Van Kuijk, S. M., Nelemans, P. J., Chin, A. S., Kino, A., Huininga, M., Schmidt, J., Mistelbauer, G., Baeumler, K., Chiu, P., Fischbein, M. P., Dake, M. D., Miller, et al
  2017; 10 (4)

- **Prognostic significance of early aortic remodeling in acute uncomplicated type B aortic dissection and intramural hematoma.** *The Journal of thoracic and cardiovascular surgery*
  Sailer, A. M., Nelemans, P. J., Hastie, T. J., Chin, A. S., Huininga, M. n., Chiu, P. n., Fischbein, M. P., Dake, M. D., Miller, D. C., Schurink, G. W., Fleischmann, D. n.
  2017; 154 (4): 1192–1200

- **Evaluation of Two Iterative Techniques for Reducing Metal Artifacts in Computed Tomography** *RADIOLOGY*
  Boas, F. E., Fleischmann, D.
  2011; 259 (3): 894-902

- **Computed tomography-old ideas and new technology** *EUROPEAN RADIOLOGY*
  Fleischmann, D., Boas, F. E.
  2011; 21 (3): 510-517

- **Dual-energy CT Discrimination of Iodine and Calcium: Experimental Results and Implications for Lower Extremity CT Angiography** *ACADEMIC RADIOLOGY*
  Tran, D. N., Straka, M., Roos, J. E., Napel, S., Fleischmann, D.
  2009; 16 (2): 160-171

- **An improved algorithm for femoropopliteal artery centerline restoration using prior knowledge of shapes and image space data** *MEDICAL PHYSICS*
  Rakshe, T., Fleischmann, D., Rosenberg, J., Roos, J. E., Straka, M., Napel, S.
  2008; 35 (7): 3372-3382

- **Femoropopliteal artery centerline interpolation using contralateral shape** *MEDICAL PHYSICS*
  Tran, D. N., Fleischmann, D., Rakshe, T., Roos, J. E., Rosenberg, J., Straka, M., Napel, S.
  2007; 34 (9): 3428-3435

- **Multipath curved planar reformation of the peripheral arterial tree in CT angiography** *RADIOLOGY*
  Roos, J. E., Fleischmann, D., Koechl, A., Rakshe, T., Straka, M., Napoli, A., Kanitsar, A., Sramek, M., Groeller, E.
  2007; 244 (1): 281-290

- **Knowledge-based interpolation of curves: Application to femoropopliteal arterial centerline restoration** *MEDICAL IMAGE ANALYSIS*
  Rakshe, T., Fleischmann, D., Rosenberg, J., Roos, J. E., Napel, S.
  2007; 11 (2): 157-168
- **Quantification of intravenously administered contrast medium transit through the peripheral arteries: Implications for CT angiography** *RADIOLOGY*
  Fleischmann, D., Rubin, G. D.
  2005; 236 (3): 1076-1082
- **Non-Linear Model Fitting to Parameterize Diseased Blood Vessels** *IEEE Vizualization 2004*
  La Cruz A, Straka M, Köchl A, Srámek M, Gröller E, Fleischmann D
  2004: 393-400
- **VesselGlyph: Focus & Context Visualization in CT-Angiography** *IEEE Visualization 2004*
  Straka M, Cervenanský M, La Cruz A, Köchl A, Srámek M, Gröller E, Fleischmann D
  2004: 385-392
- **CPR - Curved Planar Reformation** *IEEE Visualization 2002*
  Kanitsar A, Fleischmann D, Wegenkittl R, Felkel P, Gröller E
  2002: 37-44
- **Accuracy of predicting and controlling time-dependent aortic enhancement from a test bolus injection** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
  Hittmair, K., Fleischmann, D.
  2001; 25 (2): 287-294
- **Quantitative determination of age-related geometric changes in the normal abdominal aorta** *JOURNAL OF VASCULAR SURGERY*
  Fleischmann, D., Hastie, T. J., Dannegger, F. C., Paik, D. S., Tillich, M., Zarins, C. K., Rubin, G. D.
  2001; 33 (1): 97-105
- **Improved uniformity of aortic enhancement with customized contrast medium injection protocols at CT angiography** *RADIOLOGY*
  Fleischmann, D., Rubin, G. D., Bankier, A. A., Hittmair, K.
  2000; 214 (2): 363-371
- **Mathematical analysis of arterial enhancement and optimization of bolus geometry for CT angiography using the discrete Fourier transform** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
  Fleischmann, D., Hittmair, K.
  1999; 23 (3): 474-484
- **Three-dimensional spiral CT cholangiography in patients with suspected obstructive biliary disease: Comparison with endoscopic retrograde cholangiography** *80th RSNA Scientific Assembly*
  Fleischmann, D., Ringl, H., Schofl, R., Potzi, R., Kontrus, M., Henk, C., Bankier, A. A., Kettenbach, J., Mostbeck, G. H.
  RADIOLOGICAL SOC NORTH AMERICA.1996: 861–68
- **Benchmarking 54 large language model configurations for CAD-RADS scoring: open-weight models approach human-level agreement.** *The international journal of cardiovascular imaging*
  Sandfort, V., Vigneault, D. M., Willemink, M. J., Wu, J., Hallett, R. L., Nieman, K., Fleischmann, D., Mastrodicasa, D.
  2026
- **Standardized End Point Definitions for Clinical Trials in Thoracic Aortic Repair: A Consensus Report From the ARCH-Academic Research Consortium.** *Circulation*
  Beck, A. W., Desai, N. D., Abel, D., Abraham, C. Z., Bavaria, J. E., Browndyke, J. N., Clough, R. E., Collet, J. P., Cutlip, D. E., Czerny, M., Eagleton, M. J., Estrera, A. L., Fleischmann, et al
  2026; 153 (22): 1761-1780
- **Deep Learning Model for Coronary Artery Calcium Detection from Single-Shot Dual-Energy Chest X-rays: A Simulation Study.** *Proceedings of SPIE--the International Society for Optical Engineering*
  Shi, L., Swaby, A., Hellier, K., Bharathi, P., Fleischmann, D., Abbaszadeh, S., Wang, A. S.
  2026; 13924

- **Understanding Aortic Dissection Hemodynamics: Evaluating Adapted Smoke Surfaces Against Streakline-Based Techniques** *IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS*
  Schroeder, A., Ostendorf, K., Baumler, K., Mastrodicasa, D., Fleischmann, D., Preim, B., Theisel, H., Mistelbauer, G.
  2026; 32 (1): 1241-1251
- **Deep Le arning Model for Coronary Artery Calcium Detection from Single-Shot Dual-Energy Chest X-rays: A Simulation Study**
  Shi, L., Swaby, A., Hellier, K., Bharathi, P., Fleischmann, D., Abbaszadeh, S., Wang, A. S.
  edited by Li, K., Abbaszadeh, S., Ganguly, A.
  SPIE-INT SOC OPTICAL ENGINEERING.2026
- **Mechanisms of aortic dissection: From pathological changes to experimental and in silico models** *PROGRESS IN MATERIALS SCIENCE*
  Rolf-Pissarczyk, M., Schussnig, R., Fries, T., Fleischmann, D., Elefteriades, J. A., Humphrey, J. D., Holzapfel, G. A.
  2025; 150
- **Cardiac Computed Tomography Angiography Plane Prediction and Comprehensive LV Segmentation**
  Vigneault, D., Manohar, A., Hernandez, A., Wong, K., Kong, F., Gegenava, T., Nieman, K., Fleischmann, D.
  edited by Tasdizen, T., Elhabian, S., Summers, R., Chen, C., Koch, L., Zhuang, Y.
  JMLR-JOURNAL MACHINE LEARNING RESEARCH.2025: 1638-1652
- **Advanced visualization of aortic dissection anatomy and hemodynamics** *COMPUTERS & GRAPHICS-UK*
  Schroeder, A., Ostendorf, K., Baeumler, K., Mastrodicasa, D., Sandfort, V., Fleischmann, D., Preim, B., Mistelbauer, G.
  2024; 124
- **Synthetic surface mesh generation of aortic dissections using statistical shape modeling** *COMPUTERS & GRAPHICS-UK*
  Ostendorf, K., Baeumler, K., Mastrodicasa, D., Fleischmann, D., Preim, B., Mistelbauer, G.
  2024; 124
- **Transcatheter Valve Replacement in Severe Tricuspid Regurgitation.** *The New England journal of medicine*
  Hahn, R. T., Makkar, R., Thourani, V. H., Makar, M., Sharma, R. P., Haeffele, C., Davidson, C. J., Narang, A., O'Neill, B., Lee, J., Yadav, P., Zahr, F., Chadderdon, et al
  2024
- **Assessment of aortic dissection remodeling with patient-specific fluid-structure interaction models.** *IEEE transactions on bio-medical engineering*
  Baumler, K., Rolf-Pissarczyk, M., Schussnig, R., Fries, T., Mistelbauer, G., Pfaller, M. R., Marsden, A. L., Fleischmann, D., Holzapfel, G. A.
  2024; PP
- **Early 3D Growth in Uncomplicated Type B Aortic Dissection is Associated with Long-Term Outcomes.** *Journal of vascular surgery*
  Marway, P. S., Campello Jorge, C. A., Tjahjadi, N., Baker, T. J., Mistelbauer, G., Baeumler, K., Hinostroza, V., Higashigaito, K., Mastrodicasa, D., Masotti, M., Nordsletten, D., Patel, H. J., Fleischmann, et al
  2024
- **Demographics, utilization, workflow and outcomes based on observational data from the RSNA-ACR 3D Printing Registry.** *Journal of the American College of Radiology : JACR*
  Wang, K. C., Ryan, J. R., Chepelev, L., Wake, N., Quigley, E. P., Santiago, L., Wentworth, A., Alexander, A., Morris, J. M., Fleischmann, D., Ballard, D. H., Ravi, P., Hirsch, et al
  2024
- **Feasibility of virtual non-iodine coronary calcium scoring on dual source photon-counting coronary CT angiography: a dynamic phantom study.** *European radiology*
  Dobrolinska, M. M., Koetzier, L. R., Greuter, M. J., Vliegenthart, R., van der Bie, J., Prakken, N. H., Slart, R. H., Leiner, T., Budde, R. P., Mastrodicasa, D., Booij, R., Fleischmann, D., Willemink, et al
  2024
- **3D Printing for the Development of Palatal Defect Prosthetics.** *Federal practitioner : for the health care professionals of the VA, DoD, and PHS*
  Calderon, C., Golzar, A., Marcott, S., Gifford, K., Napel, S., Fleischmann, D., Baik, F. M., Osborne, T. F., Finegersh, A., Sirjani, D.
  2024; 41 (Suppl 2): S3-S7
- **Pulmonary interstitial lymphography: A prospective trial with potential impact on stereotactic ablative radiotherapy planning for early-stage lung cancer.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*

Ko, R. B., Abelson, J. A., Fleischmann, D., Louie, J. D., Hwang, G. L., Sze, D. Y., Schuler, E., Kielar, K. N., Maxim, P. G., Le, Q., Hara, W. H., Diehn, M., Kothary, et al
2023: 110079

- **Transfemoral tricuspid valve replacement and one-year outcomes: the TRISCEND study.** *European heart journal*
  Kodali, S., Hahn, R. T., Makkar, R., Makar, M., Davidson, C. J., Puthumana, J. J., Zahr, F., Chadderdon, S., Fam, N., Ong, G., Yadav, P., Thourani, V., Vannan, et al
  2023
- **Longitudinal investigation of aortic dissection in mice with computational fluid dynamics.** *Computer methods in biomechanics and biomedical engineering*
  Bäumler, K., Phillips, E. H., Grande Gutiérrez, N., Fleischmann, D., Marsden, A. L., Goergen, C. J.
  2023: 1-14
- **Automated cross-sectional view selection in CT angiography of aortic dissections with uncertainty awareness and retrospective clinical annotations.** *Computers in biology and medicine*
  Pepe, A., Egger, J., Codari, M., Willemink, M. J., Gsaxner, C., Li, J., Roth, P. M., Schmalstieg, D., Mistelbauer, G., Fleischmann, D.
  2023; 165: 107365
- **Early clinical outcomes and molecular smooth muscle cell phenotyping using a prophylactic aortic arch replacement strategy in Loeys-Dietz syndrome.** *The Journal of thoracic and cardiovascular surgery*
  Pedroza, A. J., Cheng, P., Dalal, A. R., Baeumler, K., Kino, A., Tognozzi, E., Shad, R., Yokoyama, N., Nakamura, K., Mitchel, O., Hiesinger, W., MacFarlane, E. G., Fleischmann, et al
  2023
- **Vendor Independent Coronary Calcium Scoring Improves Individual Risk Assessment: The Multi-Ethnic Study of Atherosclerosis (MESA).** *JACC. Cardiovascular imaging*
  van der Werf, N. R., Dobrolinska, M. M., Greuter, M. J., Willemink, M. J., Fleischmann, D., Bos, D., Slart, R. H., Budoff, M., Leiner, T.
  2023
- **Radiology: Cardiothoracic Imaging Highlights 2022.** *Radiology. Cardiothoracic imaging*
  Mastrodicasa, D., Aquino, G. J., Ordovas, K. G., Vargas, D., Fleischmann, D., Abbara, S., Hanneman, K.
  2023; 5 (3): e230042
- **Reduced Pulmonary Artery Distensibility Predicts Persistent Pulmonary Hypertension and 2-Year Mortality in Patients with Severe Aortic Stenosis Undergoing TAVR.** *Academic radiology*
  Turner, V., Maret, E., Kim, J. B., Codari, M., Hinostroza, V., Mastrodicasa, D., Watkins, A. C., Fearon, W. F., Fischbein, M. P., Haddad, F., Willemink, M. J., Fleischmann, D.
  2023
- **Low Utility of Frequent Imaging Follow-up for Incidental Ascending Aortic Aneurysms.** *Radiology. Cardiothoracic imaging*
  Shen, J., Fleischmann, D.
  2023; 5 (2): e230092
- **Hemodynamic Effects of Entry and Exit Tear Size in Aortic Dissection Evaluated with In Vitro Magnetic Resonance Imaging and Fluid-Structure Interaction Simulation.** *ArXiv*
  Zimmermann, J., Bäumler, K., Loecher, M., Cork, T. E., Marsden, A. L., Ennis, D. B., Fleischmann, D.
  2023
- **Deep Learning Image Reconstruction for CT: Technical Principles and Clinical Prospects.** *Radiology*
  Koetzier, L. R., Mastrodicasa, D., Szczykutowicz, T. P., van der Werf, N. R., Wang, A. S., Sandfort, V., van der Molen, A. J., Fleischmann, D., Willemink, M. J.
  2023: 221257
- **Hemodynamic Effects of Entry Versus Exit Tear Size and Tissue Stiffness in Simulations of Aortic Dissection**
  Baumler, K., Zimmermann, J., Ennis, D. B., Marsden, A. L., Fleischmann, D.
  edited by Tavares, J. M., Bourauel, C., Geris, L., Slote, J. V.
  SPRINGER INTERNATIONAL PUBLISHING AG.2023: 143-152
- **Limited Aortic Intimal Tears: CT Imaging Features and Clinical Characteristics.** *Radiology. Cardiothoracic imaging*
  Madani, M. H., Turner, V. L., Hallett, R. L., Willemink, M. J., Murillo, H., Chin, A. S., Berry, G. J., Fleischmann, D.

2022; 4 (6): e220155

- **Artificial Intelligence Applications in Aortic Dissection Imaging.** *Seminars in roentgenology*
  Mastrodicasa, D., Codari, M., Bäumler, K., Sandfort, V., Shen, J., Mistelbauer, G., Hahn, L. D., Turner, V. L., Desjardins, B., Willemink, M. J., Fleischmann, D.
  2022; 57 (4): 357-363

- **Thoracic Endovascular Aortic Repair for Chronic Type B Aortic Dissection: Pre- and Postprocedural Imaging.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
  Shen, J., Mastrodicasa, D., Al Bulushi, Y., Lin, M. C., Tse, J. R., Watkins, A. C., Lee, J. T., Fleischmann, D.
  2022; 42 (6): 1638-1653

- **Imaging Challenges in Chronic Dissection.** *Seminars in roentgenology*
  Shen, J., Mastrodicasa, D., Tse, J. R., Fleischmann, D.
  2022; 57 (4): 345-356

- **Inter-observer variability of expert-derived morphologic risk predictors in aortic dissection.** *European radiology*
  Willemink, M. J., Mastrodicasa, D., Madani, M. H., Codari, M., Chepelev, L. L., Mistelbauer, G., Hanneman, K., Ouzounian, M., Ocazionez, D., Afifi, R. O., Lacomis, J. M., Lovato, L., Pacini, et al
  2022

- **Association of left ventricular diastolic function with coronary artery calcium score: A Project Baseline Health Study.** *Journal of cardiovascular computed tomography*
  Haddad, F., Cauwenberghs, N., Daubert, M. A., Kobayashi, Y., Bloomfield, G. S., Fleischman, D., Koweek, L., Maron, D. J., Rodriguez, F., Liao, Y. J., Moneghetti, K., Amsallem, M., Mega, et al
  2022

- **Blood Flow Patterns of Risk in AorticDissection: Time to Go With the Flow?** *Journal of the American College of Cardiology*
  Burris, N. S., Fleischmann, D., Hope, M. D.
  2022; 79 (24): 2428-2430

- **Tetralogy of Fallot and Aortic Dissection: Implications in Management.** *JACC. Case reports*
  Vaikunth, S. S., Chan, J. L., Woo, J. P., Bykhovsky, M. R., Lui, G. K., Ma, M., Romfh, A. W., Lamberti, J., Mastrodicasa, D., Fleischmann, D., Fischbein, M. P.
  2022; 4 (10): 581-586

- **Low-dose coronary calcium scoring CT using a dedicated reconstruction filter for kV-independent calcium measurements.** *European radiology*
  Jubran, A., Mastrodicasa, D., van Praagh, G. D., Willemink, M. J., Kino, A., Wang, J., Fleischmann, D., Nieman, K.
  1800

- **Biological and clinical correlates of the patient health questionnaire-9: exploratory cross-sectional analyses of the baseline health study.** *BMJ open*
  Califf, R. M., Wong, C., Doraiswamy, P. M., Hong, D. S., Miller, D. P., Mega, J. L.
  2022; 12 (1): e054741

- **CT Angiography of Venoarterial Extracorporeal Membrane Oxygenation.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
  Shen, J., Tse, J. R., Chan, F., Fleischmann, D.
  2021: 210079

- **Entry Tear Dominance at CT Angiography Predicts Long-term Clinical Outcomes in Aortic Dissection: Another Piece of the Puzzle.** *Radiology. Cardiothoracic imaging*
  Fleischmann, D., Burris, N.
  1800; 3 (6): e210271

- **Coronary Artery Calcium Scoring: Toward a New Standard.** *Investigative radiology*
  van Praagh, G. D., Wang, J., van der Werf, N. R., Greuter, M. J., Mastrodicasa, D., Nieman, K., van Hamersvelt, R. W., Oostveen, L. J., Lange, F. d., Slart, R. H., Leiner, T., Fleischmann, D., Willemink, et al
  2021

- **Machine Learning to Predict In-Hospital Mortality in COVID-19 Patients Using Computed Tomography-Derived Pulmonary and Vascular Features.** *Journal of personalized medicine*
  Schiaffino, S., Codari, M., Cozzi, A., Albano, D., Ali, M., Arioli, R., Avola, E., Bna, C., Cariati, M., Carriero, S., Cressoni, M., Danna, P. S., Della Pepa, et al
  2021; 11 (6)

- **Implicit Modeling of Patient-Specific Aortic Dissections with Elliptic Fourier Descriptors** *COMPUTER GRAPHICS FORUM*
  Mistelbauer, G., Rossl, C., Baeumler, K., Preim, B., Fleischmann, D.
  2021; 40 (3): 423-434

- **An international survey on AI in radiology in 1041 radiologists and radiology residents part 2: expectations, hurdles to implementation, and education.** *European radiology*
  Huisman, M., Ranschaert, E., Parker, W., Mastrodicasa, D., Koci, M., Pinto de Santos, D., Coppola, F., Morozov, S., Zins, M., Bohyn, C., Koc, U., Wu, J., Veean, et al
  2021

- **Fully Automated Quantification Method (FQM) of Coronary Calcium in an Anthropomorphic Phantom.** *Medical physics*
  van Praagh, G. D., van der Werf, N. R., Wang, J., van Ommen, F., Poelhekken, K., Slart, R. H., Fleischmann, D., Greuter, M. J., Leiner, T., Willemink, M. J.
  2021

- **Emerging methods for the characterization of ischemic heart disease: ultrafast Doppler angiography, micro-CT, photon-counting CT, novel MRI and PET techniques, and artificial intelligence.** *European radiology experimental*
  Willemink, M. J., Varga-Szemes, A., Schoepf, U. J., Codari, M., Nieman, K., Fleischmann, D., Mastrodicasa, D.
  2021; 5 (1): 12

- **CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR.** *Journal of cardiovascular computed tomography*
  Turner, V. L., Jubran, A., Kim, J. B., Maret, E., Moneghetti, K. J., Haddad, F., Amsallem, M., Codari, M., Hinostroza, V., Mastrodicasa, D., Sailer, A. M., Kobayashi, Y., Nishi, et al
  2021

- **An international survey on AI in radiology in 1,041 radiologists and radiology residents part 1: fear of replacement, knowledge, and attitude.** *European radiology*
  Huisman, M., Ranschaert, E., Parker, W., Mastrodicasa, D., Koci, M., Pinto de Santos, D., Coppola, F., Morozov, S., Zins, M., Bohyn, C., Koc, U., Wu, J., Veean, et al
  2021

- **Semi-automatic vessel detection for challenging cases of peripheral arterial disease.** *Computers in biology and medicine*
  Mistelbauer, G., Morar, A., Schernthaner, R., Strassl, A., Fleischmann, D., Moldoveanu, F., Groller, M. E.
  2021; 133: 104344

- **Aortic Dissection and Other Acute Aortic Syndromes: Diagnostic Imaging Findings from Acute to Chronic Longitudinal Progression.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
  Murillo, H., Molvin, L., Chin, A. S., Fleischmann, D.
  2021; 41 (2): 425–46

- **Aorto-iliac/right leg arterial thrombosis necessitating limb amputation, pulmonary arterial, intracardiac, and ilio-caval venous thrombosis in a 40-year-old with COVID-19.** *Clinical imaging*
  Madani, M. H., Leung, A. N., Becker, H. C., Chan, F. P., Fleischmann, D. n.
  2021; 75: 1–4

- **Deep Learning-Based 3D Segmentation of True Lumen, False Lumen, and False Lumen Thrombosis in Type-B Aortic Dissection.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*
  Wobben, L. D., Codari, M., Mistelbauer, G., Pepe, A., Higashigaito, K., Hahn, L. D., Mastrodicasa, D., Turner, V. L., Hinostroza, V., Baumler, K., Fischbein, M. P., Fleischmann, D., Willemink, et al
  2021; 2021: 3912-3915

- **A discrete approach for modeling degraded elastic fibers in aortic dissection** *COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING*
  Rolf-Pissarczyk, M., Li, K., Fleischmann, D., Holzapfel, G. A.

2021; 373

- **Extravasation Volume at Computed Tomography Angiography Correlates With Bleeding Rate and Prognosis in Patients With Overt Gastrointestinal Bleeding.** *Investigative radiology*
  Tse, J. R., Shen, J. n., Shah, R. n., Fleischmann, D. n., Kamaya, A. n.
  2021
- **Spectral photon-counting CT in cardiovascular imaging.** *Journal of cardiovascular computed tomography*
  Sandfort, V., Persson, M., Pourmorteza, A., Noel, P. B., Fleischmann, D., Willemink, M. J.
  2020
- **Repair of extra-anatomic bypass graft structural degeneration and pseudoaneurysm with endovascular stent-graft relining.** *JTCVS techniques*
  Stephens, E. H., Fleischmann, D., Starr, A., Miller, D. C.
  2020; 3: 259-262
- **Repair of extra-anatomic bypass graft structural degeneration and pseudoaneurysm with endovascular stent-graft relining** *JTCVS TECHNIQUES*
  Stephens, E. H., Fleischmann, D., Starr, A., Miller, D.
  2020; 3: 259-262
- **Delivery of hepatocyte growth factor mRNA from nanofibrillar scaffolds in a pig model of peripheral arterial disease.** *Regenerative medicine*
  S Zaitseva, T., Yang, G., Dionyssiou, D., Zamani, M., Sawamura, S., Yakubov, E., Ferguson, J., Hallett, R. L., Fleischmann, D., Paukshto, M. V., Huang, N. F.
  2020
- **Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease.** *Cardiovascular diagnosis and therapy*
  Zhu, G., Hom, J., Li, Y., Jiang, B., Rodriguez, F., Fleischmann, D., Saloner, D., Porcu, M., Zhang, Y., Saba, L., Wintermark, M.
  2020; 10 (4): 1048-1067
- **Dramatic Case of Paradoxical Embolism.** *Radiology. Cardiothoracic imaging*
  Pogatchnik, B. P., Fleischmann, D.
  2020; 2 (4): e200360
- **The Project Baseline Health Study: a step towards a broader mission to map human health** *NPJ DIGITAL MEDICINE*
  Arges, K., Assimes, T., Bajaj, V., Balu, S., Bashir, M. R., Beskow, L., Blanco, R., Califf, R., Campbell, P., Carin, L., Christian, V., Cousins, S., Das, et al
  2020; 3 (1): 84
- **The Project Baseline Health Study: a step towards a broader mission to map human health.** *NPJ digital medicine*
  Arges, K., Assimes, T., Bajaj, V., Balu, S., Bashir, M. R., Beskow, L., Blanco, R., Califf, R., Campbell, P., Carin, L., Christian, V., Cousins, S., Das, et al
  2020; 3 (1): 84
- **Impact of right ventricular volumes on the outcomes of TAVR: a volumetric analysis of preprocedural computed tomography** *EUROINTERVENTION*
  Rozenbaum, Z., Maret, E., Lax, L., Shmilovich, H., Finkelstein, A., Steinvil, A., Halkin, A., Banai, S., Cohen, D., Topilsky, Y., Berliner, S., Fleischmann, D., Aviram, et al
  2020; 16 (2): E121-+
- **CT-based True- and False-Lumen Segmentation in Type B Aortic Dissection Using Machine Learning.** *Radiology. Cardiothoracic imaging*
  Hahn, L. D., Mistelbauer, G., Higashigaito, K., Koci, M., Willemink, M. J., Sailer, A. M., Fischbein, M., Fleischmann, D.
  2020; 2 (3): e190179
- **Deep Flow-Net for EPI Distortion Estimation.** *NeuroImage*
  Zahneisen, B., Baeumler, K., Zaharchuk, G., Fleischmann, D., Zeineh, M.
  2020: 116886
- **3D Printed Models of Brain and Intracranial Electrodes for Epilepsy Education and Surgical Planning**
  Ardestani, P., Gifford, K., Bogart, K., Walters, S., Zeineh, M., Fleischmann, D., Razavi, B.
  LIPPINCOTT WILLIAMS & WILKINS.2020

- **Preparing Medical Imaging Data for Machine Learning.** *Radiology*
  Willemink, M. J., Koszek, W. A., Hardell, C., Wu, J., Fleischmann, D., Harvey, H., Folio, L. R., Summers, R. M., Rubin, D. L., Lungren, M. P.
  2020: 192224

- **Accuracy of a novel stress echocardiography pattern for myocardial bridging in patients with angina and no obstructive coronary artery disease - A retrospective and prospective cohort study.** *International journal of cardiology*
  Pargaonkar, V. S., Rogers, I. S., Su, J., Forsdahl, S. H., Kameda, R., Schreiber, D., Chan, F. P., Becker, H., Fleischmann, D., Tremmel, J. A., Schnittger, I.
  2020

- **Coronary Computed Tomography Angiography in Diagnosing Obstructive Coronary Artery Disease in Patients with Advanced Chronic Kidney Disease: A Systematic Review and Meta-Analysis.** *Cardiorenal medicine*
  Cheng, X. S., Mohanty, S. n., Turner, V. n., Mastrodicasa, D. n., Winther, S. n., Fleischmann, D. n., Tan, J. C., Fearon, W. F.
  2020: 1–8

- **Computed Tomographic Angiography-Based Fractional Flow Reserve Compared With Catheter-Based Dobutamine-Stress Diastolic Fractional Flow Reserve in Symptomatic Patients With a Myocardial Bridge and No Obstructive Coronary Artery Disease.** *Circulation. Cardiovascular imaging*
  Jubran, A. n., Schnittger, I. n., Tremmel, J. n., Pargaonkar, V. n., Rogers, I. n., Becker, H. C., Yang, S. n., Mastrodicasa, D. n., Willemink, M. n., Fleischmann, D. n., Nieman, K. n.
  2020; 13 (2): e009576

- **Machine learning for endoleak detection after endovascular aortic repair.** *Scientific reports*
  Talebi, S. n., Madani, M. H., Madani, A. n., Chien, A. n., Shen, J. n., Mastrodicasa, D. n., Fleischmann, D. n., Chan, F. P., Mofrad, M. R.
  2020; 10 (1): 18343

- **The utility of three-dimensional models in complex microsurgical reconstruction.** *Archives of plastic surgery*
  Ogunleye, A. A., Deptula, P. L., Inchauste, S. M., Zelones, J. T., Walters, S. n., Gifford, K. n., LeCastillo, C. n., Napel, S. n., Fleischmann, D. n., Nguyen, D. H.
  2020; 47 (5): 428–34

- **Coronary artery calcium: A technical argument for a new scoring method** *JOURNAL OF CARDIOVASCULAR COMPUTED TOMOGRAPHY*
  Willemink, M. J., van der Werf, N. R., Nieman, K., Greuter, M. J. W., Koweek, L. M., Fleischmann, D.
  2019; 13 (6): 347–52

- **Carotid Artery Imaging Is More Strongly Associated With the 10-Year Atherosclerotic Cardiovascular Disease Score Than Coronary Artery Imaging.** *Journal of computer assisted tomography*
  Li, Y., Zhu, G., Ding, V., Jiang, B., Boothroyd, D., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Saba, L., Hom, J., Wintermark, M.
  2019; 43 (5): 679–85

- **Feasibility and utility of dual-energy chest CTA for preoperative planning in pediatric pulmonary artery reconstruction** *INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING*
  Zucker, E. J., Kino, A., Schmiedeskamp, H., Hinostroza, V., Fleischmann, D., Chan, F. P.
  2019; 35 (8): 1473–81

- **Popup-Plots: Warping Temporal Data Visualization** *IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS*
  Schmidt, J., Fleischmann, D., Preim, B., Braendle, N., Mistelbauer, G.
  2019; 25 (7): 2443–57

- **Cardiopulmonary-induced deformations of the thoracic aorta following thoracic endovascular aortic repair** *VASCULAR*
  Suh, G., Ullery, B. W., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C.
  2019; 27 (2): 181–89

- **Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score.** *Journal of computer assisted tomography*
  Zhu, G. n., Li, Y. n., Ding, V. n., Jiang, B. n., Ball, R. L., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Gupta, A. n., Saba, L. n., Hom, J. n., Wintermark, et al
  2019

- **Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement.** *Radiology. Cardiothoracic imaging*

Willemink, M. J., Maret, E. n., Moneghetti, K. J., Kim, J. B., Haddad, F. n., Kobayashi, Y. n., Nishi, T. n., Nieman, K. n., Cauwenberghs, N. n., Kuznetsova, T. n., Higashigaito, K. n., Sailer, A. M., Yeung, et al
2019; 1 (5): e190067

- **Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings** *JOURNAL OF NEUROIMAGING*
  Li, Y., Zhu, G., Ding, V., Huang, Y., Jiang, B., Ball, R. L., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Saba, L., Hom, J., Wintermark, et al
  2019; 29 (1): 119–25
- **Feasibility and utility of dual-energy chest CTA for preoperative planning in pediatric pulmonary artery reconstruction.** *The international journal of cardiovascular imaging*
  Zucker, E. J., Kino, A. n., Schmiedeskamp, H. n., Hinostroza, V. n., Fleischmann, D. n., Chan, F. P.
  2019
- **Defining genotype-phenotype relationships in patients with hypertrophic cardiomyopathy using cardiovascular magnetic resonance imaging.** *PloS one*
  Miller, R. J., Heidary, S. n., Pavlovic, A. n., Schlachter, A. n., Dash, R. n., Fleischmann, D. n., Ashley, E. A., Wheeler, M. T., Yang, P. C.
  2019; 14 (6): e0217612
- **Cardiopulmonary-induced deformations of the thoracic aorta following thoracic endovascular aortic repair.** *Vascular*
  Suh, G., Ullery, B. W., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C.
  2018: 1708538118811204
- **Diagnostic Accuracy of a Novel Stress Echocardiography Pattern for Myocardial Bridge in Patients With Angina and No Obstructive Coronary Artery Disease - a Retrospective and Prospective Validation Cohort Study**
  Pargaonkar, V. S., Rogers, I. S., Su, J., Forsdahl, S., Schreiber, D., Chan, F. P., Becker, H., Fleischmann, D., Tremmel, J. A., Schnittger, I.
  LIPPINCOTT WILLIAMS & WILKINS.2018
- **Personalized Treatment Based on Imaging Parameters and Clinical Parameters Reduces the Risk of Late Adverse Events in Patients With Initially Uncomplicated Type B Aortic Dissections**
  Sailer, K. M., Nelemans, P. J., Willemink, M. J., Hahn, L. D., Higashigaito, K., Fleischmann, D.
  LIPPINCOTT WILLIAMS & WILKINS.2018
- **Photon-counting CT: Technical Principles and Clinical Prospects** *RADIOLOGY*
  Willemink, M. J., Persson, M., Pourmorteza, A., Pelc, N., Fleischmann, D.
  2018; 289 (2): 293–312
- **Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
  Li, Y., Zhu, G., Ding, V., Jiang, B., Ball, R. L., Ahuja, N., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Saba, L., Wintermark, M., Hom, et al
  2018; 42 (6): 898–905
- **Improving Spatial Resolution at CT: Development, Benefits, and Pitfalls** *RADIOLOGY*
  Wang, J., Fleischmann, D.
  2018; 289 (1): 261–62
- **Photon-counting CT: Technical Principles and Clinical Prospects.** *Radiology*
  Willemink, M. J., Persson, M., Pourmorteza, A., Pelc, N. J., Fleischmann, D.
  2018: 172656
- **The impact of dose reduction on the quantification of coronary artery calcifications and risk categorization: A systematic review** *JOURNAL OF CARDIOVASCULAR COMPUTED TOMOGRAPHY*
  Vonder, M., van der Werf, N. R., Leiner, T., Greuter, M. J. W., Fleischmann, D., Vliegenthart, R., Oudkerk, M., Willemink, M. J.
  2018; 12 (5): 352–63
- **Improving Spatial Resolution at CT: Development, Benefits, and Pitfalls.** *Radiology*
  Wang, J., Fleischmann, D.
  2018: 181156
- **Epidemiology and contemporary management of abdominal aortic aneurysms** *ABDOMINAL RADIOLOGY*
  Ullery, B. W., Hallett, R. L., Fleischmann, D.

2018; 43 (5): 1032–43

- **Abdominal aortic aneurysms: pre- and post-procedural imaging** *ABDOMINAL RADIOLOGY*
  Hallett, R. L., Ullery, B. W., Fleischmann, D.
  2018; 43 (5): 1044–66

- **Geometric Deformations of the Thoracic Aorta and Supra-Aortic Arch Branch Vessels Following Thoracic Endovascular Aortic Repair** *VASCULAR AND ENDOVASCULAR SURGERY*
  Ullery, B. W., Suh, G., Hirotsu, K., Zhu, D., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2018; 52 (3): 173–80

- **PREDICTING MORTALITY WITH AORTOMITRAL CALCIFICATIONS IN 317 TAVR PATIENTS**
  Willemink, M., Maret, E., Moneghetti, K., Kim, J., Haddad, F., Kobayashi, Y., Higashigaito, K., Yeung, A., Lee, A., Miller, D., Fischbein, M., Fearon, W., Fleischmann, et al
  ELSEVIER SCIENCE INC.2018: 1591

- **THE PROGNOSTIC VALUE OF COMPUTED TOMOGRAPHY FRAILTY MEASURES FOR PROLONGED HOSPITAL STAY AFTER TAVR IN 429 PATIENTS**
  Maret, E., Willemink, M., Moneghetti, K., Kim, J., Haddad, F., Kobayashi, Y., Miller, C., Yeung, A., Fishbein, M., Fearon, W., Fleischmann, D.
  ELSEVIER SCIENCE INC.2018: 1414

- **Abdominal aortic aneurysms: pre- and post-procedural imaging.** *Abdominal radiology (New York)*
  Hallett, R. L., Ullery, B. W., Fleischmann, D.
  2018

- **Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings.** *Journal of neuroimaging : official journal of the American Society of Neuroimaging*
  Li, Y. n., Zhu, G. n., Ding, V. n., Huang, Y. n., Jiang, B. n., Ball, R. L., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Saba, L. n., Hom, J. n., Wintermark, et al
  2018

- **Changes in Geometry and Cardiac Deformation of the Thoracic Aorta after Thoracic Endovascular Aortic Repair**
  Hirotsu, K., Suh, G., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C. P.
  ELSEVIER SCIENCE INC.2018: 83–89

- **Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings.** *Journal of computer assisted tomography*
  Li, Y. n., Zhu, G. n., Ding, V. n., Jiang, B. n., Ball, R. L., Ahuja, N. n., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Saba, L. n., Wintermark, M. n., Hom, et al
  2018

- **Coronary artery calcium: A technical argument for a new scoring method.** *Journal of cardiovascular computed tomography*
  Willemink, M. J., van der Werf, N. R., Nieman, K. n., Greuter, M. J., Koweek, L. M., Fleischmann, D. n.
  2018

- **Changes in Geometry and Cardiac Deformation of the Thoracic Aorta after Thoracic Endovascular Aortic Repair.** *Annals of vascular surgery*
  Hirotsu, K., Suh, G., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2017

- **Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*
  Chiu, P., Sailer, A., Baiocchi, M., Goldstone, A. B., Schaffer, J. M., Trojan, J., Fleischmann, D., Mitchell, R., Miller, D., Dake, M. D., Woo, Y., Lee, J. T., Fischbein, et al
  2017; 29 (3): 283–91

- **Lower extremity computed tomography angiography can help predict technical success of endovascular revascularization in the superficial femoral and popliteal artery** *JOURNAL OF VASCULAR SURGERY*
  Itoga, N. K., Kim, T., Sailer, A. M., Fleischmann, D., Mell, M. W.
  2017; 66 (3): 835-+

- **Quantification of motion of the thoracic aorta after ascending aortic repair of type-A dissection** *INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY*

Suh, G., Fleischmann, D., Beygui, R. E., Cheng, C. P.
2017; 12 (5): 811-819

- **Identification of Pulmonary Hypertension Caused by Left Heart Disease (World Health Organization Group 2) Based on Cardiac Chamber Volumes Derived from Chest CT.** *Chest*
  Aviram, G., Rozenbaum, Z., Ziv-Baran, T., Berliner, S., Topilsky, Y., Fleischmann, D., Sung, Y. K., Zamanian, R. T., Guo, H. H.
  2017
- **Lower extremity computed tomography angiography can help predict technical success of endovascular revascularization in the superficial femoral and popliteal artery.** *Journal of vascular surgery*
  Itoga, N. K., Kim, T., Sailer, A. M., Fleischmann, D., Mell, M. W.
  2017
- **Reduced dose CT with model-based iterative reconstruction compared to standard dose CT of the chest, abdomen, and pelvis in oncology patients: intra-individual comparison study on image quality and lesion conspicuity.** *Abdominal radiology*
  Morimoto, L. N., Kamaya, A., Boulay-Coletta, I., Fleischmann, D., Molvin, L., Tian, L., Fisher, G., Wang, J., Willmann, J. K.
  2017
- **Perfusion CT measurements predict tumor response in rectal carcinoma** *ABDOMINAL RADIOLOGY*
  Kino, A., Shaffer, J., Maturen, K. E., Schmiedeskamp, H., Koong, A. C., Chang, D. T., Fleischmann, D., Kamaya, A.
  2017; 42 (4): 1132-1140
- **The use of intraosseous needles for injection of contrast media for computed tomographic angiography of the thoracic aorta.** *Journal of cardiovascular computed tomography*
  Winkler, M. n., Talley, C. n., Woodward, C. n., Kingsbury, A. n., Appiah, F. n., Elbelasi, H. n., Landwher, K. n., Li, X. n., Fleischmann, D. n.
  2017
- **Myocardial Bridges on Coronary Computed Tomography Angiography#- Correlation With Intravascular Ultrasound and Fractional Flow Reserve.** *Circulation journal : official journal of the Japanese Circulation Society*
  Forsdahl, S. H., Rogers, I. S., Schnittger, I. n., Tanaka, S. n., Kimura, T. n., Pargaonkar, V. S., Chan, F. P., Fleischmann, D. n., Tremmel, J. A., Becker, H. C.
  2017
- **Reducing Functional MR Imaging Acquisition Times by Optimizing Workflow** *RADIOGRAPHICS*
  Chwang, W. B., Iv, M., Smith, J., Kalnins, A., Mickelsen, J., Bammer, R., Fleischmann, D., Larson, D. B., Wintermark, M., Zeineh, M.
  2017; 37 (1): 315-321
- **Myocardial Bridges on Coronary Computed Tomography Angiography#- Correlation With Intravascular Ultrasound and Fractional Flow Reserve.** *Circulation Journal*
  Forsdahl, S. H., Rogers, I. S., Schnittger, I., et al
  2017
- **Perfusion CT measurements predict tumor response in rectal carcinoma.** *Abdominal radiology*
  Kino, A., Shaffer, J., Maturen, K. E., Schmiedeskamp, H., Koong, A. C., Chang, D. T., Fleischmann, D., Kamaya, A.
  2016
- **Quantification of motion of the thoracic aorta after ascending aortic repair of type-A dissection.** *International journal of computer assisted radiology and surgery*
  Suh, G., Fleischmann, D., Beygui, R. E., Cheng, C. P.
  2016: -?
- **DNA damage-associated biomarkers in studying individual sensitivity to low-dose radiation from cardiovascular imaging.** *European heart journal*
  Lee, W. H., Nguyen, P. K., Fleischmann, D., Wu, J. C.
  2016; 37 (40): 3075-3080
- **Volumetric analysis demonstrates that true and false lumen remodeling persists for 12 months after thoracic endovascular aortic repair** *JOURNAL OF VASCULAR SURGERY CASES AND INNOVATIVE TECHNIQUES*
  Suh, G., Hirotsu, K., Beygui, R. E., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2016; 2 (3): 101–4

- **Volumetric analysis demonstrates that true and false lumen remodeling persists for 12 months after thoracic endovascular aortic repair.** *Journal of vascular surgery cases and innovative techniques*
  Suh, G. Y., Hirotsu, K., Beygui, R. E., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2016; 2 (3): 101-104

- **Lower Extremity Computed Tomography Angiography Can Predict Technical Success of Endovascular Revascularization in the Superficial Femoral and Popliteal Arteries**
  Itoga, N. K., Kim, T., Sailer, A. M., Fleischmann, D., Mell, M. W.
  MOSBY-ELSEVIER.2016: 539–40

- **A prototype piecewise-linear dynamic attenuator** *PHYSICS IN MEDICINE AND BIOLOGY*
  Hsieh, S. S., Peng, M. V., May, C. A., Shunhavanich, P., Fleischmann, D., Pelc, N. J.
  2016; 61 (13): 4974-4988

- **Endovascular treatment of complex aortic aneurysms: prevalence of acute kidney injury and effect on long-term renal function** *EUROPEAN RADIOLOGY*
  Sailer, A. M., Nelemans, P. J., van Berlo, C., Yazar, O., de Haan, M. W., Fleischmann, D., Schurink, G. W.
  2016; 26 (6): 1613-1619

- **Lower Extremity CT Angiography Can Predict Technical Success of Endovascular Revascularization in the Superficial Femoral and Popliteal Arteries**
  Itoga, N. K., Kim, T., Sailer, A. M., Fleischmann, D., Mell, M. W.
  MOSBY-ELSEVIER.2016: 198S

- **Comparative geometric analysis of renal artery anatomy before and after fenestrated or snorkel/chimney endovascular aneurysm repair** *JOURNAL OF VASCULAR SURGERY*
  Ullery, B. W., Suh, G., Lee, J. T., Liu, B., Stineman, R., Daman, R. L., Cheng, C. P.
  2016; 63 (4): 922-929

- **Regional right ventricular dysfunction in acute pulmonary embolism: relationship with clot burden and biomarker profile** *INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING*
  Tuzovic, M., Adigopula, S., Amsallem, M., Kobayashi, Y., Kadoch, M., Boulate, D., Krishnan, G., Liang, D., Schnittger, I., Fleischmann, D., McConnell, M. V., Haddad, F.
  2016; 32 (3): 389-398

- **A limit on dose reduction possible with CT reconstruction algorithms without prior knowledge of the scan subject.** *Medical physics*
  Hsieh, S. S., Chesler, D. A., Fleischmann, D., Pelc, N. J.
  2016; 43 (3): 1361-?

- **Computed Tomography Angiography A Review and Technical Update** *RADIOLOGIC CLINICS OF NORTH AMERICA*
  Fleischmann, D., Chin, A. S., Molvin, L., Wang, J., Hallett, R.
  2016; 54 (1): 1-?

- **Computed Tomography Angiography of the Upper Extremities.** *Radiologic clinics of North America*
  Dave, R. B., Fleischmann, D.
  2016; 54 (1): 101-14

- **Contrast Medium Injection Technique** *MULTIDETECTOR-ROW CT OF THE THORAX, 2ND EDITION*
  Fleischmann, D., Hallett, R. L.
  edited by Schoepf, U. J., Meinel, F. G.
  2016: 37–57

- **Computed Tomography Angiography of the Upper Extremities** *RADIOLOGIC CLINICS OF NORTH AMERICA*
  Dave, R. B., Fleischmann, D.
  2016; 54 (1): 101-?

- **Pre- and Postoperative Imaging of the Aortic Root.** *Radiographics*
  Hanneman, K., Chan, F. P., Mitchell, R. S., Miller, D. C., Fleischmann, D.
  2016; 36 (1): 19-37

- **Geometric analysis of thoracic aorta and arch branches before and after TEVAR**
  Suh, G., Hirotsu, K., Zhu, Y. D., Lee, J., Dake, M., Fleischmann, D., Cheng, C.
  ELSEVIER SCIENCE INC.2015: B129

- **Assessment of the Radiation Effects of Cardiac CT Angiography Using Protein and Genetic Biomarkers.** *JACC. Cardiovascular imaging*
  Nguyen, P. K., Lee, W. H., Li, Y. F., Hong, W. X., Hu, S., Chan, C., Liang, G., Nguyen, I., Ong, S., Churko, J., Wang, J., Altman, R. B., Fleischmann, et al
  2015; 8 (8): 873-884

- **Novel Approach to a Giant External Iliac Vein Aneurysm Secondary to Posttraumatic Femoral Arteriovenous Fistula** *VASCULAR AND ENDOVASCULAR SURGERY*
  Thompson, P. C., Ullery, B. W., Fleischmann, D., Chandra, V.
  2015; 49 (5-6): 148-151

- **Aortoiliac Elongation after Endovascular Aortic Aneurysm Repair** *ANNALS OF VASCULAR SURGERY*
  Chandra, V., Rouer, M., Garg, T., Fleischmann, D., Mell, M.
  2015; 29 (5): 891-897

- **Noninvasive pulmonary nodule elastometry by CT and deformable image registration.** *Radiotherapy and oncology*
  Negahdar, M., Fasola, C. E., Yu, A. S., von Eyben, R., Yamamoto, T., Diehn, M., Fleischmann, D., Tian, L., Loo, B. W., Maxim, P. G.
  2015; 115 (1): 35-40

- **A Crack in the Wall: Evolution of a Left Ventricular Apical Pseudoaneurysm.** *The Canadian journal of cardiology*
  Parikh, R. V., Ahmadi-Kashani, M. n., Fleischmann, D. n., Woo, Y. J., McConnell, M. V.
  2015

- **OPEN-SOURCE 4D STATISTICAL SHAPE MODEL OF THE HEART FOR X-RAY PROJECTION IMAGING**
  Unberath, M., Maier, A., Fleischmann, D., Hornegger, J., Fahrig, R., IEEE
  IEEE.2015: 739–42

- **Aortic Arch Vessel Geometries and Deformations in Patients with Thoracic Aortic Aneurysms and Dissections** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Suh, G., Beygui, R. E., Fleischmann, D., Cheng, C. P.
  2014; 25 (12): 1903-1911

- **Noninvasive Pulmonary Nodule Elastometry by CT and Deformable Image Registration**
  Negahdar, M., Shultz, D. B., Eyben, R. V., Fasola, C., Yu, A. S., Tian, L., Fleischmann, D., Gable, L., Shan, X., Diehn, M., Loo, B. W., Maxim, P. G.
  ELSEVIER SCIENCE INC.2014: S10

- **Pediatric CT quality management and improvement program** *PEDIATRIC RADIOLOGY*
  Larson, D. B., Molvin, L. Z., Wang, J., Chan, F. P., Newman, B., Fleischmann, D.
  2014; 44: 519-524

- **Pediatric CT quality management and improvement program.** *Pediatric radiology*
  Larson, D. B., Molvin, L. Z., Wang, J., Chan, F. P., Newman, B., Fleischmann, D.
  2014; 44: 519-524

- **Noninvasive Pulmonary Nodule Elastometry by CT and Deformable Image Registration**
  Negahdar, M., Shultz, D. B., Eyben, R. V., Fasola, C., Yu, A. S., Tian, L., Fleischmann, D., Gable, L., Shan, X., Diehn, M., Loo, B. W., Maxim, P. G.
  ELSEVIER SCIENCE INC.2014: S623–S624

- **CT findings in acute, subacute, and chronic ischemic colitis: suggestions for diagnosis.** *BioMed research international*
  Iacobellis, F., Berritto, D., Fleischmann, D., Gagliardi, G., Brillantino, A., Mazzei, M. A., Grassi, R.
  2014; 2014: 895248

- **Model-based Iterative Reconstruction Compared to Adaptive Statistical Iterative Reconstruction and Filtered Back-projection in CT of the Kidneys and the Adjacent Retroperitoneum.** *Academic radiology*
  Olcott, E. W., Shin, L. K., Sommer, G., Chan, I., Rosenberg, J., Molvin, F. L., Boas, F. E., Fleischmann, D.
  2014; 21 (6): 774-784

- **Debulking of the Anterolateral Quadrant of the Medial Gastrocnemius for Functional Popliteal Entrapment Syndrome in High-Performance Athletes**
  Zayed, M., Fredericson, M., Fleischmann, D., Lee, J. T.
  MOSBY-ELSEVIER.2014: 71S
- **CT Angiography after 20 Years: A Transformation in Cardiovascular Disease Characterization Continues to Advance** *RADIOLOGY*
  Rubin, G. D., Leipsic, J., Schoepf, U. J., Fleischmann, D., Napel, S.
  2014; 271 (3): 633-652
- **SINGLE-CENTER ACUTE AORTIC SYNDROME REGISTRY: A 10-YEAR EXPERIENCE OF "CLASS 3" LIMITED DISSECTION OF THE AORTA**
  Chin, A. S., Kino, A., Berry, G., Rosenberg, J., Fischbein, M., Miller, D., Fleischmann, D.
  ELSEVIER SCIENCE INC.2014: A1000
- **Dose reduction using a dynamic, piecewise-linear attenuator.** *Medical physics*
  Hsieh, S. S., Fleischmann, D., Pelc, N. J.
  2014; 41 (2): 021910-?
- **CT Findings in Acute, Subacute, and Chronic Ischemic Colitis: Suggestions for Diagnosis** *BIOMED RESEARCH INTERNATIONAL*
  Iacobellis, F., Berritto, D., Fleischmann, D., Gagliardi, G., Brillantino, A., Mazzei, M., Grassi, R.
  2014
- **CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT (vol 81, pg 2860, 2012)** *EUROPEAN JOURNAL OF RADIOLOGY*
  Christe, A., Lin, M. C., Yen, A. C., Hallett, R. L., Roychoudhury, K., Schmitzberger, F., Fleischmann, D., Leung, A. N., Rubin, G. D., Vock, P., Roos, J. E.
  2013; 82 (11): 2067
- **Prospective optical motion correction for 3D time-of-flight angiography.** *Magnetic resonance in medicine*
  Kopeinigg, D., Aksoy, M., Forman, C., Straka, M., Seaman, D., Rosenberg, J., Fleischmann, D., Hornegger, J., Bammer, R.
  2013; 69 (6): 1623-1633
- **Prospective optical motion correction for 3D time-of-flight angiography** *MAGNETIC RESONANCE IN MEDICINE*
  Kopeinigg, D., Aksoy, M., Forman, C., Straka, M., Seaman, D., Rosenberg, J., Fleischmann, D., Hornegger, J., Bammer, R.
  2013; 69 (6): 1623–33
- **Pulmonary Circulation Imaging: Embryology and Normal Anatomy** *SEMINARS IN ULTRASOUND CT AND MRI*
  Murillo, H., Cutalo, M. J., Jones, R. P., Lane, M. J., Fleischmann, D., Restrepo, C. S.
  2012; 33 (6): 473-484
- **A pictorial review of acute aortic syndrome: discriminating and overlapping features as revealed by ECG-gated multidetector-row CT angiography.** *Insights into imaging*
  Ueda, T., Chin, A., Petrovitch, I., Fleischmann, D.
  2012; 3 (6): 561-571
- **Feasibility of Pulmonary Interstitial Lymphography-guided Targeting in Stereotactic Ablative Radiation Therapy of Lung Tumors** *54th Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)*
  Abelson, J. A., Kothary, N., Fleischmann, D., Hofmann, L., Kielar, K., Maxim, P., Le, Q., Diehn, M., Loo, B. W.
  ELSEVIER SCIENCE INC.2012: S173–S173
- **CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT** *EUROPEAN JOURNAL OF RADIOLOGY*
  Christe, A., Lin, M. C., Yen, A. C., Hallett, R. L., Roychoudhury, K., Schmitzberger, F., Fleischmann, D., Leung, A. N., Rubin, G. D., Vock, P., Roos, J. E.
  2012; 81 (10): 2860-2866
- **Imaging of the Aorta: Embryology and Anatomy** *SEMINARS IN ULTRASOUND CT AND MRI*
  Murillo, H., Lane, M. J., Punn, R., Fleischmann, D., Restrepo, C. S.
  2012; 33 (3): 169-190
- **State-of-the-Art Computed Tomography Angiography of Acute Aortic Syndrome** *SEMINARS IN ULTRASOUND CT AND MRI*
  Chin, A. S., Fleischmann, D.

2012; 33 (3): 222-234

- **COMPUTED TOMOGRAPHY BASED PREDICTION OF ANGIOGRAPHIC DEPLOYMENT ANGLES MAY REDUCE PROCEDURE TIME AND CONTRAST MEDIUM VOLUME FOR TRANSCATHETER AORTIC VALVE REPLACEMENT** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
  Fleischmann, D., Dao, C., Blake, T., Boas, F. E., Liang, D., Yeung, A., Fearon, W., Fischbein, M., Miller, D. C.
  ELSEVIER SCIENCE INC.2012: E1199–E1199
- **ACCURACY AND REPRODUCIBILITY OF CONTRAST ENHANCED AND NON-ENHANCED COMPUTED TOMOGRAPHY FOR PREDICTING THE ANGIOGRAPHIC DEPLOYMENT ANGLE IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
  Dao, C. N., Blake, T., Liang, D., Fischbein, M. P., Yeung, A., Fearon, W., Miller, D. C., Fleischmann, D.
  ELSEVIER SCIENCE INC.2012: E1195–E1195
- **Cardiac Paraganglioma: Diagnostic and Surgical Challenges** *JOURNAL OF CARDIAC SURGERY*
  Huo, J. L., Choi, J. C., DeLuna, A., Lee, D., Fleischmann, D., Berry, G. J., Deuse, T., Haddad, F.
  2012; 27 (2): 178-182
- **Antiangiogenic and Radiation Therapy Early Effects on In Vivo Computed Tomography Perfusion Parameters in Human Colon Cancer Xenografts in Mice** *INVESTIGATIVE RADIOLOGY*
  Ren, Y., Fleischmann, D., Foygel, K., Molvin, L., Lutz, A. M., Koong, A. C., Jeffrey, R. B., Tian, L., Willmann, J. K.
  2012; 47 (1): 25-32
- **Evaluation of a metal artifact reduction technique in tonsillar cancer delineation** *PRACTICAL RADIATION ONCOLOGY*
  Abelson, J. A., Murphy, J. D., Wiegner, E. A., Abelson, D., Sandman, D. N., Boas, F., Hristov, D., Fleischmann, D., Daly, M. E., Chang, D. T., Loo, B. W., Hara, W., Le, et al
  2012; 2 (1): 27–34
- **Centerline Reformations of Complex Vascular Structures** *5th IEEE Pacific Visualization Symposium*
  Mistelbauer, G., Varchola, A., Bouzari, H., Starinsky, J., Koechl, A., Schernthaner, R., Fleischmann, D., Groeller, M. E., Sramek, M.
  IEEE COMPUTER SOC.2012: 233–240
- **Evaluation of a metal artifact reduction technique in tonsillar cancer delineation.** *Practical radiation oncology*
  Abelson, J. A., Murphy, J. D., Wiegner, E. A., Abelson, D., Sandman, D. N., Boas, F. E., Hristov, D., Fleischmann, D., Daly, M. E., Chang, D. T., Loo, B. W., Hara, W., Le, et al
  2012; 2 (1): 27-34
- **Coil Embolization of a Left Circumflex Feeder Branch in a Patient With a Mediastinal Paraganglioma** *JACC-CARDIOVASCULAR INTERVENTIONS*
  Ho, M. Y., Fleischmann, D., Forrester, M. D., Lee, D. P.
  2011; 4 (12): 1345-1346
- **Targeting Lung Tumors in Image-Guided Stereotactic Ablative Radiotherapy using Pulmonary Interstitial Lymphography**
  Abelson, J. A., Kothary, N., Fleischmann, D., Hofmann, L., Kielar, K. N., Maxim, P. G., Le, Q., Hara, W. Y., Diehn, M., Loo, B. W.
  ELSEVIER SCIENCE INC.2011: S601–S601
- **Three- and Four-Dimensional Imaging in Acute Aortic Syndrome** *DISEASES OF THE HEART AND CHEST, INCLUDING BREAST 2011-2014: DIAGNOSTIC IMAGING AND INTERVENTIONAL TECHNIQUES*
  Fleischmann, D., Chin, A. S., Miller, D.
  edited by Hodler, J., VonSchulthess, G. K., Zollikofer, C. L.
  2011: 117–26
- **Assessment of Aortic Annulus Diameter with Three-dimensional Transesophageal Echocardiography: Implications for Transcatheter Aortic Valve Implantation**
  Dao, C., Fleischmann, D., Kratzert, B., Wong, J. K., McConnell, M. V., Liang, D. H.
  LIPPINCOTT WILLIAMS & WILKINS.2010
- **Incomplete Endograft Apposition to the Aortic Arch: Bird-Beak Configuration Increases Risk of Endoleak Formation after Thoracic Endovascular Aortic Repair** *RADIOLOGY*
  Ueda, T., Fleischmann, D., Dake, M. D., Rubin, G. D., Sze, D. Y.
  2010; 255 (2): 645-652

- **CT Angiography: Injection and Acquisition Technique** *RADIOLOGIC CLINICS OF NORTH AMERICA*
  Fleischmann, D.
  2010; 48 (2): 237-?

- **Embolization of a Symptomatic Systemic to Pulmonary (Right-to-left) Venous Shunt Caused by Fibrosing Mediastinitis and Superior Vena Caval Occlusion** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Sze, D. Y., Fleischmann, D., Ma, A. O., Price, E. A., McConnell, M. V.
  2010; 21 (1): 140-143

- **Infolding and collapse of thoracic endoprostheses: Manifestations and treatment options** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  Sze, D. Y., Mitchell, R. S., Miller, D. C., Fleischmann, D., Frisoli, J. K., Kee, S. T., Verma, A., Sheehan, M. P., Dake, M. D.
  2009; 138 (2): 324-333

- **Lower Extremity CT Angiography (CTA): Initial Evaluation of a Knowledge-Based Centerline Estimation Algorithm for Femoro-Popliteal Artery (FPA) Occlusions** *ACADEMIC RADIOLOGY*
  Roos, J. E., Rakshe, T., Tran, D. N., Rosenberg, J., Straka, M., El-Helw, T., Sofilos, M. C., Napel, S., Fleischmann, D.
  2009; 16 (6): 646-653

- **Value of MDCT Angiography in Developing Treatment Strategies for Critical Limb Ischemia** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Schernthaner, R., Fleischmann, D., Stadler, A., Schernthaner, M., Lammer, J., Loewe, C.
  2009; 192 (5): 1416-1424

- **Optimal Vascular and Parenchymal Contrast Enhancement: The Current State of the Art** *RADIOLOGIC CLINICS OF NORTH AMERICA*
  Fleischmann, D., Kamaya, A.
  2009; 47 (1): 13-?

- **Contrast Medium Utilization** *INTEGRATED CARDIOTHORACIC IMAGING WITH MDCT*
  Fleischmann, D., Lin, M. C. C.
  edited by RemyJardin, M., Remy, J.
  2009: 53–63

- **Acute Aortic Syndromes: New Insights from Electrocardiographically Gated Computed Tomography** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*
  Fleischmann, D., Mitchell, R., Miller, D.
  2008; 20 (4): 340–47

- **Imaging of the Thoracic Aorta Before and After Stent-Graft Repair of Aneurysms and Dissections** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*
  Ueda, T., Fleischmann, D., Rubin, G. D., Dake, M. D., Sze, D. Y.
  2008; 20 (4)

- **Technical Advances in Cardiovascular Imaging** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*
  Fleischmann, D., Liang, D. H., Herfkens, R. J.
  2008; 20 (4): 333–39

- **Pre- and Postoperative Imaging of the Aortic Root for Valve-Sparing Aortic Root Repair (V-SARR)** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*
  Fleischmann, D., Liang, D. H., Mitchell, R., Miller, D.
  2008; 20 (4): 365–73

- **Surgically palliated double-inlet left ventricle with transposition of the great arteries mistaken for aortic aneurysm with dissection** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
  Gupta, A., Fleischmann, D., Murphy, D. J., Wu, J. C.
  2008; 128 (2): E82-E84

- **Unexpected findings during the anesthetic management of a patient with a cardiac paraganglioma** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
  Soran, P. D., Akram, S., Mihm, F., Fleischmann, D., Reitz, B., van der Starre, P.
  2008; 22 (4): 570-572

- **Multidetector CT angiography in the assessment of peripheral arterial occlusive disease: accuracy in detecting the severity, number, and length of stenoses** *EUROPEAN RADIOLOGY*
  Schernthaner, R., Stadler, A., Lomoschitz, F., Weber, M., Fleischmann, D., Lammer, J., Loewe, C.
  2008; 18 (4): 665-671
- **The aortopathy of bicuspid aortic valve disease has distinctive patterns and usually involves the transverse aortic arch** *33rd Annual Meeting of the Western-Thoracic-Surgical-Association*
  Fazel, S. S., Mallidi, H. R., Lee, R. S., Sheehan, M. P., Liang, D., Fleischman, D., Herfkens, R., Mitchell, S., Miller, D. C.
  MOSBY-ELSEVIER.2008: 901–U54
- **Pre- and postoperative imaging of the aortic root for valve-sparing aortic root repair (V-SARR).** *Seminars in thoracic and cardiovascular surgery*
  Fleischmann, D., Liang, D. H., Mitchell, R. S., Miller, D. C.
  2008; 20 (4): 365-373
- **Advances in imaging of cardiovascular diseases: introduction.** *Seminars in thoracic and cardiovascular surgery*
  Fleischmann, D., Liang, D. H., Miller, D. C.
  2008; 20 (4): 332-?
- **Imaging of the thoracic aorta before and after stent-graft repair of aneurysms and dissections.** *Seminars in thoracic and cardiovascular surgery*
  Ueda, T., Fleischmann, D., Rubin, G. D., Dake, M. D., Sze, D. Y.
  2008; 20 (4): 348-357
- **Technical advances in cardiovascular imaging.** *Seminars in thoracic and cardiovascular surgery*
  Fleischmann, D., Liang, D. H., Herfkens, R. J.
  2008; 20 (4): 333-339
- **Acute aortic syndromes: new insights from electrocardiographically gated computed tomography.** *Seminars in thoracic and cardiovascular surgery*
  Fleischmann, D., Mitchell, R. S., Miller, D. C.
  2008; 20 (4): 340-347
- **Effect of MDCT angiographic findings on the management of intermittent claudication** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Schernthaner, R., Fleischmann, D., Lomoschitz, F., Stadler, A., Lammer, J., Loewe, C.
  2007; 189 (5): 1215-1222
- **Rapid aneurysmal degeneration of a Stanford type B aortic dissection in a patient with Loeys-Dietz syndrome** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  Lee, R. S., Fazel, S., Schwarze, U., Fleischmann, D., Berry, G. J., Liang, D., Miller, D. C., Mitchell, R. S.
  2007; 134 (1): 242-U32
- **Clinical 3D and 4D imaging of the thoracic aorta** *39th International Diagnostic Course*
  Fleischmann, D., Miller, D. C.
  SPRINGER-VERLAG ITALIA.2007: 119–130
- **Tools of the trade for CTA: MDCT scanners and contrast medium injection protocols.** *Techniques in vascular and interventional radiology*
  Hallett, R. L., Fleischmann, D.
  2006; 9 (4): 134-142
- **Giant coronary aneurysms in heart transplantation: an unusual presentation of cardiac allograft vasculopathy** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Haddad, F., Perez, M., Fleischmann, D., Valantine, H., Hunt, S. A.
  2006; 25 (11): 1367-1370
- **Peripheral CT angiography for interventional treatment planning.** *European radiology*
  Fleischmann, D., Lammer, J.
  2006; 16: M58-64
- **Unusual case of late thoracic stent graft failure after cardioversion** *ANNALS OF THORACIC SURGERY*
  Caffarelli, A. D., BANOVAC, F., Cheung, S. C., Fleischmann, D., Mitchell, R. S.

2006; 81 (5): 1875-1877

- **PTA versus carbofilm-coated stents in infrapopliteal arteries: Pilot study** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  Rand, T., Basile, A., Cejna, M., Fleischmann, D., Funovics, M., Gschwendtner, M., Haumer, M., Von Katzler, I., Kettenbach, J., Lomoschitz, F., Luft, C., Minar, E., Schneider, et al
  2006; 29 (1): 29-38
- **CT angiography of peripheral arterial disease** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Fleischmann, D., Hallett, R. L., Rubin, G. D.
  2006; 17 (1): 3-26
- **Peripheral CT angiography for interventional treatment planning** *European Radiology*
  Fleischmann D, Lammer J
  2006; 16 Supp.7: M58-M64
- **How to design injection protocols for multiple detector-row CT angiography (MDCTA)** *EUROPEAN RADIOLOGY*
  Fleischmann, D.
  2005; 15: E60-E65
- **Angiographic imaging of the lower extremities with multidetector CT** *RADIOLOGIC CLINICS OF NORTH AMERICA*
  Hiatt, M. D., Fleischmann, D., Hellinger, J. C., Rubin, G. D.
  2005; 43 (6): 1119-?
- **Detection of endograft fractures with multidetector row computed tomography** *JOURNAL OF VASCULAR SURGERY*
  Roos, J. E., Hellinger, J. C., Hallet, R., Fleischmann, D., Zarins, C. K., Rubin, G. D.
  2005; 42 (5): 1002-1006
- **CT angiography of pulmonary artery aneurysms in Hughes-Stovin syndrome** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Ketchum, E. S., Zamanian, R. T., Fleischmann, D.
  2005; 185 (2): 330-332
- **Multidetector CT imaging thoracoabdominal of aortic aneurysms** *105th Annual Meeting of the American-Roentgen-Ray-Society*
  Kamaya, A., Cheung, S., Miller, D. C., Hellinger, J. C., Hallett, R., Fleischmann, D.
  AMER ROENTGEN RAY SOC.2005: 134–34
- **Multidetector-row CT angiography (MDCTA) of the upper extremity: Technique and applications**
  Poplaw, S., Hellinger, J. C., Hallett, R., Hiatt, M., Fleischmann, D., Rubin, G. D.
  AMER ROENTGEN RAY SOC.2005: 134
- **Computed tomography angiography - State-of-the-art imaging using multidetector-row technology** *Conference on Advances in Multi-Detector CT*
  Napoli, A., Fleischmann, D., Chan, F. P., Catalano, C., Hellinger, J. C., Passariello, R., Rubin, G. D.
  LIPPINCOTT WILLIAMS & WILKINS.2004: S32–S45
- **Successful treatment of a Stanford type A dissection by percutaneous placement of a covered stent graft in the ascending aorta** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  Ihnken, K., Sze, D., Dake, M. D., Fleischmann, D., van der Starre, P., Robbins, R.
  2004; 127 (6): 1808-1810
- **Value of negative spiral CT angiography in patients with suspected acute PE: analysis of PE occurrence and outcome** *EUROPEAN RADIOLOGY*
  Krestan, C. R., Klein, N., Fleischmann, D., Kaneider, A., Novotny, C., Kreuzer, S., Riedl, C., Minar, E., Janata, K., Herold, C. J.
  2004; 14 (1): 93-98
- **Assessment for traumatic extremity vascular injury with multidetector-row CT angiography: Clinical experience in 35 exams**
  Hellinger, J. C., Williamson, E., Fleischmann, D., Rubin, G. D.
  AMER ROENTGEN RAY SOC.2004: 79
- **Non-linear model fitting to parameterize diseased blood vessels** *IEEE Visualization 2004 Conference*
  La Cruz, A., Straka, M., Kochl, A., Sramek, M., Groller, E., Fleischmann, D.
  IEEE.2004: 393–400

- **The VesselGlyph: Focus & context visualization in CT-angiography** *IEEE Visualization 2004 Conference*
  Straka, M., Cervenansky, M., La Cruz, A., Kochl, A., Sramek, M., Groller, E., Fleischmann, D.
  IEEE.2004: 385–392
- **Use of high-concentration contrast media in multi pie-detector-row CT: principles and rationale** *4th Bracco Symposium on Multidetector-Row Computed Tomography*
  Fleischmann, D.
  SPRINGER.2003: M14–M20
- **MDCT of renal and mesenteric vessels** *4th Bracco Symposium on Multidetector-Row Computed Tomography*
  Fleischmann, D.
  SPRINGER.2003: M94–M101
- **Future prospects in MDCT imaging** *4th Bracco Symposium on Multidetector-Row Computed Tomography*
  Fleischmann, D.
  SPRINGER.2003: M127–M128
- **High-concentration contrast media in MDCT angiography: principles and rationale** *EUROPEAN RADIOLOGY*
  Fleischmann, D.
  2003; 13: N39-N43
- **Use of high concentration contrast media: principles and rationale - vascular district** *3rd Bracco Symposium on MDCT*
  Fleischmann, D.
  ELSEVIER IRELAND LTD.2003: S88–S93
- **Multiple detector-row CT angiography of the renal and mesenteric vessels** *3rd Bracco Symposium on MDCT*
  Fleischmann, D.
  ELSEVIER IRELAND LTD.2003: S79–S87
- **Advanced Curved Planar Reformation: Flattening of Vascular Structures** *IEEE Visualization 2003*
  Kanitsar A, Wegenkittl R, Fleischmann D, Gröller E
  2003: 43-50
- **Bone segmentation in CT-angiography data using a probabilistic atlas** *8th Workshop on Vision, Modeling, and Visualization (VMV 2003)*
  Straka, M., Lacruz, A., Kochl, A., Dimitrov, L. I., Sramek, M., Fleischmann, D., Groller, E.
  AKADEMISCHE VERLAGSGESELLSCH AKA GMBH.2003: 505–512
- **Advanced curved planar reformation: Flattening of vascular structures** *IEEE Visualization 2003 Conference*
  Kanitsar, A., Wegenkittl, R., Fleischmann, D., Groller, M. E.
  IEEE.2003: 43–50
- **Bone Segmentation in CT Angiography Data Using a Probabilistic Atlas** *Vision, Modeling, and Visualization VMV 2003*
  Straka M, La Cruz A, Köchl A, Dimitrov LI, Srámek M, Fleischmann D, Gröller E
  2003: 505-512
- **Endovascular stent-graft repair of complicated penetrating atherosclerotic ulcers of the descending thoracic aorta** *JOURNAL OF VASCULAR SURGERY*
  Schoder, M., Grabenwoger, M., Holzenbein, T., Domanovits, H., Fleischmann, D., Wolf, F., Cejna, M., Lammer, J.
  2002; 36 (4): 720-726
- **Present and future trends in multiple detector-row CT applications: CT angiography** *EUROPEAN RADIOLOGY*
  Fleischmann, D.
  2002; 12: S11-S15
- **Images in cardiovascular medicine. Left main coronary artery compression by the pulmonary trunk in pulmonary hypertension.** *Circulation*
  Bonderman, D., Fleischmann, D., Prokop, M., Klepetko, W., Lang, I. M.
  2002; 105 (2): 265-?
- **[CT angiography (CTA)].** *Wiener medizinische Wochenschrift. Supplement*
  Fleischmann, D.

2002: 53-58

- **CPR - Curved Planar Reformation** *IEEE Visualization 2002 Conference*
  Kanitsar, A., Fleischmann, D., Wegenkittl, R., Felkel, P., Groller, M. E.
  IEEE.2002: 37–44
- **Christmas tree case study: Computed tomography as a tool for mastering complex real world objects with applications in computer graphics** *IEEE Visualization 2002 Conference*
  Kanitsar, A., Theussl, T., Mroz, L., Sramek, M., Bartroli, A. V., Csebfalvi, B., Hladuvka, J., Fleischmann, D., Knapp, M., Wegenkittl, R., Felkel, P., Rottger, S., Guthe, et al
  IEEE.2002: 489–492
- **Internal iliac artery embolization before endovascular repair of abdominal aortic aneurysms: Frequency, efficacy, and clinical results** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Schoder, M., Zaunbauer, L., Holzenbein, T., Fleischmann, D., Cejna, M., Kretschmer, G., Thurnher, S., Lammer, J.
  2001; 177 (3): 599-605
- **Three-dimensional visualization of pulmonary thromboemboli in chronic thromboembolic pulmonary hypertension with multiple detector-row spiral computed tomography** *CIRCULATION*
  Fleischmann, D., Scholten, C., Klepetko, W., Lang, I. M.
  2001; 103 (24): 2993-2993
- **Iliac arterial injuries after endovascular repair of abdominal aortic aneurysms: Correlation with iliac curvature and diameter** *RADIOLOGY*
  Tillich, M., Bell, R. E., Paik, D. S., Fleischmann, D., Sofilos, M. C., Logan, L. J., Rubin, G. D.
  2001; 219 (1): 129-136
- **Long-term MRI observations of childhood-onset relapsing-remitting multiple sclerosis** *NEUROPEDIATRICS*
  Balassy, C., Bernert, G., Wober-Bingol, C., Csapo, B., Kornek, B., Szeles, J., Fleischmann, D., Prayer, D.
  2001; 32 (1): 28-37
- **Computed Tomography Angiography: A Case Study of Peripheral Vessel Investigation** *IEEE Visualization 2001*
  Kanitsar A, Wegenkittl R, Felkel P, Fleischmann D, Sandner D, Gröller E
  2001: 477-480
- **Computed tomography angiography: A case study of peripheral vessel investigation** *IEEE Visualization Conference*
  Kanitsar, A., Wegenkittl, R., Felkel, P., Fleischmann, D., Sandner, D., Groller, E.
  IEEE.2001: 477–480
- **Equipment availability and diagnostic strategies for suspected pulmonary embolism in Austria** *EUROPEAN RADIOLOGY*
  Schibany, N., Fleischmann, D., Thallinger, C., Schibany, A., Hahne, J., Ba-Ssalamah, A., Herold, C. J.
  2001; 11 (11): 2287-2294
- **High-resolution CT of diffuse interstitial lung disease: key findings in common disorders** *EUROPEAN RADIOLOGY*
  Schaefer-Prokop, C., Prokop, M., Fleischmann, D., Herold, C.
  2001; 11 (3): 373-392
- **Early pulmonary involvement in ankylosing spondylitis: Assessment with thin-section CT** *CLINICAL RADIOLOGY*
  Turetschek, K., Ebner, W., Fleischmann, D., Wunderbaldinger, P., Erlacher, L., Zontsich, T., Bankier, A. A.
  2000; 55 (8): 632-636
- **Partial fat-saturated contrast-enhanced three-dimensional MR angiography compared with non-fat-saturated and conventional fat-saturated MR angiography** *RADIOLOGY*
  Hilfiker, P. R., Herfkens, R. J., Heiss, S. G., Alley, M. T., Fleischmann, D., Pelc, N. J.
  2000; 216 (1): 298-303
- **Stair-step artifacts with single versus multiple detector-row helical CT** *85th Annual Meeting and Scientific Assembly of the Radiological-Society-of-North-America (RSNA)*
  Fleischmann, D., Rubin, G. D., Paik, D. S., Yen, S. Y., Hilfiker, P. R., Beaulieu, C. F., Napel, S.
  RADIOLOGICAL SOC NORTH AMERICA.2000: 185–96
- **Computed tomographic angiography: Historical perspective and new state-of-the-art using multi detector-row helical computed tomography** *Workshop on Multiple Perspectives in Magnetic Resonance Imaging Contrast*

Rubin, G. D., Shiau, M. C., Schmidt, A. J., Fleischmann, D., Logan, L., Leung, A. N., Jeffrey, R. B., Napel, S.
LIPPINCOTT WILLIAMS & WILKINS.1999: S83–S90

- **Thoracic venous anatomy delineated by malpositioned central venous catheters on plain chest films** *JOURNAL OF THORACIC IMAGING*
  Wunderbaldinger, P., Bankier, A. A., Kreuzer, S., Turetschek, K., Fleischmann, D., Herold, C. J.
  1999; 14 (4): 286-292
- **Evolution of CT findings in patients with cystic fibrosis** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Helbich, T. H., Heinz-Peer, G., Fleischmann, D., Wojnarowski, C., Wunderbaldinger, P., Huber, S., Eichler, I., Herold, C. J.
  1999; 173 (1): 81-88
- **Subjective differentiation of normal and pathological bronchi on thin-section CT: impact of observer training** *EUROPEAN RESPIRATORY JOURNAL*
  Bankier, A. A., Fleischmann, D., de Maertelaer, V., Kontrus, M., Zontsich, T., Hittmair, K., Mallek, R.
  1999; 13 (4): 781-786
- **Quiz case 5** *EUROPEAN JOURNAL OF RADIOLOGY*
  Henk, C., Fleischmann, D., Turetschek, K., Mostbeck, G.
  1999; 29 (3): 259-261
- **[Diagnostic imaging in intensive care. Techniques, indications, diagnostic signs--II].** *Der Internist*
  Bankier, A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1999; 40 (3): W294-304
- **Imaging in intensive care medicine - Techniques, indications, diagnostic signs - Part one** *INTERNIST*
  Bankier, A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1999; 40 (2): 190-204
- **Contrast optimization in CT angiography** *RADIOLOGE*
  Hittmair, K., Wunderbaldinger, P., Fleischmann, D.
  1999; 39 (2): 93-99
- **[Diagnostic imaging in intensive care medicine. Techniques, indications, diagnostic signs--I].** *Der Internist*
  Bankier, A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1999; 40 (2): W190-204
- **Imaging in intensive care medicine. Techniques, indications, diagnostic signs: part II** *RADIOLOGE*
  Bankier, A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1998; 38 (12): 1089-1099
- **[Imaging in intensive care. Methods, indications, diagnostic signs. I].** *Der Radiologe*
  Bankier, A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1998; 38 (11): 972-986
- **Imaging in intensive care medicine. Techniques, indications, diagnostic signs: Part I** *RADIOLOGE*
  Bankier, A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1998; 38 (11): 972-986
- **Radiographic findings in patients with acquired immunodeficiency syndrome, pulmonary infection, and microbiologic evidence of Mycobacterium xenopi** *JOURNAL OF THORACIC IMAGING*
  Bankier, A. A., Stauffer, F., Fleischmann, D., Kreuzer, S., Strasser, G., Mossbacher, U., Mallek, R.
  1998; 13 (4): 282-288
- **[Spiral CT angiography in diagnosis of acute pulmonary embolism. What factors modify implementation of standard algorithms?].** *Der Radiologe*
  Bankier, A., Herold, C. J., Fleischmann, D., Janata-Schwatczek, K.
  1998; 38 (4): 248-255
- **Spiral-CT-angiography of acute pulmonary embolism: factors that influence the implementation into standard diagnostic algorithms** *RADIOLOGE*
  Bankier, A., Herold, C. J., Fleischmann, D., Janata-Schwatczek, K.

1998; 38 (4): 248-255

- **Comparison of T2-weighted and fluid-attenuated inversion-recovery fast spin-echo MR sequences in intracerebral AIDS-associated disease** *AMERICAN JOURNAL OF NEURORADIOLOGY*
  Thurnher, M. M., Thumher, S. A., Fleischmann, D., Steuer, A., Rieger, A., Helbich, T., Trattnig, S., Schindler, E., Hittmair, K.
  1997; 18 (9): 1601-1609
- **Progressive multifocal leukoencephalopathy in AIDS: initial and follow-up CT and MRI** *NEURORADIOLOGY*
  Thurnher, M. M., Thurnher, S. A., Muhlbauer, B., Hainfellner, J. A., Steuer, A., Fleischmann, D., Trattnig, S., Budka, H., Schindler, E.
  1997; 39 (9): 611-618
- **Pulmonary hypertension and cor pulmonale** *RADIOLOGE*
  Henk, C. B., Gabriel, H., Fleischmann, D., Schoder, M., Mostbeck, G. H.
  1997; 37 (5): 388-401
- **Radiographic detection of intrabronchial malpositions of nasogastric tubes and subsequent complications in intensive care unit patients** *INTENSIVE CARE MEDICINE*
  Bankier, A. A., WIESMAYR, M. N., Henk, C., Turetschek, K., Winkelbauer, F., Mallek, R., Fleischmann, D., Janata, K., Herold, C. J.
  1997; 23 (4): 406-410
- **Radiographically occult scaphoid fractures: Value of MR imaging in detection** *RADIOLOGY*
  Breitenseher, M. J., Metz, V. M., Gilula, L. A., Gaebler, C., Kukla, C., Fleischmann, D., Imhof, H., Trattnig, S.
  1997; 203 (1): 245-250
- **Severity assessment of acute pulmonary embolism with spiral CT: Evaluation of two modified angiographic scores and comparison with clinical data** *JOURNAL OF THORACIC IMAGING*
  Bankier, A. A., Janata, K., Fleischmann, D., Kreuzer, S., Mallek, R., Frossard, M., Domanovits, H., Herold, C. J.
  1997; 12 (2): 150-158
- **MRI of the sinus tarsi in acute ankle sprain injuries** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
  Breitenseher, M. J., Haller, J., Kukla, C., Gaebler, C., Kaider, A., Fleischmann, D., Helbich, T., Trattnig, S.
  1997; 21 (2): 274-279
- **Diagnostic imaging in lung transplantation** *RADIOLOGE*
  Bankier, A. A., Hormann, M., Aram, L., Fleischmann, D.
  1997; 37 (3): 211-219
- **[Diagnostic imaging within the scope of lung transplantation].** *Der Radiologe*
  Bankier, A. A., Hörmann, M., Aram, L., Fleischmann, D.
  1997; 37 (3): 211-219
- **Azygos arch cannulation by central venous catheters: Radiographic detection of malposition and subsequent complications** *JOURNAL OF THORACIC IMAGING*
  Bankier, A. A., Mallek, R., WIESMAYR, M. N., Fleischmann, D., Kranz, A., Kontrus, M., Knapp, S., Winkelbauer, F. W.
  1997; 12 (1): 64-69
- **Imaging procedure in intensive care medicine .2. Techniques, indications, diagnostic signs** *ANAESTHESIST*
  Bankier, A. A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1996; 45 (9): 869-880
- **Deep venous thrombosis of the lower extremity efficacy of spiral CT venography compared with conventional venography in diagnosis** *RADIOLOGY*
  Baldt, M. M., Zontsich, T., Stumptlen, A., Fleischmann, D., Schneider, B., Minar, E., Mostbeck, G. H.
  1996; 200 (2): 423-428
- **Pleural and pulmonary alterations caused by rheumatoid arthritis** *RADIOLOGE*
  Bankier, A. A., Fleischmann, D., Kiener, H. P., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (8): 637-645
- **Imaging in intensive-care - Techniques, indications, diagnostics** *ANAESTHESIST*
  Bankier, A. A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.

1996; 45 (8): 769-786

- **[Pleural and pulmonary changes within the scope of rheumatoid arthritis].** *Der Radiologe*
  Bankier, A. A., Fleischmann, D., Kiener, H. P., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (8): 637-645
- **[Imaging in intensive care medicine. I. Techniques, indications, diagnostic signs].** *Der Anaesthesist*
  Bankier, A. A., Fleischmann, D., Aram, L., Heimberger, K., Schindler, E., Herold, C. J.
  1996; 45 (8): 769-786
- **[Calcium in the lung or: it might not always be tuberculosis].** *Der Radiologe*
  Henk, C. B., Liskutin, J., Fleischmann, D., Mostbeck, G. H.
  1996; 36 (7): 534-542
- **[Computerized tomography of AIDS associated thoracic diseases].** *Der Radiologe*
  Bankier, A. A., Fleischmann, D., Kontrus, M., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (7): 543-549
- **Computed tomography in AIDS-related thoracic diseases** *RADIOLOGE*
  Bankier, A. A., Fleischmann, D., Kontrus, M., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (7): 543-549
- **[Computerized tomography of AIDS associated thoracic diseases].** *Der Radiologe*
  Bankier, A. A., Fleischmann, D., Kontrus, M., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (7): 543-549
- **[Spiral-CT [corrected] in chronic lung thromboembolism.** *Der Radiologe*
  Kontrus, M., Bankier, A. A., Fleischmann, D., Winkelbauer, F. W., Klepetko, W., Lang, I., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (6): 496-502
- **Diagnosis of pulmonary embolism using spiral-CT** *RADIOLOGE*
  Fleischmann, D., Kontrus, M., Bankier, A. A., WIESMAYR, M. N., JanataSchwatczek, K., Herold, C. J.
  1996; 36 (6): 489-495
- **Spiral CT in patients with chronic thromboembolic lung disease** *RADIOLOGE*
  Kontrus, M., Bankier, A. A., Fleischmann, D., Winkelbauer, F. W., Klepetko, W., Lang, I., WIESMAYR, M. N., Herold, C. J.
  1996; 36 (6): 496-502
- **Bronchial wall thickness: Appropriate window settings for thin-section CT and radiologic-anatomic correlation** *RADIOLOGY*
  Bankier, A. A., Fleischmann, D., Mallek, R., Windisch, A., Winkelbauer, F. W., Kontrus, M., Havelec, L., Herold, C. J., Hubsch, P.
  1996; 199 (3): 831-836
- **[Spiral CT in acute pulmonary embolism].** *Der Radiologe*
  Fleischmann, D., Kontrus, M., Bankier, A. A., WIESMAYR, M. N., Janata-Schwatczek, K., Herold, C. J.
  1996; 36 (6): 489-495
- **[Radiological diagnosis of emphysema prior to volume-reduction surgery].** *Wiener medizinische Wochenschrift*
  Kontrus, M., Bankier, A. A., Fleischmann, D., Herneth, A., Herold, C. J.
  1996; 146 (23): 587-591
- **Lung metastases** *EUROPEAN RADIOLOGY*
  Herold, C. J., Bankier, A. A., Fleischmann, D.
  1996; 6 (5): 596-606
- **DISCRETE LUNG INVOLVEMENT IN SYSTEMIC LUPUS-ERYTHEMATOSUS - CT ASSESSMENT** *RADIOLOGY*
  Bankier, A. A., Kiener, H. P., WIESMAYR, M. N., Fleischmann, D., Kontrus, M., Herold, C. J., GRANINGER, W., Hubsch, P.
  1995; 196 (3): 835-840
- **AUTOMATIC PATIENT-INSTRUCTION DEVICES IN THIN-SECTION CT OF THE THORAX - IMPACT ON IMAGE QUALITY** *1994 Radiological-Society-of-North-America Scientific Assembly*
  Bankier, A. A., Fleischmann, D., KANTENDORFER, K., WIESMAYR, M. N., Kontrus, M., Hubsch, P., Herold, C. J.

RADIOLOGICAL SOC NORTH AMERICA.1995: 841–44

- **ULTRASOUND IMAGING FOR STELLATE GANGLION BLOCK - DIRECT VISUALIZATION OF PUNCTURE SITE AND LOCAL-ANESTHETIC SPREAD - A PILOT-STUDY** *REGIONAL ANESTHESIA*
  Kapral, S., Krafft, P., Gosch, M., Fleischmann, D., Weinstabl, C.
  1995; 20 (4): 323-328
- **UPDATE - ABDOMINAL TUBERCULOSIS - UNUSUAL FINDINGS ON CT** *CLINICAL RADIOLOGY*
  Bankier, A. A., Fleischmann, D., WIESMAYER, M. N., Putz, D., Kontrus, M., Hubsch, P., Herold, C. J.
  1995; 50 (4): 223-228
- **POSITION OF JUGULAR OXYGEN-SATURATION CATHETER IN PATIENTS WITH HEAD TRAUMA - ASSESSMENT BY USE OF PLAIN FILMS** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Bankier, A. A., Fleischmann, D., Windisch, A., Germann, P., PETRITSCHEK, W., WIESMAYR, M. N., Hubsch, P.
  1995; 164 (2): 437-441
- **[Right aortic arch simulates mediastinal tumor: diagnosis with spiral CT].** *Aktuelle Radiologie*
  Bankier, A., Fleischmann, D., WIESMAYR, M., Hübsch, P.
  1995; 5 (1): 70-72
- **[Candida glabrata pneumonia in a non-immunosuppressed patient: diagnostic imaging with digital luminescence radiography and CT].** *Aktuelle Radiologie*
  Bankier, A., Fleischmann, D., WIESMAYR, M., Laczika, K., Hübsch, P.
  1994; 4 (4): 192-194
- **[Percutaneous drainage of intra-abdominal abscesses in Crohn disease].** *Aktuelle Radiologie*
  WIESMAYR, M., Bankier, A., Fleischmann, D., Karnel, F.
  1994; 4 (4): 184-187
- **[Bronchiolitis obliterans accompanied by organizing pneumonia: radiologic diagnosis in a case of a 22-year-old female].** *Aktuelle Radiologie*
  Bankier, A., Fleischmann, D., Baldt, M., Hübsch, P.
  1994; 4 (1): 39-40
- **RAPID SCREENING FOR BACTERIURIA IN PREGNANCY** *INFECTION*
  GRANINGER, W., Fleischmann, D., Schneeweiss, B., Aram, L., Stockenhuber, F.
  1992; 20 (1): 9-11
- **In vitro uptake 153gadolinium and gadolinium complexes by hyaline articular cartilage.** *European journal of radiology*
  Engel, A., Hamilton, G., Hajek, P., Fleischmann, D.
  1990; 11 (2): 104-106
- **Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score.** *Journal of computer assisted tomography*
  Zhu, G. n., Li, Y. n., Ding, V. n., Jiang, B. n., Ball, R. L., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Gupta, A. n., Saba, L. n., Hom, J. n., Wintermark, et al
  ; 43 (3): 452–59
- **Endovascular Aortic Repair After Proximal Stent Graft Migration of a Modified Frozen Elephant Trunk.** *Innovations (Philadelphia, Pa.)*
  Dalal, A. R., Pedroza, A. J., Iwakoshi, S. n., Lee, J. T., Fleischmann, D. n., Watkins, A. C.
  ; 15 (2): 169–72