



Dominik Fleischmann

Professor of Radiology (Cardiovascular Imaging) at the Stanford University Medical Center

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Diagnostic Radiology**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

CLINICAL FOCUS

- Cardiovascular Imaging
- Diagnostic Radiology
- Radiology

ACADEMIC APPOINTMENTS

- Professor - Med Center 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)

PROFESSIONAL EDUCATION

- Board Certification: Diagnostic Radiology, Austria Medical Chamber (1997)
- Internship: AO Krankenhaus Allentsteig (1991) Austria
- Medical Education: University of Vienna Medical School (1989) Austria
- Residency: University of Vienna (1997) Austria
- MD, University of Vienna, Austria, Medicine (1989)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Non-invasive Cardiovascular Imaging

Image Post-processing

Contrast Medium Dynamics

CLINICAL TRIALS

- Diagnostic Performance of Coronary CT Angiography With CT FFR in Kidney Transplantation Candidates, Recruiting
- Perfusion CT as a Predictor of Treatment Response in Patients With Hepatic Malignancies, Not Recruiting
- Perfusion CT as a Predictor of Treatment Response in Patients With Rectal Cancer, Not Recruiting
- Perfusion CT Monitoring to Predict Treatment Efficacy in Renal Cell Carcinoma, Not Recruiting
- Prognostic Value of Baseline Computed Tomography (CT) Perfusion Parameters of Pancreatic Cancer for Patients Undergoing Stereotactic Body Radiotherapy or Surgical Resection, Not Recruiting

Teaching

COURSES

2019-20

- Introduction to Cardiac Image Processing Techniques: RAD 201SI (Spr)

2018-19

- Introduction to Cardiac Image Processing Techniques: RAD 201SI (Spr)

2017-18

- Introduction to Cardiac Image Processing Techniques: RAD 201SI (Spr)

2016-17

- Introduction to Cardiac Image Processing Techniques: RAD 201SI (Spr)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Kathrin Baeumler, Marina Codari, Mohammad Madani, Domenico Mastrodicasa, Valery Lynn Turner

Publications

PUBLICATIONS

- **Photon-counting CT: Technical Principles and Clinical Prospects.** *Radiology*
Willeminck, M. J., Persson, M., Pourmorteza, A., Pelc, N. J., Fleischmann, D.
2018; 172656
- **Acute Limited Intimal Tears of the Thoracic Aorta.** *Journal of the American College of Cardiology*
Chin, A. S., Willeminck, M. J., Kino, A., Hinojroza, V., Sailer, A. M., Fischbein, M. P., Mitchell, R. S., Berry, G. J., Miller, D. C., Fleischmann, D.
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., Chiu, P., Fischbein, M. P., Dake, M. D., Miller, D. C., Schurink, G. W., Fleischmann, D.
2017; 154 (4): 1192-1200
- **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-?
- **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
- **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
- **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
- **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
- **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
- **CT Angiography: Injection and Acquisition Technique** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Fleischmann, D.
2010; 48 (2): 237-?
- **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
- **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
- **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
- **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 Visualization 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
- **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
- **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
- **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., Li, Y., Ding, V., Jiang, B., Ball, R. L., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Gupta, A., Saba, L., Hom, J., Wintermark, et al
; 43 (3): 452-59

- **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
- **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., Li, Y., Ding, V., Jiang, B., Ball, R. L., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Gupta, A., Saba, L., Hom, J., Wintermark, et al
2019
- **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., Schmiedeskamp, H., Hinostroza, V., Fleischmann, D., 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., Pavlovic, A., Schlachter, A., Dash, R., Fleischmann, D., 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
- **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. W., Fleischmann, D., Vliegenthart, R., Oudkerk, M., Willeminck, 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
- **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**
Willeminck, 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 FRAILITY MEASURES FOR PROLONGED HOSPITAL STAY AFTER TAVR IN 429 PATIENTS**
Maret, E., Willeminck, 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., 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
2018
 - **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
 - **Coronary artery calcium: A technical argument for a new scoring method.** *Journal of cardiovascular computed tomography*
Willeminck, M. J., van der Werf, N. R., Nieman, K., Greuter, M. J., Koweek, L. M., Fleischmann, D.
2018
 - **Changes in Geometry and Cardiac Deformation of the Thoracic Aorta after Thoracic Endovascular Aortic Repair.** *Annals of vascular surgery*
Hirotzu, 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
 - **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., Talley, C., Woodward, C., Kingsbury, A., Appiah, F., Elbelasi, H., Landwher, K., Li, X., Fleischmann, D.
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., Schnitger, I., Tanaka, S., Kimura, T., Pargaonkar, V. S., Chan, F. P., Fleischmann, D., Tremmel, J. A., Becker, H. C.
2017
 - **Reducing Functional MR Imaging Acquisition Times by Optimizing Workflow** *RADIOGRAPHICS*
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- 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
 - **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
 - **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
 - **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
 - **Computed Tomography Angiography of the Upper Extremities** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Dave, R. B., Fleischmann, D.
2016; 54 (1): 101-?
 - **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
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- **A Crack in the Wall: Evolution of a Left Ventricular Apical Pseudoaneurysm.** *The Canadian journal of cardiology*
Parikh, R. V., Ahmadi-Kashani, M., Fleischmann, D., Woo, Y. J., McConnell, M. V.
2015
- **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
- **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. A., Grassi, R.
2014; 2014: 895248
- **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
- **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*
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