Stanford



Lawrence "Rusty" Hofmann, MD

Professor of Radiology (Interventional Radiology)

NIH Biosketch available Online Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Interventional Radiology**

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  MC 5642

  Stanford, CA 94305

  Tel (650) 723-0728 **Fax** (650) 725-0533

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Mallorie Jones - Administrative/ Research Assistant

  Email malloriejones@stanfordhealthcare.org

  Tel 650-736-6096

Bio

BIO

Dr. Lawrence “Rusty” Hofmann is an actively practicing physician and Professor of Interventional Radiology at Stanford School of Medicine, as well as the Chief of Industry Partnerships for Stanford Healthcare, Medical Director of Cardiac and Interventional Services, and the Medical Director of Digital Health at Stanford Medicine. He served as Chief of Interventional Radiology at Stanford for nearly two decades. He is the Co-Founder of Grand Rounds, Inc, rebranded as Included Health. He has devoted his career to providing state-of-the-art care to patients at either Johns Hopkins, where he practiced for 10 years, or Stanford, where he practiced for 15 years. He has published over 100 scientific articles on minimally invasive treatment of blood clots (DVT) and cancer. He has always had in interest in innovation. He holds 2 patents, has worked as a consultant for numerous medical device companies, both start-ups and large companies and is currently the Global-Principal Investigator for the first clinical trial testing a venous stent. He has invented and brought a number of devices from napkin stage to world-wide use. He has active digital health research projects at the intersection of artificial intelligence and clinical care, including telemedicine and deep venous thrombosis.

CLINICAL FOCUS

- Interventional Radiology
- Actue Deep Venous Thrombosis
- Chronic Deep Venous Thrombosis
- Leg swelling
- Interventional Oncology
- Endovascular Procedures
- Peripheral Arterial Disease

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Radiology
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Chief, Interventional Radiology, Stanford University School of Medicine, (2006- present)
- Medical Director, Digital Health Care Integration, Stanford Healthcare, (2018- present)
- Co-Medical Director; Cardiac and Interventional Radiology (Cath Angio), Stanford Hospital and Clinics, (2006- present)
- Co-Founder, Grand Rounds, Inc, (2012- present)

HONORS AND AWARDS

- ARRS/AUR/RSNA Award, Introduction to Research Program (1997)
- Certificate of Merit, Radiological Society of North America Annual Meeting (1997)
- Certificate of Merit, Radiological Society of North America Meeting (1998)
- Cum Laude Award, Radiological Society of North America Annual Meeting (1999)
- Featured Abstract(top 5%), In vivo Intravascular MR Imaging: Transvenous Technique for Arterial Wall Imaging. SIR Annual Mtg (2003)
- 3rd Place in Best Oral Presentation, International Society for Magnetic Resonance in Medicine (2003)
- Finalist, Melvin Judkins Young Investigator Award American Heart Association (co author) (2004)
- Resident Research Award, Department of Radiology, The Johns Hopkins Medical Institutions (Mentored: Robert P. Liddell) (2004)
- Finalist, Melvin Judkins Young Investigator Award American Heart Association (co author) (2005)
- Scholarship, The American Roentgen Ray Society Annual Scholarship (2005)
- Featured Abstract Featured Abstract top 5%), Hypoxia-Inducible Factor-1 for Therapeutic Angiogenesis. SIR Annual Meeting. New Orleans, LA (2005)
- Travel Award for Resident and Fellows, SIR Annual Mtg. Mentor for Tarak Patel (2005)
- Scholars Award, Stanford University Medical Scholars-Mentor for Luke Higgins, PhD (2007)
- Medical Research Grant, Society of Interventional Radiology Foundation-Mentor for Luke Higgins, PhD (2007)
- Top 5 Best Poster Award, American College of Chest Physicians Annual Mtg. (2007)
- Fellow/Resident Research Award, Radiological Society of North America/American Roentgen Ray Society-Mentor for Gloria Hwang, MD (2008)
- Resident/Fellow Research Award, Society of Interventional Radiology Foundation-Mentor for Maurice Van den Bosch (2008)
- Award, Stanford University Medical Scholars-Mentor for Keith Chan (2008)
- Resident Research Award, Cardiovascular and Interventional Radiological Society of Europe (2009)
- Scholars Award, Stanford University Medical Scholars-Mentor for Stephanie Carr (2009)
- Dr. Constantin Cope Medical Student Award, Society of IR Annual Scientific Mtg-Mentor for Stephanie Carr (2010)
- Early Career Achievement Award, The Ohio State University School of Medicine (First ever recipient) (2010)
- The Gary Becker Young Investigator Award, The Society of IR-Mentor for William T. Kuo, MD (2011)
- Fellow of the Society, The Society of Interventional Radiology (2011)
- Dr. Constantin Cope Medical Student Award, Society of IR Annual Scientific Mtg-Mentor for Keith Chan (2011)

PROFESSIONAL EDUCATION

- Board Certification: Interventional Radiology, American Board of Radiology (2022)
- Medical Education: The Ohio State University College of Medicine (1995) OH
- Residency: Johns Hopkins University Dept of Radiology (1999) MD
- Fellowship: Stanford University Radiology Fellowships (2000) CA
- B.S., University of Illinois , Biology (1991)
- M.D., The Ohio State University , Medicine (1995)

- Residency, The Johns Hopkins Hospital , Radiology (1999)
- Fellowship, Stanford University Medical Ctr. , Interventional Radiology (2000)

LINKS

- Division of Interventional Radiology: http://ir.stanfordhospital.org/
- Grand Rounds: https://www.grandroundshealth.com

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

J Swee

Publications

PUBLICATIONS

- **Common iliac vein stenosis: a risk factor for oral contraceptive-induced deep vein thrombosis** *36th Annual Scientific Meeting of the Society-of-Interventional-Radiology*
  Chan, K. T., Tye, G. A., Popat, R. A., Kuo, W. T., Unver, K., Kothary, N., Sze, D. Y., Hofmann, L. V.
  MOSBY-ELSEVIER.2011
- **In Vitro Design and Characterization of the Nonviral Gene Delivery Vector Iopamidol, Protamine, Ethiodized Oil Reagent** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Higgins, L. J., Hwang, G. L., Rosenberg, J., Katzenberg, R. H., Kothary, N., Sze, D. Y., Hofmann, L. V.
  2011; 22 (10): 1457-1463
- **Potent, tumor-specific gene expression in an orthotopic hepatoma rat model using a Survivin-targeted, amplifiable adenoviral vector** *GENE THERAPY*
  Ahn, B., Ronald, J. A., Kim, Y. I., Katzenberg, R., Singh, A., Paulmurugan, R., Ray, S., Hofmann, L. V., Gambhir, S. S.
  2011; 18 (6): 606-612
- **Common Iliac Vein Stenosis and Risk of Symptomatic Pulmonary Embolism: An Inverse Correlation** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Chan, K. T., Popat, R. A., Sze, D. Y., Kuo, W. T., Kothary, N., Louie, J. D., Hovsepian, D. M., Hwang, G. L., Hofmann, L. V.
  2011; 22 (2): 133-141
- **Rethinking Interventional Radiology Night Call: Impact of Two Call Models on Physician Wellness, Academic Missions and Clinical Productivity.** *Journal of vascular and interventional radiology : JVIR*
  Hung, M. L., Romanowska-Pawliczek, A. M., Kuo, W. T., Hofmann, L. V.
  2026: 109019
- **Optimizing Enterprise Referral Processing through Automated Fax Triage.** *NEJM catalyst innovations in care delivery*
  Mui, D., Tran, J. L., Onofre, S., Ramirez, S., Singh, V., Lago, A., Ng-Thow-Hing, J., Lavertu, A., Kaushal, A., Altman, R., Pallas, J., Boosi, S., Gohil, et al
  2026; 7 (5): CAT250273
- **Optimizing Enterprise Referral Processing through Automated Fax Triage** *NEJM CATALYST INNOVATIONS IN CARE DELIVERY*
  Mui, D., Tran, J. L. A., Onofre, S., Ramirez, S., Singh, V., Lago, A., Ng-Thow-Hing, J., Lavertu, A., Kaushal, A., Altman, R., Pallas, J., Boosi, S., Gohil, et al
  2026; 7 (5)
- **A framework for using AI to drive care model transformation: building cars rather than faster horses.** *npj health systems*
  Li, R. C., Rosengaus, L., Gohil, L., Sharp, C., Pfeffer, M. A., Sehgal, N., Entwistle, D., Hofmann, L. V.
  2026; 3 (1)
- **Long-term Outcomes Following Inferior Vena Cava Stent Placement Across the Renal Veins.** *Journal of vascular and interventional radiology : JVIR*

Hung, M. L., Arendt, V., Mabud, T., Kuo, W. T., Hofmann, L. V.
2025

- **Post-Stent Vein Lumen Shape and Clinical Response in Patients Treated for Iliofemoral Venous Occlusive Disease.** *Vascular and endovascular surgery*
  Gagne, P., Kuku, K. O., Mendes, R., Griggs, A., Segbefia, E., Hofmann, L. V., Comerota, A., Garcia-Garcia, H. M.
  2025: 15385744251321900

- **Hospitalization prediction from the emergency department using computer vision AI with short patient video clips.** *NPJ digital medicine*
  Ip, W., Xenochristou, M., Sui, E., Ruan, E., Ribeira, R., Dash, D., Srinivasan, M., Artandi, M., Omiye, J. A., Scoulios, N., Hofmann, H. L., Mottaghi, A., Weng, et al
  2024; 7 (1): 371

- **Endovascular Management of Non-Cirrhotic Acute Portomesenteric Venous Thrombosis.** *Journal of vascular and interventional radiology : JVIR*
  Lorenz, J., Kwak, D. H., Martin, L., Kesselman, A., Hofmann, L. V., Yu, Q., Youssef, S., Ciolek, P., Ahmed, O.
  2024

- **Venous Compressive Disorders.** *Techniques in vascular and interventional radiology*
  Young, V. A., Obi, C., Oladini, L. K., Josephs, S. C., Hofmann, L. V.
  2024; 27 (2): 100964

- **Final 3-year study outcomes from the evaluation of the Zilver Vena Venous Stent for the treatment of symptomatic iliofemoral venous outflow obstruction (VIVO clinical study).** *Journal of vascular and interventional radiology : JVIR*
  Comerota, A. J., Gagne, P., Brown, J. A., Segbefia, E., Hofmann, L. V., VIVO Clinical Study Investigators
  2024

- **Management of Lower Extremity Venous Outflow Obstruction: Results of an International Delphi Consensus.** *European journal of vascular and endovascular surgery : the official journal of the European Society for Vascular Surgery*
  Black, S. A., Gohel, M., de Graaf, R., Gagne, P., Silver, M., Fleck, B., Hofmann, L. V., International Venous Delphi Consensus Study Group
  2023

- **12-month Endpoint Results from the Evaluation of the Zilver Vena Venous Stent in the Treatment of Symptomatic Iliofemoral Venous Outflow Obstruction (VIVO Clinical Study).** *Journal of vascular surgery. Venous and lymphatic disorders*
  Hofmann, L. R., Gagne, P., Brown, J. A., Saunders, A., Comerota, A., VIVO Study Investigators
  2023

- **Current State of Private Practice and Academic IR: Differences in Practice Structure, Case Mix, and Productivity.** *Journal of the American College of Radiology : JACR*
  Oladini, L., Ganesh, A., Rezaee, M., Dybul, S., Hawkins, C. M., Hofmann, L. V.
  2022

- **Antithrombotic Therapy After Venous Interventions: AJR Expert Panel Narrative Review.** *AJR. American journal of roentgenology*
  Kishore, S., Khaja, M. S., Thornburg, B., Sharma, A. M., Knuttinen, M., Shamoun, F., Mantha, S., Desai, K. R., Sista, A. K., Black, S. A., O'Sullivan, G. J., Kaufman, J. A., Hofmann, et al
  2022

- **Authors' Reply: Therapeutic vs Sub-therapeutic Anticoagulation Following Venous Stent Placement.** *Journal of vascular and interventional radiology : JVIR*
  Arendt, V. A., Hofmann, L. V.
  1800

- **Authors' Reply: Post-procedural anticoagulation following stenting for non-thrombotic iliac venous lesions (NIVLs).** *Journal of vascular and interventional radiology : JVIR*
  Arendt, V. A., Hofmann, L. V.
  2021

- **Reimagining the IR Workflow for a Better Work-Life Balance.** *Journal of vascular and interventional radiology : JVIR*
  Foo, E. T., Cianfichi, L. J., Guzman, E., Kerr, P. M., Krumm, J., Hofmann, L. V., Kothary, N.
  2021; 32 (10): 1488-1491

- **Optimal Medical Therapy Following Deep Venous Interventions: Proceedings from the Society of Interventional Radiology Foundation Research Consensus Panel.** *Journal of vascular and interventional radiology : JVIR*
  Khaja, M. S., Obi, A. T., Sharma, A. M., Cuker, A., McCann, S. S., Thukral, S., Matson, J. T., Hofmann, L. V., Charalel, R., Kanthi, Y., Meek, M. E., Meissner, M. H., White, et al
  2021
- **Comparison of Anticoagulation Regimens Following Stent Placement for Nonthrombotic Lower Extremity Venous Disease.** *Journal of vascular and interventional radiology : JVIR*
  Arendt, V. A., Mabud, T. S., Kuo, W. T., Jeon, G. S., An, X., Cohn, D. M., Fu, J. X., Hofmann, L. V.
  2021
- **Laser-Assisted Removal of Embedded Vena Cava Filters: A First-In-Human Escalation Trial in 500 Patients Refractory to High-Force Retrieval.** *Journal of the American Heart Association*
  Kuo, W. T., Doshi, A. A., Ponting, J. M., Rosenberg, J. K., Liang, T., Hofmann, L. V.
  2020: e017916
- **Devising Productivity Benchmarks for IR: Findings from a National Survey of IR Practices.** *Journal of vascular and interventional radiology : JVIR*
  Cheung, P. Y., Koran, M. E., Oladini, L. K., Hofmann, L. V.
  2020
- **Lower extremity vein segment diameters: Analysis of patent, unstented vein segment diameters in 266 patients with underlying venous disease.** *Journal of vascular surgery. Venous and lymphatic disorders*
  Arendt, V. A., Mabud, T. S., Jeon, G. S., An, X., Cohn, D. M., Fu, J. X., Hofmann, L. V.
  2020
- **Diagnostic performance of lower extremity Doppler ultrasound in detecting iliocaval obstruction.** *Journal of vascular surgery. Venous and lymphatic disorders*
  Hui, J. Z., Goldman, R. E., Mabud, T. S., Arendt, V. A., Kuo, W. T., Hofmann, L. V.
  2020
- **Bronchial Artery Embolization for Hemoptysis in Cystic Fibrosis Patients: A 17-Year Review.** *Journal of vascular and interventional radiology : JVIR*
  Martin, L. N., Higgins, L., Mohabir, P., Sze, D. Y., Hofmann, L. V.
  2019
- **Toward Data-Driven Learning Healthcare Systems in Interventional Radiology: Implementation to Evaluate Venous Stent Patency.** *Journal of digital imaging*
  Cohn, D. M., Mabud, T. S., Arendt, V. A., Souffrant, A. D., Jeon, G. S., An, X., Kuo, W. T., Sze, D. Y., Hofmann, L. V., Rubin, D. L.
  2019
- **Inferior Vena Cava Atresia: Characterisation of Risk Factors, Treatment, and Outcomes.** *Cardiovascular and interventional radiology*
  Mabud, T. S., Sailer, A. M., Swee, J. K., Tamboli, M., Arendt, V. A., Jeon, G., An, X., Cohn, D. M., Kuo, W. T., Hofmann, L. V.
  2019
- **Automated Quantitative Imaging Measurements of Disease Severity in Patients with Nonthrombotic Iliac Vein Compression.** *Journal of vascular and interventional radiology : JVIR*
  Reposar, A. L., Mabud, T. S., Eifler, A. C., Hoogi, A., Arendt, V., Cohn, D. M., Rubin, D. L., Hofmann, L. V.
  2019
- **Lower Extremity Venous Stent Placement: A Large Retrospective Single-Center Analysis.** *Journal of vascular and interventional radiology : JVIR*
  Mabud, T. S., Cohn, D. M., Arendt, V. A., Jeon, G., An, X., Fu, J., Souffrant, A. D., Sailer, A. M., Shah, R., Wang, D., Sze, D. Y., Kuo, W. T., Rubin, et al
  2019
- **Electronic Patient-Reported Outcomes: Semi-Automated Data Collection in the Interventional Radiology Clinic** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  Hoang, N. S., Hwang, W., Katz, D. A., Mackey, S. C., Hofmann, L.
  2019; 16 (4): 472–77

- **Endovascular Thrombus Removal for Acute Iliofemoral Deep Vein Thrombosis Analysis From a Stratified Multicenter Randomized Trial** *CIRCULATION*
  Comerota, A. J., Kearon, C., Gu, C., Julian, J. A., Goldhaber, S. Z., Kahn, S. R., Jaff, M. R., Razavi, M. K., Kindzelski, A. L., Bashir, R., Patel, P., Sharafuddin, M., Sichlau, et al
  2019; 139 (9): 1162–73

- **Endovascular Thrombus Removal for Acute Iliofemoral Deep Vein Thrombosis: Analysis from a Stratified Multicenter Randomized Trial.** *Circulation*
  Comerota, A. J., Kearon, C., Gu, C., Julian, J. A., Goldhaber, S. Z., Kahn, S. R., Jaff, M. R., Razavi, M. K., Kindzelski, A. L., Bashir, R., Patel, P., Sharafuddin, M., Sichlau, et al
  2018

- **Electronic Patient-Reported Outcomes: Semi-Automated Data Collection in the Interventional Radiology Clinic.** *Journal of the American College of Radiology : JACR*
  Hoang, N. S., Hwang, W., Katz, D. A., Mackey, S. C., Hofmann, L. V.
  2018

- **Venous disease patient registries available in the United States** *JOURNAL OF VASCULAR SURGERY-VENOUS AND LYMPHATIC DISORDERS*
  Lurie, F., Obi, A., Schul, M., Hofmann, L. V., Kasper, G., Wakefield, T.
  2018; 6 (1): 118–25

- **Laser-Assisted Removal of Embedded Vena Cava Filters A 5-Year First-in-Human Study** *CHEST*
  Kuo, W. T., Odegaard, J. I., Rosenberg, J. K., Hofmann, L. V.
  2017; 151 (2): 417-424

- **Endovascular Management of May-Thurner Syndrome in Adolescents: A Single-Center Experience** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Goldman, R. E., Arendt, V. A., Kothary, N., Kuo, W. T., Sze, D. Y., Hofmann, L. V., Lungren, M. P.
  2017; 28 (1): 71-77

- **Endovascular Management of May-Thurner Syndrome in Adolescents: A Single-Center Experience.** *Journal of vascular and interventional radiology*
  Goldman, R. E., Arendt, V. A., Kothary, N., Kuo, W. T., Sze, D. Y., Hofmann, L. V., Lungren, M. P.
  2016

- **Laser-Assisted Removal of Embedded Vena Cava Filters: A 5-Year First-in-Human Study.** *Chest*
  Kuo, W. T., Odegaard, J. I., Rosenberg, J. K., Hofmann, L. V.
  2016

- **Acute, Unilateral Breast Toxicity From Gemcitabine in the Setting of Thoracic Inlet Obstruction.** *Journal of oncology practice / American Society of Clinical Oncology*
  Weiskopf, K., Creighton, D., Lew, T., Caswell, J. L., Ouyang, D., Shah, A. T., Hofmann, L. V., Neal, J. W., Telli, M. L.
  2016; 12 (8): 763-764

- **Assessing the Risk of Hemorrhagic Complication following Transjugular Liver Biopsy in Bone Marrow Transplantation Recipients.** *Journal of vascular and interventional radiology*
  Ahmed, O., Ward, T. J., Lungren, M. P., Abdelrazek Mohammed, M. A., Hofmann, L. V., Sze, D. Y., Kothary, N.
  2016; 27 (4): 551-557

- **Assessing the Risk of Hemorrhagic Complication following Transjugular Liver Biopsy in Bone Marrow Transplantation Recipients** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Ahmed, O., Ward, T. J., Lungren, M. P., Mohammed, M. A., Hofmann, L. V., Sze, D. Y., Kothary, N.
  2016; 27 (4): 551-557

- **Superselective Chemoembolization of HCC: Comparison of Short-term Safety and Efficacy between Drug-eluting LC Beads, QuadraSpheres, and Conventional Ethiodized Oil Emulsion.** *Radiology*
  Duan, F., Wang, E. Q., Lam, M. G., Abdelmaksoud, M. H., Louie, J. D., Hwang, G. L., Kothary, N., Kuo, W. T., Hofmann, L. V., Sze, D. Y.
  2016; 278 (2): 612-621

- **Endovascular Stent Placement for May-Thurner Syndrome in the Absence of Acute Deep Vein Thrombosis.** *Journal of vascular and interventional radiology*

Ahmed, O., Ng, J., Patel, M., Ward, T. J., Wang, D. S., Shah, R., Hofmann, L. V.
2016; 27 (2): 167-173

- **Cost Accounting as a Tool for Increasing Cost Transparency in Selective Hepatic Transarterial Chemoembolization.** *Journal of vascular and interventional radiology*
  Ahmed, O., Patel, M., Ward, T., Sze, D. Y., Telischak, K., Kothary, N., Hofmann, L. V.
  2015; 26 (12): 1820-1826 e1
- **Emergent Salvage Direct Intrahepatic Portocaval Shunt Procedure for Acute Variceal Hemorrhage** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Ward, T. J., Techasith, T., Louie, J. D., Hwang, G. L., Hofmann, L. V., Sze, D. Y.
  2015; 26 (6): 829-834
- **Development of a High-Throughput Molecular Imaging-Based Orthotopic Hepatocellular Carcinoma Model** *CUREUS*
  Hwang, G. L., van den Bosch, M. A., Kim, Y. I., Katzenberg, R., Willmann, J. K., Paulmurugan, R., Gambhir, S. S., Hofmann, L.
  2015; 7 (6)
- **Development of a High-Throughput Molecular Imaging-Based Orthotopic Hepatocellular Carcinoma Model.** *Cureus*
  Hwang, G. L., van den Bosch, M. A., Kim, Y. I., Katzenberg, R., Willmann, J. K., Paulmurugan, R., Gambhir, S. S., Hofmann, L.
  2015; 7 (6)
- **Immediate Postoperative Percutaneous Stenting of Superior Vena Cava Obstruction Following Heart Transplantation in Adult Patients with Pacemaker Leads** *JOURNAL OF CARDIAC SURGERY*
  Asseff, D., Sheikh, A. Y., Sze, D., Ha, R., Hofmann, L., van der Starre, P. J.
  2014; 29 (5): 733-736
- **Immediate postoperative percutaneous stenting of superior vena cava obstruction following heart transplantation in adult patients with pacemaker leads.** *Journal of cardiac surgery*
  Asseff, D., Sheikh, A. Y., Sze, D., Ha, R., Hofmann, L., van der Starre, P. J.
  2014; 29 (5): 733-736
- **Novel protocol including liver biopsy to identify and treat CD8+ T-cell predominant acute hepatitis and liver failure.** *Pediatric transplantation*
  McKenzie, R. B., Berquist, W. E., Nadeau, K. C., Louie, C. Y., Chen, S. F., Sibley, R. K., Glader, B. E., Wong, W. B., Hofmann, L. V., Esquivel, C. O., Cox, K. L.
  2014; 18 (5): 503-509
- **MicroRNA-regulated non-viral vectors with improved tumor specificity in an orthotopic rat model of hepatocellular carcinoma** *GENE THERAPY*
  Ronald, J. A., Katzenberg, R., Nielsen, C. H., Jae, H. J., Hofmann, L. V., Gambhir, S. S.
  2013; 20 (10): 1006-1013
- **Excimer laser-assisted removal of embedded inferior vena cava filters: a single-center prospective study.** *Circulation. Cardiovascular interventions*
  Kuo, W. T., Odegaard, J. I., Rosenberg, J. K., Hofmann, L. V.
  2013; 6 (5): 560-566
- **Complex retrieval of fractured, embedded, and penetrating inferior vena cava filters: a prospective study with histologic and electron microscopic analysis.** *Journal of vascular and interventional radiology*
  Kuo, W. T., Robertson, S. W., Odegaard, J. I., Hofmann, L. V.
  2013; 24 (5): 622-630 e1
- **Complex retrieval of fractured, embedded, and penetrating inferior vena cava filters: a prospective study with histologic and electron microscopic analysis.** *Journal of vascular and interventional radiology*
  Kuo, W. T., Robertson, S. W., Odegaard, J. I., Hofmann, L. V.
  2013; 24 (5): 622-630 e1
- **Measurements of the Left Common Iliac Vein Diameter May Not Be Consistent over Time Response** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Chan, K. T., Carr, S. A., Hofmann, L. V.
  2013; 24 (4): 193-194

- **Correlation of the Diameter of the Left Common Iliac Vein with the Risk of Lower-extremity Deep Venous Thrombosis** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Carr, S., Chan, K., Rosenberg, J., Kuo, W. T., Kothary, N., Hovsepian, D. M., Sze, D. Y., Hofmann, L. V.
  2012; 23 (11): 1467-1472

- **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

- **Complex Retrieval of Embedded IVC Filters: Alternative Techniques and Histologic Tissue Analysis** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kuo, W. T., Cupp, J. S., Louie, J. D., Kothary, N., Hofmann, L. V., Sze, D. Y., Hovsepian, D. M.
  2012; 35 (3): 588-597

- **X-Ray-Visible Microcapsules Containing Mesenchymal Stem Cells Improve Hind Limb Perfusion in a Rabbit Model of Peripheral Arterial Disease** *STEM CELLS*
  Kedziorek, D. A., Hofmann, L. V., Fu, Y., Gilson, W. D., Cosby, K. M., Kohl, B., Barnett, B. P., Simons, B. W., Walczak, P., Bulte, J. W., Gabrielson, K., Kraitchman, D. L.
  2012; 30 (6): 1286-1296

- **Using plasma proteomic analysis for venous thromboembolism risk stratification in patients with advanced gastrointestinal cancers**
  Itakura, H., Holzer, A. K., Hofmann, L. V., Tsao, P. S.
  AMER SOC CLINICAL ONCOLOGY.2012

- **Intratumoral versus Intravenous Gene Therapy Using a Transcriptionally Targeted Viral Vector in an Orthotopic Hepatocellular Carcinoma Rat Model** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kim, Y. I., Ahn, B., Ronald, J. A., Katzenberg, R., Singh, A., Paulmurugan, R., Ray, S., Gambhir, S. S., Hofmann, L. V.
  2012; 23 (5): 704-711

- **Applying a Structured Innovation Process to Interventional Radiology: A Single-Center Experience** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Sista, A. K., Hwang, G. L., Hovsepian, D. M., Sze, D. Y., Kuo, W. T., Kothary, N., Louie, J. D., Yamada, K., Hong, R., Dhanani, R., Brinton, T. J., Krummel, T. M., Makower, et al
  2012; 23 (4): 488-494

- **Transarterial Chemoembolization for Hepatocellular Carcinomas in Watershed Segments: Utility of C-Arm Computed Tomography for Treatment Planning** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Abdelmaksoud, M. H., Louie, J. D., Hwang, G. L., Sze, D. Y., Hofmann, L. V., Kothary, N.
  2012; 23 (2): 281-283

- **Catheter-directed thrombolysis for acute DVT** *LANCET*
  Hofmann, L. V., Kuo, W. T.
  2012; 379 (9810): 3-4

- **Percutaneous Cholecystostomy for Acute Cholecystitis: Ten-Year Experience** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Joseph, T., Unver, K., Hwang, G. L., Rosenberg, J., Sze, D. Y., Hashimi, S., Kothary, N., Louie, J. D., Kuo, W. T., Hofmann, L. V., Hovsepian, D. M.
  2012; 23 (1): 83-88

- **Imaging Guidance with C-arm CT: Prospective Evaluation of Its Impact on Patient Radiation Exposure during Transhepatic Arterial Chemoembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kothary, N., Abdelmaksoud, M. H., Tognolini, A., Fahrig, R., Rosenberg, J., Hovsepian, D. M., Ganguly, A., Louie, J. D., Kuo, W. T., Hwang, G. L., Holzer, A., Sze, D. Y., Hofmann, et al
  2011; 22 (11): 1535-1544

- **Embolization of Parasitized Extrahepatic Arteries to Reestablish Intrahepatic Arterial Supply to Tumors before Yttrium-90 Radioembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Abdelmaksoud, M. H., Louie, J. D., Kothary, N., Hwang, G. L., Kuo, W. T., Hofmann, L. V., Hovsepian, D. M., Sze, D. Y.
  2011; 22 (10): 1355-1362

- **INCIDENCE AND IMPLICATION OF DUAL BLOOD SUPPLY TO HEPATOCELLULAR CARCINOMA LOCATED IN WATERSHED REGIONS OF SEGMENT IV AND VIII DURING TACE** *62nd Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD)*
  Kothary, N., Daugherty, T., Sze, D. Y., Hofmann, L. V., Concepcion, W.
  WILEY-BLACKWELL.2011: 1390A–1390A

- **Consolidation of Hepatic Arterial Inflow by Embolization of Variant Hepatic Arteries in Preparation for Yttrium-90 Radioembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Abdelmaksoud, M. H., Louie, J. D., Kothary, N., Hwang, G. L., Kuo, W. T., Hofmann, L. V., Hovsepian, D. M., Sze, D. Y.
  2011; 22 (10): 1364-1372

- **Portal Venous Remodeling After Endovascular Reduction of Pediatric Autogenous Portosystemic Shunts** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Stewart, J. K., Kuo, W. T., Hovsepian, D. M., Hofmann, L. V., Bonham, C. A., Sze, D. Y.
  2011; 22 (8): 1199-1205

- **In vivo MRSI of hyperpolarized [1-C-13]pyruvate metabolism in rat hepatocellular carcinoma** *NMR IN BIOMEDICINE*
  Darpolor, M. M., Yen, Y., Chua, M., Xing, L., Clarke-Katzenberg, R. H., Shi, W., Mayer, D., Josan, S., Hurd, R. E., Pfefferbaum, A., Senadheera, L., So, S., Hofmann, et al
  2011; 24 (5): 506-513

- **Photothermal Ablation with the Excimer Laser Sheath Technique for Embedded Inferior Vena Cava Filter Removal: Initial Results from a Prospective Study** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kuo, W. T., Odegaard, J. I., Louie, J. D., Sze, D. Y., Unver, K., Kothary, N., Rosenberg, J. K., Hovsepian, D. M., Hwang, G. L., Hofmann, L. V.
  2011; 22 (6): 813-823

- **Intrahepatic Collateral Supply to the Previously Embolized Right Gastric Artery: A Potential Pitfall for Nontarget Radioembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Meer, A. B., Louie, J. D., Abdelmaksoud, M. H., Kothary, N., Hovsepian, D. M., Hofmann, L. V., Kuo, W. T., Hwang, G. L., Sze, D. Y.
  2011; 22 (4): 575-577

- **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

- **C-arm Computed Tomography for Hepatic Interventions: A Practical Guide** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Tognolini, A., Louie, J., Hwang, G., Hofmann, L., Sze, D., Kothary, N.
  2010; 21 (12): 1817-1823

- **Renewing Focus on Resident Education: Increased Responsibility and Ownership in Interventional Radiology Rotations Improves the Educational Experience** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kothary, N., Ghatan, C. E., Hwang, G. L., Kuo, W. T., Louie, J. D., Sze, D. Y., Hovsepian, D. M., Desser, T. S., Hofmann, L. V.
  2010; 21 (11): 1697-1702

- **Angiojet Rheolytic Thrombectomy in Massive Pulmonary Embolism Locally Efficacious but Systemically Deleterious? Response** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kuo, W. T., Hofmann, L. V.
  2010; 21 (11): 1776-1777

- **Development of New Hepaticoenteric Collateral Pathways after Hepatic Arterial Skeletonization in Preparation for Yttrium-90 Radioembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Abdelmaksoud, M. H., Hwang, G. L., Louie, J. D., Kothary, N., Hofmann, L. V., Kuo, W. T., Hovsepian, D. M., Sze, D. Y.
  2010; 21 (9): 1385-1395

- **Computed Tomography-Guided Percutaneous Needle Biopsy of Indeterminate Pulmonary Pathology: Efficacy of Obtaining a Diagnostic Sample in Immunocompetent and Immunocompromised Patients** *CLINICAL LUNG CANCER*
  Kothary, N., Bartos, J. A., Hwang, G. L., Dua, R., Kuo, W. T., Hofmann, L. V.
  2010; 11 (4): 251-256

- **A novel X-ray-visible microencapsuled mesenchymal stem cell therapy for peripheral arterial disease**
  Kedziorek, D., Gilson, W., Fu, Y., Barnett, B., Huang, G., Bulte, J., Hofmann, L., Kraitchman, D.
  SOC NUCLEAR MEDICINE INC.2010

- **Making the Case for Early Medical Student Education in Interventional Radiology: A Survey of 2nd-year Students in a Single US Institution** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Ghatan, C. E., Kuo, W. T., Hofmann, L. V., Kothary, N.
  2010; 21 (4): 549-553

- **Utility of C-arm CT in Patients with Hepatocellular Carcinoma undergoing Transhepatic Arterial Chemoembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Tognolini, A., Louie, J. D., Hwang, G. L., Hofmann, L. V., Sze, D. Y., Kothary, N.
  2010; 21 (3): 339-347

- **X-Ray Visible Encapsulated Mesenchymal Stem Cells Protect From Early Cell Death and Enhance Vasculogenesis in Peripheral Arterial Disease**
  Kedziorek, D. A., Fu, Y., Valdeig, S., Ehtiati, T., Huang, G., Bulte, J. W., Hofmann, L. V., Wacker, F., Kraitchman, D. L.
  LIPPINCOTT WILLIAMS & WILKINS.2009: E62

- **High-risk Retrieval of Adherent and Chronically Implanted IVC Filters: Techniques for Removal and Management of Thrombotic Complications** *34th Annual Conference of the Society-of-Interventional-Radiology*
  Kuo, W. T., Tong, R. T., Hwang, G. L., Louie, J. D., Lebowitz, E. A., Sze, D. Y., Hofmann, L. V.
  ELSEVIER SCIENCE INC.2009: 1548–56

- **Catheter-directed Therapy for the Treatment of Massive Pulmonary Embolism: Systematic Review and Meta-analysis of Modem Techniques** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kuo, W. T., Gould, M. K., Louie, J. D., Rosenberg, J. K., Sze, D. Y., Hofmann, L. V.
  2009; 20 (11): 1431-1440

- **Computed Tomography-Guided Percutaneous Needle Biopsy of Pulmonary Nodules: Impact of Nodule Size on Diagnostic Accuracy** *CLINICAL LUNG CANCER*
  Kothary, N., Lock, L., Sze, D. Y., Hofmann, L. V.
  2009; 10 (5): 360-363

- **A Primer on Image-guided Radiation Therapy for the Interventional Radiologist** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kothary, N., Dieterich, S., Louie, J. D., Koong, A. C., Hofmann, L. V., Sze, D. Y.
  2009; 20 (7): 859-862

- **Society of Interventional Radiology Position Statement: Treatment of Acute Iliofemoral Deep Vein Thrombosis with Use of Adjunctive Catheter-directed Intrathrombus Thrombolysis (Reprinted from J Vasc Interv Radiol vol 17, pg 613-616, 2006)** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Vedantham, S., Millward, S. F., Cardella, J. F., Hofmann, L. V., Razavi, M. K., Grassi, C. J., Sacks, D., Kinney, T. B.
  2009; 20 (7): S332–S335

- **Therapies for acute and chronic deep venous thrombosis.** *Clinical advances in hematology & oncology : H&O*
  Hofmann, L. V.
  2009; 7 (5): 301-303

- **Incorporating Cone-beam CT into the Treatment Planning for Yttrium-90 Radioembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Louie, J. D., Kothary, N., Kuo, W. T., Hwang, G. L., Hofmann, L. V., Goris, M. L., Iagaru, A. H., Sze, D. Y.
  2009; 20 (5): 606-613

- **Percutaneous Implantation of Fiducial Markers for Imaging-Guided Radiation Therapy** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Kothary, N., Dieterich, S., Louie, J. D., Chang, D. T., Hofmann, L. V., Sze, D. Y.
  2009; 192 (4): 1090-1096

- **Factors Portending Endoleak Formation After Thoracic Aortic Stent-Graft Repair of Complicated Aortic Dissection** *CIRCULATION-CARDIOVASCULAR INTERVENTIONS*
  Sze, D. Y., Van den Bosch, M. A., Dake, M. D., Miller, D. C., Hofmann, L. V., Varghese, R., Malaisrie, S. C., van der Starre, P. J., Rosenberg, J., Mitchell, R. S.
  2009; 2 (2): 105-112

- **Safety and Efficacy of Percutaneous Fiducial Marker Implantation for Image-guided Radiation Therapy** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*

Kothary, N., Heit, J. J., Louie, J. D., Kuo, W. T., Loo, B. W., Koong, A., Chang, D. T., Hovsepian, D., Sze, D. Y., Hofmann, L. V.
2009; 20 (2): 235-239

- **Biopsy of Cardiac Masses Using a Stabilized Intracardiac Echocardiography-guided System** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Sze, D. Y., Lee, D. P., Hofmann, L. V., Petersen, B.
  2008; 19 (11): 1662-1667
- **Catheter-directed embolectomy, fragmentation, and thrombolysis for the treatment of massive pulmonary embolism after failure of systemic thrombolysis** *CHEST*
  Kuo, W. T., Van den Bosch, M. A., Hofmann, L. V., Louie, J. D., Kothary, N., Sze, D. Y.
  2008; 134 (2): 250-254
- **X-ray visible stem cell therapy enhances angiogenesis in a rabbit model of peripheral arterial disease**
  Kraitchman, D. L., Kedziorek, D. A., Cosby, K., Gilson, W. D., Huang, G., Kohl, T., Barnett, B. P., Bulte, J. W. M., Hofmann, L. V.
  ELSEVIER SCIENCE INC.2008: A315
- **Reninoma: case report and literature review** *JOURNAL OF HYPERTENSION*
  Wonga, L., Hsu, T. H., Perlroth, M. G., Hofmann, L. V., Haynes, C. M., Katznelson, L.
  2008; 26 (2): 368-373
- **Catheter-directed intervention for acute pulmonary embolism - A shining saber** *CHEST*
  Kuo, W. T., Sze, D. Y., Hofmann, L. V.
  2008; 133 (1): 317-318
- **Hind limb ischemia in rabbit model: T2-prepared versus time-of-flight MR angiography at 3 T** *RADIOLOGY*
  Korosoglou, G., Gilson, W. D., Schaer, M., Ustun, A., Hofmann, L. V., Kraitchman, D. L., Stuber, M.
  2007; 245 (3): 761-769
- **Positive contrast visualization of iron oxide-labeled stem cells using inversion-recovery with ON-Resonant water suppression (IRON)** *MAGNETIC RESONANCE IN MEDICINE*
  Stuber, M., Gilson, W. D., Schaer, M., Kedziorek, D. A., Hofmann, L. V., Shah, S., Vonken, E., Bulte, J. W., Kraitchman, D. L.
  2007; 58 (5): 1072-1077
- **Serial MRI evaluation of stem cell efficacy using allogeneic, MR-labeled stem cells in a rabbit peripheral arterial disease model: Comparison to x-ray angiography and histology**
  Kraitchman, D. L., Chatterjee, P., Gilson, W. D., Kedziorek, D. A., Kohl, B., Boston, R. C., Stuber, M., Bulte, J. W., Hofmann, L. V.
  LIPPINCOTT WILLIAMS & WILKINS.2007: 758
- **Catheter-directed embolectomy, fragmentation,and thrombolysis for the treatment of massive pulmonary embolim after failure of systemic thrombolysis** *CHEST 2007 Conference*
  Kuo, W. T., van den Bosch, M. A., Hofmann, L. V., Louie, J. D., Kothary, N., Sze, D. Y.
  AMER COLL CHEST PHYSICIANS.2007: 663S–663S
- **Role of image-guided vascular intervention in therapeutic angiogenesis translational research.** *Expert review of cardiovascular therapy*
  Hwang, G. L., Patel, T. H., Hofmann, L. V.
  2007; 5 (5): 903-915
- **Quiz page. Fibromuscular dysplasia of the right renal artery.** *American journal of kidney diseases*
  van den Bosch, M. A., Sze, D. Y., Hofmann, L. V.
  2007; 49 (5): A43-4
- **What is your diagnosis based on the arteriogrram of the right renal artery? Discussion** *AMERICAN JOURNAL OF KIDNEY DISEASES*
  van den Bosch, M. A., Sze, D. Y., Hofmann, L. V.
  2007; 49 (5): XLIV
- **Management of venous thromboembolism: A systematic review for a practice guideline** *ANNALS OF INTERNAL MEDICINE*
  Segal, J. B., Streiff, M. B., Hoffman, L. V., Thornton, K., Bass, E. B.
  2007; 146 (3): 211–22

- **Positive contrast magnetic resonance imaging enables temporal tracking of iron-labeled mesenchymal stem cells in a rabbit hindlimb ischemia model**
  Wilson, W. D., Hofmann, L. V., Bulte, J. W., Stuber, M., Kraitchman, D. L.
  LIPPINCOTT WILLIAMS & WILKINS.2006: 387

- **Intrabiliary MR imaging: Assessment of biliary obstruction with use of an intraluminal MR receiver coil** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Weiss, C. R., Georgiades, C., Hofmann, L. V., Schulick, R., Choti, M., Thuluvath, P., Bluemke, D. A., Arepally, A.
  2006; 17 (5): 845-853

- **Intravascular magnetic resonance/radiofrequency may enhance gene therapy for prevention of in-stent neointimal hyperplasia.** *Academic radiology*
  Gao, F., Qiu, B., Kar, S., Zhan, X., Hofmann, L. V., Yang, X.
  2006; 13 (4): 526-530

- **Intravascular magnetic resonance/radiofrequency may enhance gene therapy for prevention of in-stent neointimal hyperplasial** *ACADEMIC RADIOLOGY*
  Gao, F. B., Qiu, B. S., Kar, S., Zhan, X. C., Hofmann, L. V., Yang, X. M.
  2006; 13 (4): 524-528

- **Society of interventional radiology position statement: Treatment of acute iliofemoral deep vein thrombosis with use of adjunctive catheter-directed intrathrombus thrombolysis** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Vedantham, S., Millward, S. F., Cardella, J. F., Hofmann, L. V., Razavi, M. K., Grassi, C. J., Sacks, D., Kinney, T. B.
  2006; 17 (4): 613-616

- **Quality improvement guidelines for the treatment of lower extremity deep vein thrombosis with use of endovascular thrombus removal** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Vedantham, S., Thorpe, P. E., Cardella, J. F., Grassi, C. J., Patel, N. H., Ferral, H., Hofmann, L. V., D'othee, B. M., Antonaci, V. P., Brountzos, E. N., Brown, D. B., Martin, L. G., Matsumoto, et al
  2006; 17 (3): 435-448

- **Reporting standards for endovascular treatment of lower extremity deep vein thrombosis** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Vedantham, S., Grassi, C. J., Ferral, H., Patel, N. H., Thorpe, P. E., Antonacci, V. P., D'othee, B. M., Hofmann, L. V., Cardella, J. F., Kundu, S., Lewis, C. A., Schwartzberg, M. S., Min, et al
  2006; 17 (3): 417-434

- **Development of a research agenda for endovascular treatment of venous thromboembolism: Proceedings from a multidisciplinary consensus panel** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Vedantham, S., Rundback, J. H., Comerota, A. J., Hunter, D. W., Meissner, M. H., Hofmann, L. V., Horne, M., Gloviczki, P., Andrews, R. T., Fan, C. M., Hume, K. M., Goldhaber, S. K., Tapson, et al
  2005; 16 (12): 1567-1573

- **Constitutively active HIF-1 alpha improves perfusion and arterial remodeling in an endovascular model of limb ischemia** *CARDIOVASCULAR RESEARCH*
  Patel, T. H., Kimura, H., Weiss, C. R., Semenza, G. L., Hofmann, L. V.
  2005; 68 (1): 144-154

- **Radiofrequency-enhanced vascular gene transduction and expression for intravascular MR imaging-guided therapy: Feasibility study in pigs** *RADIOLOGY*
  Du, X. Y., Qiu, B. S., Zhan, X. C., Kolmakova, A., Gao, F. B., Hofmann, L. V., Cheng, L. Z., Chatterjee, S., Yang, X. M.
  2005; 236 (3): 939-944

- **Endovascular model of rabbit Hindlimb ischemia: A platform to evaluate therapeutic angiogenesis** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Liddell, R. P., Patel, T. H., Weiss, C. R., Lee, D. S., Matsuhashi, T., Brown, P. R., Gabrielson, K. L., Rodriguez, E. R., Eng, J., Kimura, H., Hofmann, L. V.
  2005; 16 (7): 991-998

- **Human peripheral arteries: Feasibility of transvenous intravascular MR imaging of the arterial wall** *RADIOLOGY*
  Hofmann, L. V., Liddell, R. P., Eng, J., Wasserman, B. A., Arepally, A., Lee, D. S., Bluemke, D. A.

2005; 235 (2): 617-622

- **Endovascular management of May-Thurner syndrome** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Grunwald, M. R., Goldberg, M. J., Hofmann, L. V.
  2004; 183 (5): 1523-1524
- **Extracorporeal expulsion of a vascular endograft used to treat a mycotic aneurysm** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Patel, T. H., Eggleston, J., Weiss, C. R., Hofmann, L. V.
  2004; 15 (10): 1157-1160
- **Hilar cholangiocarcinoma: Staging with intrabiliary MRI** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Arepally, A., Georgiades, C., Hofmann, L. V., Choti, M., Thuluvath, P., Bluemke, D. A.
  2004; 183 (4): 1071-1074
- **Safety and hemodynamic effects of pulmonary angiography in patients with pulmonary hypertension: 10-year single-center experience** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Hofmann, L. V., Lee, D. S., Gupta, A., Arepally, A., Sood, S., Girgis, R., Eng, J.
  2004; 183 (3): 779-786
- **Diagnostic utility and safety of transjugular kidney biopsy in the obese patient** *NEPHROLOGY DIALYSIS TRANSPLANTATION*
  Fine, D. M., Arepally, A., Hofmann, L. V., Mankowitz, S. G., Atta, M. G.
  2004; 19 (7): 1798-1802
- **MR-trackable intramyrocardial injection catheter** *MAGNETIC RESONANCE IN MEDICINE*
  Karmarkar, P. V., Kraitchman, D. L., Izbudak, I., Hofmann, L. V., Amado, L. C., Fritzges, D., Young, R., Pittenger, M., Bulte, J. W., Atalar, E.
  2004; 51 (6): 1163-1172
- **Comparison of urokinase, alteplase, and reteplase for catheter-directed thrombolysis of deep venous thrombosis** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Grunwald, M. R., Hofmann, L. V.
  2004; 15 (4): 347-352
- **Response of balloon-expandable endoprosthetic metallic stents subjected to over-expansion in vitro** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  Montague, B. J., Kakimoto, W. M., Arepally, A., Razavi, M., Dake, M. D., Hofmann, L. V.
  2004; 27 (2): 158-163
- **Carcinoid tumors of the small bowel: A multitechnique imaging approach** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Horton, K. M., Kamel, I., Hofmann, L., Fishman, E. K.
  2004; 182 (3): 559-567
- **Therapeutic angiogenesis: the next frontier for interventional radiology.** *Techniques in vascular and interventional radiology*
  Liddell, R. P., Weiss, C. R., Hofmann, L. V.
  2004; 7 (1): 40-48
- **Catheter-directed thrombolysis for the treatment of symptomatic deep vein thrombosis** *CIRCULATION*
  Grunwald, M. R., Hofmann, L. V.
  2004; 109 (2): E10-E10
- **Catheter-directed thrombolytic therapy for limb ischemia: current status and controversies.** *Journal of vascular and interventional radiology*
  Razavi, M. K., Lee, D. S., Hofmann, L. V.
  2004; 15 (1): 13-23
- **Catheter-directed thrombolytic therapy for limb ischemia: Current status and controversies** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Razavi, M. K., Lee, D. S., Hofmann, L. V.
  2003; 14 (12): 1491-1501
- **In vivo intravascular MR imaging: Transvenous technique for arterial wall Imaging** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*

Hofmann, L. V., Lidell, R. P., Arepally, A., Montague, B., Yang, X. M., Bluemke, D. A.
2003; 14 (10): 1317-1327

- **Transcatheter coil embolization of large pulmonary artery pseudoaneurysms in a child** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Liddell, R. P., Patel, S., Neuwirth, M., Hebert, J., Arepally, A., Hofmann, L. V.
  2003; 14 (7): 923-927
- **Arteriographic and pathologic evaluation of two suture-mediated arterial closure devices in a porcine model** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Hofmann, L. V., Sood, S., Liddell, R. P., Gupta, A., Arepally, A., Rodriguez, E. R., Eng, J.
  2003; 14 (6): 755-761
- **An evaluation of commonly employed central venous catheter kits and their potential risk for complications of excess guidewire introduction** *JOURNAL OF CLINICAL ANESTHESIA*
  Rufener, J. B., Andrews, R. T., Pfister, M. E., Hofmann, L. V., Bloch, R. D., Kudryk, B. T., Venbrux, A. C.
  2003; 15 (4): 250-256
- **Multidetector-row computed tomography with three-dimensional volume rendering of pancreatic cancer: A complete preoperative staging tool using computed tomography angiography and volume-rendered cholangiopancreatography** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
  Johnson, P. T., Heath, D. G., Hofmann, L. V., Horton, K. M., Fishman, E. K.
  2003; 27 (3): 347-353
- **The safety, efficacy, and pharmacoeconomics of low-dose alteplase compared with urokinase for catheter-directed thrombolysis of arterial and venous occlusions** *JOURNAL OF VASCULAR SURGERY*
  Sugimoto, K., Hofmann, L. V., Razavi, M. K., Kee, S. T., Sze, D. Y., Dake, M. D., Semba, C. P.
  2003; 37 (3): 512-517
- **Treatment of splenic artery aneurysm with use of a stent-graft** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Arepally, A., Dagli, M., Hofmann, L. V., Kim, H. S., Cooper, M., Klein, A.
  2002; 13 (6): 631-633
- **Weight-based rt-PA thrombolysis protocol for acute native arterial and bypass graft occlusions** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Arepally, A., Hofmann, L. V., Kim, H. S., Geschwind, J. F., Kirkwood, S., Oechsle, D., Perler, B.
  2002; 13 (1): 45-50
- **GPIIb-IIIa receptor inhibitors: What the interventional radiologist needs to know** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  Hofmann, L. V., Razavi, M., Arepally, A., Reginelli, J. P., Resar, J., Geschwind, J. F., Corl, F.
  2001; 24 (6): 361-367
- **Tumor transport physiology: Implications for imaging and imaging-guided therapy** *85th Annual Meeting and Scientific Assembly of the Radiological-Society-of-North-America (RSNA)*
  Kuszyk, B. S., Corl, F. M., Franano, F. N., Bluemke, D. A., Hofmann, L. V., Fortmann, B. J., Fishman, E. K.
  AMER ROENTGEN RAY SOC.2001: 747–53
- **Lymphoscintigraphy in the diagnosis of lymphatic leak after surgical repair of femoral artery injury** *CLINICAL NUCLEAR MEDICINE*
  JONES, T. R., Carlisle, M. R., Hofmann, L. V., Strauss, H. W., Olcott, C.
  2001; 26 (1): 14-17
- **Angioarchitecture of pulmonary arteriovenous malformations: Characterization using volume-rendered 3-D CT angiography** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  Hofmann, L. V., Kuszyk, B. S., Mitchell, S. E., Horton, K. M., Fishman, E. K.
  2000; 23 (2): 165-170
- **Three-dimensional helical CT angiography in renal transplant recipients: A new problem-solving tool** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Hofmann, L. V., Smith, P. A., Kuszyk, B. S., Kraus, E., Fishman, E. K.
  1999; 173 (4): 1085-1089

- **Epidermoid inclusion cysts seen on CT of a patient with Gardner's syndrome** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Van Epps, K. J., Kuszyk, B. S., Hofmann, L. V., Fishman, E. K.
  1999; 173 (3): 858-859
- **Utilization of computed tomography in patients hospitalized with community-acquired pneumonia.** *Maryland medical journal (Baltimore, Md. : 1985)*
  Beall, D. P., Scott, W. W., Kuhlman, J. E., Hofmann, L. V., Moore, R. D., Mundy, L. M.
  1998; 47 (4): 182-187
- **Thrombosis of the deep femoral vein: A potential pitfall of color flow duplex Doppler ultrasonography** *SOUTHERN MEDICAL JOURNAL*
  Hofmann, L. V., Bluemke, D. A., Fishman, E. K.
  1997; 90 (12): 1244-1247
- **The role of computed tomography in community-acquired pneumonia.** *Administrative radiology journal : AR*
  Hofmann, L. V., Beall, D. P.
  1997; 16 (6-7): 30-33
- **Medication-induced adynamic ileus.** *Maryland medical journal (Baltimore, Md. : 1985)*
  Beall, D. P., Hofmann, L. V.
  1996; 45 (5): 415-416