




Lawrence "Rusty" Hofmann, MD

Professor of Radiology (Interventional Radiology) at the Stanford University Medical Center

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Interventional Radiology**

300 Pasteur Dr Rm H3652

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Stanford, CA 94305

Tel (650) 723-0728

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Mallorie Jones - Administrative/ Research Assistant

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Bio

CLINICAL FOCUS

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

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Radiology
- 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 (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

- Residency: Johns Hopkins University Dept of Radiology (1999) MD
- Fellowship: Stanford University Radiology Fellowships (2000) CA
- Medical Education: Ohio State University College of Medicine Registrar (1995) OH
- Board Certification: Diagnostic Radiology, American Board of Radiology (1999)
- 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>

Research & Scholarship

CLINICAL TRIALS

- Combination SBRT With TACE for Unresectable Hepatocellular Carcinoma, Not Recruiting

- HepaSphere/QuadrSphere Microspheres for Delivery of Doxorubicin for the Treatment of Hepatocellular Cancer, Not Recruiting
- Impact of C-arm CT in Decreased Renal Function Undergoing TACE for Tx of Hepato-Cellular Carcinoma, Not Recruiting
- Impact of C-arm CT in Patients With HCC Undergoing TACE: Optimal Imaging Guidance, Not Recruiting
- Permission to Collect Blood Over Time for Research, Not Recruiting
- Pulmonary Interstitial Lymphography in Early Stage Lung Cancer, Not Recruiting
- The GORE Viabahn Endoprosthesis for the Treatment of Venous Occlusions and Stenoses, Not Recruiting
- To Evaluate the Safety and Efficacy for GORE TAG Thoracic Endoprosthesis in the Treatment of Thoracic Aortic Disease, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

James Hui

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., Papat, 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., Papat, 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
- **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, unstenosed 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 ilio caval 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., Sichelau, 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., Sichelau, 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 Hepaticocentric 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 microencapsulated mesenchymal stem cell therapy for peripheral arterial disease**
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