




Lawrence "Rusty" Hofmann, MD

Professor of Radiology (Interventional Radiology)

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Interventional Radiology**

300 Pasteur Dr Rm H3652

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

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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 - University Medical 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 (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

Med Scholar Project Advisor

Ankit Baghel, Anoop Manjunath

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-VEIN 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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