

Stanford



Daniel Sze, MD, PhD

Professor of Radiology (Interventional Radiology)

CLINICAL OFFICES

- **Cardiovascular and Interventional Radiology**

300 Pasteur Dr Rm H3646

MC 5642

Stanford, CA 94305

Tel (650) 723-0728

Fax (650) 725-0533

Bio

CLINICAL FOCUS

- Cancer
- Interventional Radiology
- Interventional Oncology
- Interventional Radiology and Diagnostic Radiology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Radiology
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Member, Technology Assessment Committee, (2010-2016)
- Appointments and Promotions Committee, Dept. of Radiology, (2010-2018)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Radiology Fellowships (1997) CA
- Internship: California Pacific Medical Center Dept of Medicine (1992) CA
- Board Certification: Interventional Radiology and Diagnostic Radiology, American Board of Radiology (2017)
- Medical Education: Stanford University School of Medicine (1991) CA
- Residency: UCSF Medical Center (1996) CA
- AB, Harvard, Biochemistry Molecular Biology/ Visual & Environmental Studies (1983)

- PhD, Stanford , Biophysics (1990)
- MD, Stanford , Medicine (1991)

LINKS

- My section site: <http://stanfordhospital.org/clinicsmedServices/medicalServices/interventionalRadiology/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Transarterial administration of chemotherapeutics, radioactive microspheres, and biologics for the treatment of unresectable tumors; management of portal hypertension and complications of cirrhosis (TIPS); treatment of complications of organ transplantation; Venous and pulmonary arterial thrombolysis and reconstruction; Stent and Stent-graft treatment of peripheral vascular diseases, aneurysms, aortic dissections

CLINICAL TRIALS

- A TheraSphere® Advanced Dosimetry Retrospective Global Study in HCC, Recruiting
- Filter Initial & Long Term Evaluation After Placement and Retrieval Registry, Recruiting
- Pulmonary Embolism Response to Fragmentation, Embolectomy, & Catheter Thrombolysis: PERFECT, Recruiting
- A Humanitarian Device Exemption Treatment Protocol of TheraSphere For Treatment of Unresectable Hepatocellular Carcinoma, Not Recruiting
- Acute Venous Thrombosis: Thrombus Removal With Adjunctive Catheter-Directed Thrombolysis, Not Recruiting
- Chemoembolization With or Without Sorafenib Tosylate in Treating Patients With Liver Cancer That Cannot Be Removed by Surgery, Not Recruiting
- Combination SBRT With TACE for Unresectable Hepatocellular Carcinoma, Not Recruiting
- CyberKnife Radiosurgical Treatment of Inoperable Early Stage Non-Small Cell Lung Cancer, Not Recruiting
- Efficacy Evaluation of TheraSphere Following Failed First Line Chemotherapy in Metastatic Colorectal Cancer, Not Recruiting
- ExAblate (MRgFUS) Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- HepaSphere/QuadrSphere Microspheres for Delivery of Doxorubicin for the Treatment of Hepatocellular Cancer, Not Recruiting
- Hepatocellular Carcinoma Study Comparing Vaccinia Virus Based Immunotherapy Plus Sorafenib vs Sorafenib Alone, 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
- Prostate Artery Embolization With Embosphere Microspheres Compared to TURP for Benign Prostatic Hyperplasia, 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
- Transarterial Chemoembolization Compared With Stereotactic Body Radiation Therapy or Stereotactic Ablative Radiation Therapy in Treating Patients With Residual or Recurrent Liver Cancer Undergone Initial Transarterial Chemoembolization, Not Recruiting
- Transarterial Chemoembolization vs CyberKnife for Recurrent Hepatocellular Carcinoma, Not Recruiting

Publications

PUBLICATIONS

- **Gastric Outlet Obstruction Following Radioembolization: Extrahepatic complication from proximity to a superficial hepatic tumor treated with an ablative dose.** *Journal of vascular and interventional radiology : JVIR*
Zhou, W., Sze, D. Y.
2021

- **National Trends and Waitlist Outcomes of Locoregional Therapy among Liver Transplant Candidates with Hepatocellular Carcinoma in the United States.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Kwong, A. J., Ghaziani, T. T., Yao, F., Sze, D., Mannalithara, A., Mehta, N.
2021
- **Follow the Instructions.** *Journal of vascular and interventional radiology : JVIR*
Sze, D. Y.
2021; 32 (8): 1101-1102
- **A Call for Creativity.** *Journal of vascular and interventional radiology : JVIR*
Sze, D. Y.
2021; 32 (7): 935
- **Progress Accelerated.** *Journal of vascular and interventional radiology : JVIR*
Sze, D. Y.
2021; 32 (5): 641-42
- **Multi-Center Evaluation of Survival and Toxicities following Radioembolization: analysis of the RESiN Registry.** *Journal of vascular and interventional radiology : JVIR*
Frantz, S., Matsuoka, L., Vaheesan, K., Petroziello, M., Golzarian, J., Wang, E., Gandhi, R., Collins, Z., Brower, J., Rachakonda, V. M., Du, L., Kennedy, A. S., Sze, et al
2021
- **Incidence and risk factors for sustained hepatic function toxicity 6 months after radioembolization: analysis of the radiation-emitting sir-spheres in non-resectable liver tumor (RESIN) registry.** *Journal of gastrointestinal oncology*
Brown, D., Krebs, H., Brower, J., O'Hara, R., Wang, E., Vaheesan, K., Du, L., Matsuoka, L., D'Souza, D., Sze, D. Y., Golzarian, J., Gandhi, R., Kennedy, et al
2021; 12 (2): 639-657
- **High quality imaging and dosimetry for yttrium-90 (90Y) liver radioembolization using a SiPM-based PET/CT scanner.** *European journal of nuclear medicine and molecular imaging*
Duan, H., Khalaf, M. H., Ferri, V., Baratto, L., Srinivas, S. M., Sze, D. Y., Iagaru, A.
2021
- **International recommendations for personalised selective internal radiation therapy of primary and metastatic liver diseases with yttrium-90 resin microspheres.** *European journal of nuclear medicine and molecular imaging*
Levillain, H., Bagni, O., Deroose, C. M., Dieudonne, A., Gnesin, S., Grosser, O. S., Kappadath, S. C., Kennedy, A., Kokabi, N., Liu, D. M., Madoff, D. C., Mahvash, A., Martinez de la Cuesta, et al
2021
- **Visual Learning.** *Journal of vascular and interventional radiology : JVIR*
Sze, D. Y.
2021; 32 (3): 331
- **The Current Role and Outcomes in Unresectable Hepatocellular Carcinoma at Transplant vs Non-Transplant Centers: Interim Analysis of Radiation-Emitting SIR-Spheres (RESIN) Registry**
Livingston, A., Frantz, S., Matsuoka, L., Alexopoulos, S., Du, L., D'Souza, D., Kennedy, A., Sze, D., Brown, D.
WILEY.2021: 48
- **Introducing the New JVIR Editor-in-Chief.** *Journal of vascular and interventional radiology : JVIR*
Sze, D. Y.
2021; 32 (1): 1
- **Feasibility of Augmented Reality-Guided Transjugular Intrahepatic Portosystemic Shunt.** *Journal of vascular and interventional radiology : JVIR*
Yang, J., Zhu, J., Sze, D. Y., Cui, L., Li, X., Bai, Y., Ai, D., Fan, J., Song, H., Duan, F.
2020; 31 (12): 2098-2103
- **Trials of locoregional therapies inspired by SABR-COMET** *LANCET*
Kamarinos, N., Dawson, L. A., Saltz, L. B., Crane, C. H., Overman, M. J., Vauthey, J., Odisio, B. C., Denys, A., de Baere, T., Pereira, P. L., Sze, D. Y., Vogl, T. J., Meijerink, et al
2020; 396 (10256): 956-57

- **Genomic biomarkers to determine survival in Multicenter Study of RAS mutations (MURAS) in patients with colorectal liver metastases receiving Y90 radioembolization treatment.**
Case, M., Ghodadra, A., Novelli, P. M., Wu, V., Ganguli, S., Wildgruber, M., Kohler, M., Robinson, C., Kim, C., Wang, D. S., Sze, D. Y., Kolbeck, K., Russell, et al
LIPPINCOTT WILLIAMS & WILKINS.2020
- **KRAS status and survival in multicenter study of RAS mutations (MURAS) in patients with colorectal liver metastases receiving Y90 radioembolization treatment**
Case, M., Ghodadra, A., Novelli, P. M., Wu, V., Ganguli, S., Wildgruber, M., Kohler, M., Robinson, C., Kim, C., Wang, D. S., Sze, D. Y., Kolbeck, K., Russell, et al
AMER SOC CLINICAL ONCOLOGY.2020
- **Yttrium-90 Radioembolization in Intrahepatic Cholangiocarcinoma: A Multicenter Retrospective Analysis.** *Journal of vascular and interventional radiology : JVIR*
Buettner, S. n., Braat, A. J., Margonis, G. A., Brown, D. B., Taylor, K. B., Borgmann, A. J., Kappadath, S. C., Mahvash, A. n., IJzermans, J. N., Weiss, M. J., Lamarca, A. n., Bell, J. K., Valle, et al
2020
- **Spontaneous Regression of HCC- When the Immune System Stands Up to Cancer.** *Hepatology (Baltimore, Md.)*
Arjunan, V. n., Hansen, A. n., Deutzmann, A. n., Sze, D. Y., Dhanasekaran, R. n.
2020
- **Trials of locoregional therapies inspired by SABR-COMET.** *Lancet (London, England)*
Kamarios, N. V., Dawson, L. A., Saltz, L. B., Crane, C. H., Overman, M. J., Vauthey, J. N., Odisio, B. C., Denys, A. n., de Baère, T. n., Pereira, P. L., Sze, D. Y., Vogl, T. J., Meijerink, et al
2020; 396 (10256): 956–57
- **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
- **Chemoembolization via intrahepatic collateral arteries** *APPLIED RADIOLOGY*
Sze, D. Y.
2019; 48 (6): 40–41
- **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
- **Achieving Speaker Gender Equity at the SIR Annual Scientific Meeting: The Effect of Female Session Coordinators.** *Journal of vascular and interventional radiology : JVIR*
Ghatan, C. E., Altamirano, J., Fassiotto, M., Perez, M. G., Maldonado, Y., Josephs, S., Sze, D. Y., Kothary, N.
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
- **Immunotherapy and the Interventional Oncologist: Challenges and Opportunities-A Society of Interventional Oncology White Paper** *RADIOLOGY*
Erinjeri, J. P., Fine, G. C., Adema, G. J., Ahmeed, M., Chapiro, J., den Brok, M., Duran, R., Hunt, S. J., Johnson, D., Ricke, J., Sze, D. Y., Toskich, B., Wood, et al
2019; 292 (1): 25–34
- **Evidence-Based Integration of Yttrium-90 Radioembolization in the Contemporary Management of Hepatic Metastases from Colorectal Cancer** *TECHNIQUES IN VASCULAR AND INTERVENTIONAL RADIOLOGY*
Wang, D. S., Louie, J. D., Sze, D. Y.
2019; 22 (2): 74–80
- **Clinical and dosimetric considerations for Y90: recommendations from an international multidisciplinary working group.** *European journal of nuclear medicine and molecular imaging*
Salem, R., Padiá, S. A., Lam, M., Bell, J., Chiesa, C., Fowers, K., Hamilton, B., Herman, J., Kappadath, S. C., Leung, T., Portelance, L., Sze, D., Garin, et al

2019

- **Clinical Follow-Up after Imaging and Dosimetry for Yttrium-90 (Y-90) Liver Radioembolization Using a SiPM-Based PET/CT Scanner**
Duan, H., Khalaf, M., Baratto, L., Srinivas, S., Sze, D., Iagaru, A.
SOC NUCLEAR MEDICINE INC.2019
- **Immunotherapy and the Interventional Oncologist: Challenges and Opportunities-A Society of Interventional Oncology White Paper.** *Radiology*
Erinjeri, J. P., Fine, G. C., Adema, G. J., Ahmed, M., Chapiro, J., den Brok, M., Duran, R., Hunt, S. J., Johnson, D. T., Ricke, J., Sze, D. Y., Toskich, B. B., Wood, et al
2019: 182326
- **Untapped Resources: Attaining Equitable Representation for Women in IR** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Perez, M. G., Fassiotto, M., Altamirano, J., Hwang, G. L., Maldonado, Y., Josephs, S., Sze, D. Y., Kothary, N.
2019; 30 (4): 579–83
- **Untapped Resources: Attaining Equitable Representation for Women in IR.** *Journal of vascular and interventional radiology : JVIR*
Perez, M. G., Fassiotto, M., Altamirano, J., Hwang, G. L., Maldonado, Y., Josephs, S., Sze, D. Y., Kothary, N.
2019
- **Technical Feasibility and Clinical Effectiveness of Transjugular Intrahepatic Portosystemic Shunt Creation in Pediatric and Adolescent Patients.** *Journal of vascular and interventional radiology : JVIR*
Bertino, F., Hawkins, C. M., Shivaram, G., Gill, A. E., Lungren, M. P., Reposar, A., Sze, D. Y., Hwang, G. L., Koo, K., Monroe, E.
2019; 30 (2): 178
- **TheraSphere Yttrium-90 Glass Microspheres Combined With Chemotherapy Versus Chemotherapy Alone in Second-Line Treatment of Patients With Metastatic Colorectal Carcinoma of the Liver: Protocol for the EPOCH Phase 3 Randomized Clinical Trial.** *JMIR research protocols*
Chauhan, N., Mulcahy, M. F., Salem, R., Benson Iii, A. B., Boucher, E., Bukovcan, J., Cosgrove, D., Laframboise, C., Lewandowski, R. J., Master, F., El-Rayes, B., Strosberg, J. R., Sze, et al
2019; 8 (1): e11545
- **Evidence-Based Integration of Yttrium-90 Radioembolization in the Contemporary Management of Hepatic Metastases from Colorectal Cancer.** *Techniques in vascular and interventional radiology*
Wang, D. S., Louie, J. D., Sze, D. Y.
2019; 22 (2): 74–80
- **Quantification of Activity Lost to Delivery-System Residual and Decay in Yttrium-90 Radioembolization.** *Journal of vascular and interventional radiology : JVIR*
Hoang, N. S., Khalaf, M. H., Rosenberg, J. K., Kwofie, J., Reposar, A. L., Wang, D. S., Louie, J. D., Sze, D. Y.
2018
- **Response and Overall Survival for Yttrium-90 Radioembolization of Hepatic Sarcoma: A Multicenter Retrospective Study** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Miller, M. D., Sze, D. Y., Padia, S. A., Lewandowski, R. J., Salem, R., Mpfu, P., Haste, P. M., Johnson, M. S.
2018; 29 (6): 867–73
- **Transarterial chemoembolization in children to treat unresectable hepatocellular carcinoma.** *Pediatric transplantation*
Weiss, K. E., Sze, D. Y., Rangaswami, A. A., Esquivel, C. O., Concepcion, W., Lebowitz, E. A., Kothary, N., Lungren, M. P.
2018: e13187
- **Anatomic versus Metabolic Tumor Response Assessment after Radioembolization Treatment** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Jongen, J. J., Rosenbaum, C. M., Braat, M. A., van den Bosch, M. J., Sze, D. Y., Kranenburg, O., Rinkes, I., Lam, M. H., van den Hoven, A. F.
2018; 29 (2): 244–53
- **Recommendations for radioembolisation after liver surgery using yttrium-90 resin microspheres based on a survey of an international expert panel** *EUROPEAN RADIOLOGY*
Samim, M., van Veenendaal, L. M., Braat, M. A., van den Hoven, A. F., Van Hillegersberg, R., Sangro, B., Kao, Y., Liu, D., Louie, J. D., Sze, D. Y., Rose, S. C., Brown, D. B., Ahmadzadehfar, et al
2017; 27 (12): 4923–30
- **Yttrium-90 Radioembolization for Unresectable Combined Hepatocellular-Cholangiocarcinoma (vol 40, pg 1383, 2017)** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*

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- Chan, L. S., Sze, D. Y., Poultsides, G. A., Louie, J. D., Abdelrazek Mohammed, M. A., Wang, D. S.
2017; 40 (10): 1657
- **Authors' Reply: Letter to the Editor Regarding "Yttrium-90 Radioembolization for Unresectable Combined Hepatocellular-Cholangiocarcinoma".** *Cardiovascular and interventional radiology*
Wang, D. S., Sze, D. Y.
2017
 - **Yttrium-90 Radioembolization for Unresectable Combined Hepatocellular-Cholangiocarcinoma.** *Cardiovascular and interventional radiology*
Chan, L. S., Sze, D. Y., Poultsides, G. A., Louie, J. D., Abdelrazek Mohammed, M. A., Wang, D. S.
2017
 - **The Role of Dual-Phase Cone-Beam CT in Predicting Short-Term Response after Transarterial Chemoembolization for Hepatocellular Carcinoma.** *Journal of vascular and interventional radiology*
Müller, K., Datta, S., Gehrisch, S., Ahmad, M., Mohammed, M. A., Rosenberg, J., Hwang, G. L., Louie, J. D., Sze, D. Y., Kothary, N.
2017; 28 (2): 238-245
 - **Survival in Cirrhotic Patients with High MELD Scores: The TIPping Point** *DIGESTIVE DISEASES AND SCIENCES*
Hwang, G. L., Sze, D. Y.
2017; 62 (2): 296-98
 - **Yttrium-90 Radioembolization with Resin Microspheres without Routine Embolization of the Gastroduodenal Artery.** *Journal of vascular and interventional radiology*
Ward, T. J., Louie, J. D., Sze, D. Y.
2017; 28 (2): 246-253
 - **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
 - **Radioembolization of Hepatic Malignancies: Background, Quality Improvement Guidelines, and Future Directions** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Padia, S. A., Lewandowski, R. J., Johnson, G. E., Sze, D. Y., Ward, T. J., Gaba, R. C., Baerlocher, M. O., Gates, V. L., Riaz, A., Brown, D. B., Siddiqi, N. H., Walker, T. G., Silberzweig, et al
2017; 28 (1): 1-15
 - **Embolotherapy for Neuroendocrine Tumor Liver Metastases: Prognostic Factors for Hepatic Progression-Free Survival and Overall Survival.** *Cardiovascular and interventional radiology*
Chen, J. X., Rose, S., White, S. B., El-Haddad, G., Fidelman, N., Yarmohammadi, H., Hwang, W., Sze, D. Y., Kothary, N., Stashek, K., Wileyto, E. P., Salem, R., Metz, et al
2017; 40 (1): 69-80
 - **Embolotherapy for Neuroendocrine Tumor Liver Metastases: Prognostic Factors for Hepatic Progression-Free Survival and Overall Survival** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
Chen, J. X., Rose, S., White, S. B., El-Haddad, G., Fidelman, N., Yarmohammadi, H., Hwang, W., Sze, D. Y., Kothary, N., Stashek, K., Wileyto, E. P., Salem, R., Metz, et al
2017; 40 (1): 69-80
 - **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
 - **Technical and Anatomic Factors Influencing the Success of Inferior Vena Caval Stent Placement for Malignant Obstruction.** *Journal of vascular and interventional radiology*
Devicic, Z., Techasith, T., Banerjee, A., Rosenberg, J. K., Sze, D. Y.
2016; 27 (9): 1350-1360 e1
 - **Occupational Radiation Exposure during Pregnancy: A Survey of Attitudes and Practices among Interventional Radiologists** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Ghatan, C. E., Fassiotto, M., Jacobsen, J. P., Sze, D. Y., Kothary, N.
-

2016; 27 (7): 1013-1020

- **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
- **Complications During Transjugular Intrahepatic Portosystemic Shunt Creation.** *Techniques in vascular and interventional radiology*
Shah, R. P., Sze, D. Y.
2016; 19 (1): 61-73
- **Embolotherapy for Neuroendocrine Tumor Liver Metastases: Prognostic Factors for Hepatic Progression-free Survival and Overall Survival**
Chen, J. X., Rose, S., White, S. B., El-Haddad, G., Fidelman, N., Yarmohammadi, H., Sze, D., Salem, R., Metz, D., Soulen, M. C.
LIPPINCOTT WILLIAMS & WILKINS.2016: 473
- **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
- **A Geometrical-Characteristics Study in Patient-Specific FSI Analysis of Blood Flow in the Thoracic Aorta** *ADVANCES IN COMPUTATIONAL FLUID-STRUCTURE INTERACTION AND FLOW SIMULATION: NEW METHODS AND CHALLENGING COMPUTATIONS*
Suito, H., Takizawa, K., Huynh, V. H., Sze, D., Ueda, T., Tezduyar, T. E., Bazilevs, Y., Takizawa, K.
2016: 379-86
- **Percutaneous Cryoablation for Successful Treatment of a Persistent Urine Leak after Robotic-Assisted Partial Nephrectomy.** *Journal of vascular and interventional radiology*
Ward, T. J., Ahmed, O., Chung, B. I., Sze, D. Y., Hwang, G. L.
2015; 26 (12): 1867-1870
- **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
- **Management of High Hepatopulmonary Shunting in Patients Undergoing Hepatic Radioembolization.** *Journal of vascular and interventional radiology*
Ward, T. J., Tamrazi, A., Lam, M. G., Louie, J. D., Kao, P. N., Shah, R. P., Kadoch, M. A., Sze, D. Y.
2015; 26 (12): 1751-1760
- **Watershed Hepatocellular Carcinomas: The Risk of Incomplete Response following Transhepatic Arterial Chemoembolization.** *Journal of vascular and interventional radiology*
Kothary, N., Takehana, C., Mueller, K., Sullivan, P., Tahvildari, A., Sidhar, V., Rosenberg, J., Louie, J. D., Sze, D. Y.
2015; 26 (8): 1122-1129
- **Fusion dual-tracer SPECT-based hepatic dosimetry predicts outcome after radioembolization for a wide range of tumour cell types** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Lam, M. G., Banerjee, A., Goris, M. L., Iagaru, A. H., Mitra, E. S., Louie, J. D., Sze, D. Y.
2015; 42 (8): 1192-1201
- **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
- **Radioembolization Dosimetry: The Road Ahead** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
Smits, M. L., Elschot, M., Sze, D. Y., Kao, Y. H., Nijssen, J. F., Iagaru, A. H., de Jong, H. W., Van den Bosch, M. A., Lam, M. G.

2015; 38 (2): 261-269

- **Classification of Hypervascular Liver Lesions Based on Hepatic Artery and Portal Vein Blood Supply Coefficients Calculated from Triphasic CT Scans** *JOURNAL OF DIGITAL IMAGING*
Boas, F. E., Kamaya, A., Do, B., Desser, T. S., Beaulieu, C. F., Vasanawala, S. S., Hwang, G. L., Sze, D. Y.
2015; 28 (2): 213-223
- **Optimal imaging surveillance schedules after liver-directed therapy for hepatocellular carcinoma.** *Journal of vascular and interventional radiology*
Boas, F. E., Do, B., Louie, J. D., Kothary, N., Hwang, G. L., Kuo, W. T., Hovsepian, D. M., Kantrowitz, M., Sze, D. Y.
2015; 26 (1): 69-73
- **FSI analysis of the blood flow and geometrical characteristics in the thoracic aorta** *COMPUTATIONAL MECHANICS*
Suito, H., Takizawa, K., Huynh, V. Q., Sze, D., Ueda, T.
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