Stanford

Daniel Sze, MD, PhD

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

CLINICAL OFFICES

- **Cardiovascular and Interventional Radiology**

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Bio

CLINICAL FOCUS

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

ACADEMIC APPOINTMENTS

- Professor - Med Center 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

- Board Certification: Interventional Radiology and Diagnostic Radiology, American Board of Radiology (2017)
- Internship: California Pacific Medical Center Dept of Ophthalmology (1992) CA
- Fellowship: Stanford University School of Medicine Registrar (1997) CA
- 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 Humanitarian Device Exemption Treatment Protocol of TheraSphere For Treatment of Unresectable Hepatocellular Carcinoma, Recruiting
- 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
- 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, 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/Quadrasphere 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 vs CyberKnife for Recurrent Hepatocellular Carcinoma, Not Recruiting

Publications

PUBLICATIONS

- **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., Padia, 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., Mpofu, 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*

  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*

  Devcic, 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., Mittra, 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., Nijsen, 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.
  2014; 54 (4): 1035-1045
- **The Efficacy of Hepatic 90Y Resin Radioembolization for Metastatic Neuroendocrine Tumors: A Meta-Analysis.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Devcic, Z., Rosenberg, J., Braat, A. J., Techasith, T., Banerjee, A., Sze, D. Y., Lam, M. G.
  2014; 55 (9): 1404-1410
- **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
- **Reply: 99mTc-MAA-based dosimetry for liver cancer treated using 90Y-loaded microspheres: known proof of effectiveness.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Lam, M. G., Sze, D. Y.
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- **Splenomegaly-associated thrombocytopenia after hepatic yttrium-90 radioembolization.** *Cardiovascular and interventional radiology*
  Lam, M. G., Banerjee, A., Louie, J. D., Sze, D. Y.
  2014; 37 (4): 1009-1017
- **Limitations of body surface area-based activity calculation for radioembolization of hepatic metastases in colorectal cancer.** *Journal of vascular and interventional radiology*
  Lam, M. G., Louie, J. D., Abdelmaksoud, M. H., Fisher, G. A., Cho-Phan, C. D., Sze, D. Y.
  2014; 25 (7): 1085-1093
- **Limitations of Body Surface Area-Based Activity Calculation for Radioembolization of Hepatic Metastases in Colorectal Cancer** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Lam, M. G., Louie, J. D., Abdelmaksoud, M. H., Fisher, G. A., Cho-Phan, C. D., Sze, D. Y.
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- **Reply to "the limitations of theoretical dose modeling for yttrium-90 radioembolization".** *Journal of vascular and interventional radiology*
  Sze, D. Y., Lam, M. G.
  2014; 25 (7): 1147-1148
- **Statistical Assessment for Risk Prediction of Endoleak Formation After TEVAR Based on Linear Discriminant Analysis**
  Hayashi, K., Ishioka, F., Raman, B., Sze, D. Y., Suito, H., Ueda, T., Kurihara, K., Vicari, D., Okada, A., Ragozini, G., Weihs, C.
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  Lam, M. G., Banerjee, S., Louie, J. D., Abdelmaksoud, M. H., Iagaru, A. H., Ennen, R. E., Sze, D. Y.
  2013; 36 (6): 1536-1547
- **Prognostic Utility of Y-90 Radioembolization Dosimetry Based on Fusion Tc-99m-Macroaggregated Albumin-Tc-99m-Sulfur Colloid SPECT** *JOURNAL OF NUCLEAR MEDICINE*
  Lam, M. G., Goris, M. L., Iagaru, A. H., Mittra, E. S., Louie, J. D., Sze, D. Y.
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- **Prognostic utility of 90Y radioembolization dosimetry based on fusion 99mTc-macroaggregated albumin-99mTc-sulfur colloid SPECT.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Lam, M. G., Goris, M. L., Iagaru, A. H., Mittra, E. S., Louie, J. D., Sze, D. Y.
  2013; 54 (12): 2055-2061
- **Safety of repeated yttrium-90 radioembolization.** *Cardiovascular and interventional radiology*
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  2013; 36 (5): 1320-1328
- **Safety of (90)y radioembolization in patients who have undergone previous external beam radiation therapy.** *International journal of radiation oncology, biology, physics*
  Lam, M. G., Abdelmaksoud, M. H., Chang, D. T., Eclov, N. C., Chung, M. P., Koong, A. C., Louie, J. D., Sze, D. Y.
  2013; 87 (2): 323-329
- **Oncolytic virotherapy.** *Journal of vascular and interventional radiology*
  Sze, D. Y., Reid, T. R., Rose, S. C.
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- **Cancer Concepts and Principles: Primer for the Interventional Oncologist-Part II** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Hickey, R., Vouche, M., Sze, D. Y., Hohlastos, E., Collins, J., Schirmang, T., Memon, K., Ryu, R. K., Sato, K., Chen, R., Gupta, R., Resnick, S., Carr, et al
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- **Cancer Concepts and Principles: Primer for the Interventional Oncologist-Part I** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
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  2013; 24 (8): 1157-1164
- **Carbon Dioxide Contrast Enhancement for C-Arm CT Utility for Treatment Planning during Hepatic Embolization Procedures.** *Journal of vascular and interventional radiology*
  Wong, A. A., Charalel, R. A., Louie, J. D., Sze, D. Y.
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- **Measuring (and Manipulating) Cellular Immune Activation.** *Journal of vascular and interventional radiology*
  Sze, D. Y.
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  Samuelson, S. D., Louie, J. D., Sze, D. Y.
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- **Prophylactic Topically Applied Ice to Prevent Cutaneous Complications of Nontarget Chemoembolization and Radioembolization** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Wang, D. S., Louie, J. D., Kothary, N., Shah, R. P., Sze, D. Y.
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- **Intra-arterial therapies for metastatic colorectal cancer.** *Seminars in interventional radiology*
  Wang, D. S., Louie, J. D., Sze, D. Y.
  2013; 30 (1): 12-20
- **Intra-Arterial Therapies for Metastatic Colorectal Cancer** *SEMINARS IN INTERVENTIONAL RADIOLOGY*
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