

Selected recent abstracts and publications

Publications and Textbook Chapters:

Titano JJ, Kim E, Patel RS. Yttrium-90 Complications: Prevention and Management. *Tech Vasc Interv Radiol*. 2019 Jun;22(2):87-92. doi: 10.1053/j.tvir.2019.02.010. Epub 2019 Feb 27. PMID 31079716.

Titano JJ, Voutsinas, N, Kim E. The Role of Radioembolization in Bridging and Downstaging Hepatocellular Carcinoma to Curative Therapy. *Semin Nucl Med*. 2019 May;49(3):189-196. doi: 10.1053/j.semnuclmed.2019.01.003. Epub 2019 Feb 23. PMID: 30954184

Titano JJ, Fischman AM, Cherian A, Tully M, Stein LL, Jacobs L, Rubin RA, Bosley M, Citron S, Joelson DW, Shrestha R, Arepally A. End-hole Versus Microvalve Infusion Catheters in Patients Undergoing Drug-Eluting Microspheres-TACE for Solitary Hepatocellular Carcinoma Tumors: A Retrospective Analysis. *Cardiovasc Intervent Radiol*. 2019 Apr;42(4):560-568. doi: 10.1007/s00270-018-2150-6. Epub 2019 Jan 11. PMID: 30635728

Posham R, Young LB, Lookstein RA, Pena C, Patel RS, Fischman AM. Radial Access for Lower Extremity Peripheral Arterial Interventions: Do We Have the Tools? *Semin Intervent Radiol*. 2018 Dec;35(5):427-434. doi: 10.1055/s-0038-1676341. Epub 2019 Feb 5. Review. PubMed PMID: 30728658; PubMed Central PMCID: PMC6363539.

Zech JR, Badgeley MA, Liu M, Costa AB, **Titano JJ**, Oermann EK. Variable generalization performance of a deep learning model to detect pneumonia in chest radiographs: A cross-sectional study. *PLoS Med*. 2018 Nov 6;15(11):e1002683. doi: 10.1371/journal.pmed.1002683. eCollection 2018 Nov. PubMed PMID: 30399157; PubMed Central PMCID: PMC6219764.

Titano JJ, Badgeley M, Schefflein J, Pain M, Su A, Cai M, Swinburne N, Zech J, Kim J, Bederson J, Mocco J, Drayer B, Lehar J, Cho S, Costa A, Oermann EK. Automated deep-neural-network surveillance of cranial images for acute neurologic events. *Nat Med*. 2018 Sep;24(9):1337-1341. doi: 10.1038/s41591-018-0147-y. Epub 2018 Aug 13. PubMed PMID: 30104767.

Voutsinas N, Lekperic S, Barazani S, **Titano JJ**, Heiba SI, Kim E. Treatment of Primary Liver Tumors and Liver Metastases, Part 1: Nuclear Medicine Techniques. *J Nucl Med*. 2018 Nov;59(11):1649-1654. doi: 10.2967/jnumed.116.186346. Epub 2018 Aug 2. Review. PubMed PMID: 30072501.

Titano JJ, Biederman DM, Zech J, Korff R, Ranade M, Patel R, Kim E, Nowakowski F, Lookstein R, Fischman AM. Safety and Outcomes of Transradial Access in Patients with International Normalized Ratio 1.5 or Above. *Journal of Vascular & Interventional Radiology*. 2018 Jan 30. pii: S1051-0443(17)31030-8.

Zech J, Pain M, **Titano J**, Badgeley M, Schefflein J, Su A, Costa A, Bederson J, Lehar J, Oermann EK. Natural Language-based Machine Learning Models for the Annotation of Clinical Radiology Reports. *Radiology*. Epub 2018 Jan 30:171093.

Titano JJ, Noor A, Kim E. Transarterial Chemoembolization and Radioembolization across Barcelona Clinic Liver Cancer Stages. *Seminars in Interventional Radiology*. 2017 Jun; 34(2):109-115.

Biederman DM, **Titano JJ**, Korff RA, Fischman AM, Patel RS, Nowakowski FS, Lookstein RA, Kim E. Radiation Segmentectomy versus Selective Chemoembolization in the Treatment of Early-Stage Hepatocellular Carcinoma. *J Vasc Interv Radiol*. 2018 Jan;29(1):30-37.e2. doi: 10.1016/j.jvir.2017.08.026. Epub 2017 Nov 21. PMID: 29169782

Paul O'Connor, MD; Aaron M. Fischman, MD; and Edward Kim, MD. Yttrium-90 Segmentectomy Flow Diversion Using Embolized Microspheres. *Endovascular Today*. October 2017.

P O'Connor, R. Lookstein. Endovascular Interventions For Deep Vein Thrombosis. *Techniques in Vascular and Interventional Radiology*. 2018 Jun;21(2):55-64. doi: 10.1053/j.tvir.2018.03.010. Epub 2018 Mar 15.

Presentations (Abstracts, Oral Presentations, and Posters):

Titano JJ, Hong B, Biederman DM, Liu L, Ranade M, Bishay V, Patel R, Kim E, Nowakowski F, Lookstein RA, Fischman AM. Microwave Ablation vs Cryoablation in the Treatment of T1a Renal Cell Carcinoma: A Single-Center Comparison of Safety and Outcomes. *Society of Interventional Radiology*, 2018, Los Angeles, California.

Titano JJ, Fischman AM, Shrestha R, Pollinger H, Jacobs L, Citron S, Tully M, Arepally A, Stein L, Rubin R. Comparison of Response Rates and Explant Analysis Between Endhole vs Anti-Reflux Catheters in Patients Undergoing DEB-TACE for Solitary LR-5 HCC Tumors. *Society of Interventional Radiology*, 2018, Los Angeles, California.

P O'Connor . Prediction of segmental response using planning cone beam CT angiography for yttrium-90 segmentectomy. Scientific Abstract- Poster presentation. *Society of Interventional Radiology*. March, 2017.

P O'Connor , Complex IVC Filter Retrieval using "Forceps Inversion Technique" via Large Bore Femoral Vein Access. Scientific Abstract- Oral presentation. *Society of Interventional Radiology*. March, 2017.

Biederman, D. M., **Titano, J. J.**, Korff, R., Facciuto, M., Gunasekaran, G., Florman, S., Tabori, N., Patel, R. S., Nowakowski, F. S., Fischman, A. M., Lookstein, R. S., & Kim, E. Radioembolization vs. Chemoembolization for Unresectable Solitary Hepatocellular Carcinoma ≤ 3 cm. (2017). Presented at Society of Interventional Radiology (SIR) Annual Meeting, Washington, D.C. Abstract published in *Journal of Vascular and Interventional Radiology*.