Stanford

Andrew Kesselman

Clinical Associate Professor, Radiology

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Andrew Kesselman, M.D. is a radiologist specializing in Vascular & Interventional Radiology. He has expertise in diagnosis and treatment of deep venous disease and portal hypertension as well as specializing in interventional oncology.

Dr. Kesselman earned his M.D. from New York Medical College in 2011. He completed his internship in Preliminary Medicine at Beth Israel Medical Center. Dr. Kesselman completed his Diagnostic Radiology residency at SUNY Downstate in 2016 which was followed by a fellowship in Vascular and Interventional Radiology at Stanford University Medical Center, which he completed in 2017 and continued to serve as a clinical instructor from 2017-2018. Dr. Kesselman was an Assistant Professor of Radiology at Weill Cornell Medicine and an Assistant Attending Interventional Radiologist at the NYPH-Weill Cornell Medicine from 2018-2022 prior to returning to Stanford. In addition to clinical and research activities, Dr. Kesselman is an active teacher of fellows, residents, and medical students.

CLINICAL FOCUS

- IVC Filter Placement and Retrieval
- Arterial and Venous Chronic Total Occlusions
- Acute PE and DVT
- Percutaneous tumor ablation
- Uterine Artery Embolization
- Portal Hypertension
- Interventional Radiology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Radiology

PROFESSIONAL EDUCATION

- Medical Education: New York Medical College (2011) NY
- Board Certification: Interventional Radiology, American Board of Radiology (2018)
- Board Certification: Registered Physician in Vascular Interpretation, Alliance for Physician Certification and Advancement (2019)
- Fellowship: Stanford University Medical Center (2017) CA
- Residency: SUNY Downstate School of Medicine Registrar (2016) NY
- Internship: Beth Israel Medical Center (2012) NY

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Currently studying the role of interventional therapies in caval filtration, venous thromboembolism and primary and metastatic hepatic malignancies.

CLINICAL TRIALS

- The GORE® VIABAHN® FORTEGRA Venous Stent Iliofemoral Study, Recruiting

Publications

PUBLICATIONS

- **Short- and long-term changes in renal function following percutaneous cryoablation: a comparison of endophytic versus exophytic renal tumors.** *Journal of vascular and interventional radiology : JVIR*
  Yu, C., Hung, M., Wang, R., Kim, J., Kesselman, A., Kothary, N.
  2026: 108943
- **Early Percutaneous Cryoneurolysis for Pain Control After Rib Fracture for Older Patients: A Prospective Randomized Clinical Trial.** *Journal of the American College of Surgeons*
  Forrester, J. D., Abreo, A., Earley, M., King, J. M., Kesselman, A., Vezeridis, A. M., Picel, A. C., Kothary, N.
  2026
- **Hepatocellular Carcinoma: A Practical Anatomy-Based Guide for Staging and Treatment Planning, From the AJR Special Series on Critical Anatomy.** *AJR. American journal of roentgenology*
  Chiu, S. H., Kesselman, A., Delitto, D. J., Dhanasekaran, R., Chang, W. C., Kamaya, A., Tse, J. R.
  2025
- **LI-RADS CT/MRI Radiation Treatment Response Algorithm Version 2024: Category Redistribution and Short-Term Outcomes in Patients Undergoing Y-90 Radioembolization for HCC.** *AJR. American journal of roentgenology*
  Chiu, S. H., Kesselman, A., Yoon, L., Kamaya, A., Tse, J. R.
  2025
- **Portal Hypertensive Gastropathy and MELD-Na Score Predict Recurrent Gastrointestinal Bleeding After TIPSS: An ALTA Group Study.** *Alimentary pharmacology & therapeutics*
  Hu, K., Sedki, M., Kwong, A., Kesselman, A., Kolli, K. P., Morelli, G., Spengler, E., Said, A., Lai, J., Desai, A., Paul, S., Frenette, C., Fallon, et al
  2024
- **Endovascular Management of Non-Cirrhotic Acute Portomesenteric Venous Thrombosis.** *Journal of vascular and interventional radiology : JVIR*
  Lorenz, J., Kwak, D. H., Martin, L., Kesselman, A., Hofmann, L. V., Yu, Q., Youssef, S., Ciolek, P., Ahmed, O.
  2024
- **Percutaneous Cryoneurolysis for Pain Control After Rib Fractures in Older Adults.** *JAMA surgery*
  Wang, S., Earley, M., Kesselman, A., Vezeridis, A. M., Picel, A. C., Kothary, N., Forrester, J. D.
  2024

- **Large language models' responses to liver cancer surveillance, diagnosis, and management questions: accuracy, reliability, readability.** *Abdominal radiology (New York)*
  Cao, J. J., Kwon, D. H., Ghaziani, T. T., Kwo, P., Tse, G., Kesselman, A., Kamaya, A., Tse, J. R.
  2024

- **Building Radiology Equity: Themes from the 2023 RAD-AID Conference on International Radiology and Global Health.** *Journal of the American College of Radiology : JACR*
  Lugossy, A. M., Anton, K., Dako, F., Dixon, R. G., DuCharme, P. A., Duggan, C., Durand, M. A., Einstein, S. A., Elahi, A., Kesselman, A., Kulinski, L. F., Mango, V. L., Pollack, et al
  2024

- **Performance of RAPID noncontrast CT stroke platform in large vessel occlusion and intracranial hemorrhage detection.** *Frontiers in neurology*
  Yedavalli, V., Heit, J. J., Dehkharghani, S., Haerian, H., Mcmenamy, J., Honce, J., Timpone, V. M., Harnain, C., Kesselman, A., Filly, A., Beardsley, A., Sakamoto, B., Song, et al
  2023; 14: 1324088

- **Reply to "Improving Accuracy in ChatGPT".** *AJR. American journal of roentgenology*
  Cao, J. J., Kamaya, A., Tse, J. R.
  2023: 1-2

- **Accuracy of Information Provided by ChatGPT Regarding Liver Cancer Surveillance and Diagnosis.** *AJR. American journal of roentgenology*
  Cao, J. J., Kwon, D. H., Ghaziani, T. T., Kwo, P., Tse, G., Kesselman, A., Kamaya, A., Tse, J. R.
  2023

- **Beyond the AJR: The Excimer Laser-Assisted Retrieval of Embedded IVC Filters.** *AJR. American journal of roentgenology*
  Kesselman, A., Kuo, W.
  2023

- **Implementation and Evaluation of a Comprehensive Simulation Curriculum for the IR/DR Integrated Residency.** *Academic radiology*
  Khilnani, T. K., Kesselman, A., D'Angelo, D., RoyChoudhury, A., Lamparello, N. A.
  2023

- **Adverse Events Associated with New Nitinol Venous-Labeled Stents: A Review of the FDA MAUDE Database.** *Journal of vascular and interventional radiology : JVIR*
  Yan, J., Datta, S., Kesselman, A., Malhotra, A., Scherer, K., Wadhwa, V.
  2022

- **Global Health and Interventional Radiology: Supporting Trainee Engagement and Diversity for Future Development.** *Journal of vascular and interventional radiology : JVIR*
  Matsumoto, M. M., Dixon, R., Anton, K., Hunt, S. J., Kesselman, A.
  2022; 33 (5): 604

- **Redefining Intermediate-Stage HCC Treatment in the Era of Immune Therapies.** *JCO oncology practice*
  Brar, G., Kesselman, A., Malhotra, A., Shah, M. A.
  2022; 18 (1): 35-41

- **Prevalence of hypercoagulable states in stented thrombotic iliac vein compression syndrome with comparison of re-intervention and anticoagulation regimens** *WORLD JOURNAL OF RADIOLOGY*
  Cramer, P., Mensah, C., DeSancho, M., Malhotra, A., Winokur, R., Kesselman, A.
  2021; 13 (12): 371-379

- **Safety and Efficacy of Microwave Ablation for Hepatocellular Carcinoma in the Setting of Transjugular Intrahepatic Portosystemic Shunt** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  Yan, J., Ying, X., Malhotra, A., Talenfeld, A., Charalel, R., Lee, K., Trost, D., Kesselman, A.
  2022; 45 (5): 578-581

- **Addressing Global Radiology Disparities: Increasing Access to Interventional Radiology Education** *RADIOGRAPHICS*
  McKenney, A., Garg, T., Kim, E., Kesselman, A.
  2021; 41 (5): E142-E144

- **Transjugular intrahepatic portosystemic shunt (TIPS) as rescue therapy for endoscopic glue migration and bleeding gastric varices.** *Radiology case reports*
  Yan, J., Browne, W., Kesselman, A.
  2021; 16 (8): 2035-2037
- **To New Heights: Interventional Radiology Outreach to Underserved Regions via Aircraft-Delivered Mobile Health Units** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY*
  England, R. W., Gage, D., Kesselman, A., Mollura, D. J.
  2021; 44 (9): 1478-1480
- **Current Controversies in Inferior Vena Cava Filter Placement: AJR Expert Panel Narrative Review** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Kesselman, A., Oo, T., Johnson, M., Stecker, M. S., Kaufman, J., Trost, D.
  2021; 216 (3): 563-569
- **Role of interventional radiology in the treatment of COVID-19 patients: Early experience from an epicenter** *CLINICAL IMAGING*
  Lee, K., Talenfeld, A. D., Browne, W. F., Holzwanger, D. J., Harnain, C., Kesselman, A., Pua, B. B.
  2021; 71: 143-146
- **Endovascular simulation as a supplemental training tool during the COVID-19 national emergency** *CLINICAL IMAGING*
  Kesselman, A., Lamparello, N. A., Malhotra, A., Winokur, R. S., Pua, B. B.
  2020; 67: 72-73
- **Transforming Positive Pressure IR Suites to Treat COVID-19 Patients** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Lamparello, N. A., Choi, S., Charalel, R., Lee, K., Kesselman, A., Scherer, K., Harnain, C. M., Browne, W. F., Shiffman, M., Holzwanger, D. J., Pua, B. B.
  2020; 31 (9): 1496-1499
- **A Role for Virtual Reality in Planning Endovascular Procedures** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Mohammed, M., Khalaf, M. H., Kesselman, A., Wang, D. S., Kothary, N.
  2018; 29 (7): 971–74
- **Endovascular Removal of Fractured Inferior Vena Cava Filter Fragments: 5-Year Registry Data with Prospective Outcomes on Retained Fragments** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Kesselman, A. J., Hoang, N., Sheu, A. Y., Kuo, W. T.
  2018; 29 (6): 758–64
- **A Role for Virtual Reality in Planning Endovascular Procedures.** *Journal of vascular and interventional radiology : JVIR*
  Mohammed, M. A., Khalaf, M. H., Kesselman, A., Wang, D. S., Kothary, N.
  2018; 29 (7): 971–74
- **Prophylactic IVC filter placement in bariatric surgery patients: results from a prospective filter registry** *CVIR ENDOVASCULAR*
  Sheu, A. Y., Hoang, N., Kesselman, A. J., Liang, T., Rosenberg, J. K., Kuo, W. T.
  2018; 1 (1)
- **Endovascular Removal of Fractured Inferior Vena Cava Filter Fragments: 5-Year Registry Data with Prospective Outcomes on Retained Fragments.** *Journal of vascular and interventional radiology : JVIR*
  Kesselman, A. J., Hoang, N. S., Sheu, A. Y., Kuo, W. T.
  2018; 29 (6): 758–64
- **2016 RAD-AID Conference on International Radiology for Developing Countries: Gaps, Growth, and United Nations Sustainable Development Goals.** *Journal of the American College of Radiology*
  Mollura, D. J., Soroosh, G., Culp, M. P.
  2017; 14 (6): 841-847
- **Successful Implementation of a PACS in Tanzania.** *Journal of the American College of Radiology*
  Song, J. W., Mango, M. C., Museru, L. M., Kesselman, A., Foryoung, K., Kiloloma, O., Goodman, T. R., Minja, F. J.
  2017
- **Catheter-Directed Therapy for Acute Submassive Pulmonary Embolism: Summary of Current Evidence and Protocols.** *Catheter-Directed Therapy for Acute Submassive Pulmonary Embolism: Summary of Current Evidence and Protocols.*

Kesselman, A., Kuo, W. T.
2017; 20 (3): 193-196

- **2015 RAD-AID Conference on International Radiology for Developing Countries: The Evolving Global Radiology Landscape** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  Kesselman, A., Soroosh, G., Mollura, D. J.
  2016; 13 (9): 1139-1144

- **Impact of Music in Reducing Patient Anxiety During Pediatric Ultrasound.** *Pediatric reports*
  Kesselman, A., Bergen, M., Stefanov, D., Goldfisher, R., Amodio, J.
  2016; 8 (1): 6349-?

- **A Glance at Gender-Specific Preferences Influencing Interventional Radiology Selection** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  Perez, Y. V., Kesselman, A., Abbey-Mensah, G., Walsh, J.
  2016; 27 (1): 142-143

- **2014 RAD-AID Conference on International Radiology for Developing Countries: The Road Ahead for Global Health Radiology** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  Culp, M., Mollura, D. J., Mazal, J.
  2015; 12 (5): 475-480

- **Fracture of corpora cavernosa with massive cavernosalvenous shunts** *INTERNATIONAL BRAZ J UROL*
  Lang, E. K., Zinn, H., Abbey-Mensah, G., Kesselman, A., Bergen, M.
  2014; 40 (2): 277-278