

Stanford



Marc L. Melcher

Professor of Surgery (Abdominal Transplantation)

Surgery - Abdominal Transplantation

CLINICAL OFFICE (PRIMARY)

- **Multi Organ Transplant**

300 Pasteur Dr Rm A160

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Terri Krause - Sr. Scheduling Associate

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Bio

BIO

I am committed to figuring out how more people can benefit from liver and kidney transplants. Patients are dying while waiting for these organs. Therefore, my clinical and research efforts are focused on increasing the number of patients whose lives can be saved with transplantation.

CLINICAL FOCUS

- Liver Transplantation
- Kidney Transplantation
- Hepatobiliary
- General Surgery

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Surgery - Abdominal Transplantation

ADMINISTRATIVE APPOINTMENTS

- Division Chief, Stanford Abdominal Transplant Surgery, (2023- present)
- Program Director, Stanford Abdominal Transplant Surgery Fellowship, (2019- present)
- Program Director, Stanford Surgery Residency, (2011-2019)
- Associate Program Director, Stanford Multi-Organ Transplant Fellowship, (2010-2019)
- Associate Program Director, Stanford Surgery Residency, (2006-2011)
- Administrative Chief Resident, Stanford Surgery Residency, (2003-2004)

HONORS AND AWARDS

- President, San Francisco Surgical Society (2019-20)
- John Austin Collins, Award for "academic mentorship, teaching, and dedication to resident training.", Stanford Surgery (2019)
- Stanford Medicine Program Director GME Award, Stanford Graduate Medical Education (2019)

- Vice-President, San Francisco Surgical Society (2016-17)
- Member, Society of University Surgeons (2015 -)
- Surgery Chiefs Award for leadership, mentorship, and dedication., Stanford Surgery (2013)
- Member, Pacific Coast Surgical Society (2012 -)
- Program Director, San Francisco Surgical Society (2010-11)
- Poster of Distinction, American Transplant Congress (2010)
- Member, San Francisco Surgical Society (2009-)
- Fellow, American College of Surgeons (2009 -)
- Member, Transplantation Society (2009 -)
- Member, Association for Academic Surgery (2007-)
- Member, American Society of Transplant Surgeons (2004-)
- Alpha Omega Alpha, Columbia Medical School (1999)
- Harvard College Scholarship, Harvard College (1988)
- Thomas J. Watson Scholarship, Harvard College (1985-1989)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Co-Chair, Business Practice Committee, American Society of Transplant Surgeons (2022 - present)
- Council Member, Transplant Accreditation & Certification Council (2022 - present)
- President, San Francisco Surgical Society (2019 - 2020)
- Chair, Curriculum Committee, American Society of Transplant Surgery (2016 - 2019)
- Board Member, National Kidney Registry (2015 - 2018)

PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of General Surgery (2004) CA
- Fellowship: University of California San Francisco (2006) CA
- Medical Education: Columbia University College of Physicians and Surgeons (1999) NY
- Board Certification: General Surgery, American Board of Surgery (2006)
- Fellowship, UC, San Francisco , Multi-organ Transplantation (2006)
- MD, Columbia University, P&S , Medicine (1999)
- PhD, Univ. of California, Berkeley , Molecular Biology (1995)
- BA, Harvard University , Biochemistry (1989)

COMMUNITY AND INTERNATIONAL WORK

- International Medicine, Guatemala

PATENTS

- Marc Melcher. "United States Patent 17075535 Quantification of Liver Steatosis from a biopsy using a Computer Imaging Platform", The Board of Trustees of the Leland Stanford Junior University, Apr 29, 2021

LINKS

- The Melcher Lab: <https://melcherlab.stanford.edu>
- Apps for Transplant Physicians: <http://transplanttools.com>
- Twitter Stream: <https://twitter.com/marcmelchermd>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Broadly, I enjoy applying rigorous algorithms to the complex decision making processes in organ transplantation.

For example, I have studied ways to increase the impact of paired exchange kidney transplantation and ensure as many people as possible can benefit from it.

Currently, I am studying ways artificial intelligence can facilitate decision making in organ transplantation. There is potential to improve the assessment of donor organs, mortality risk, and outcomes prediction using innovations in AI.

CLINICAL TRIALS

- Inducing Graft Tolerance in HLA Haplotype Matched Related and 3 Ag Matched Unrelated Living Donor Kidney Transplantation, Recruiting
- Combined Blood Stem Cell and Kidney Transplant of One Haplotype Match Living Donor Pairs., Not Recruiting
- Comparative Renal Function of Young (18-45 Years) and Ageing (55 Years and Above) Kidney Donors, Not Recruiting
- Emollient Therapy for Severe Acute Malnutrition, Not Recruiting

PROJECTS

- AI facilitated assessment of donor liver histopathology - Stanford University

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Nathaniel Porter

Publications

PUBLICATIONS

- **Continuous Risk Score Predicts Waitlist & Post-Transplant Outcomes in Hepatocellular Carcinoma Despite Exception Changes.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Akabane, M., McVey, J. C., Firl, D. J., Kwong, A. J., Melcher, M. L., Kim, W. R., Sasaki, K.
2024
- **ChatGPT versus Bing: Clinicians Assessment of the Accuracy of AI Platforms in Responding to COPD Questions.** *The European respiratory journal*
Imtiaz, A., King, J., Holmes, S., Gupta, A., Bafadhel, M., Melcher, M. L., Hurst, J. R., Farewell, D., Bolton, C. E., Duckers, J.
2024
- **Transplant surgeons already account for inaccuracies in the Kidney Donor Profile Index (KDPI) calculation.** *Clinical transplantation*
Guan, G., Ashlagi, I., Melcher, M. L.
2024; 38 (5): e15323
- **Where is the perfect triangle in the liver allocation system?** *The lancet. Healthy longevity*
Sasaki, K., Melcher, M. L.
2024; 5 (5): e310-e311
- **Enhancing the Usability of older DCD donors through strategic approaches in liver transplantation in the US.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Akabane, M., Melcher, M. L., Esquivel, C. O., Imaoka, Y., Kim, W. R., Sasaki, K.
2024

- **The Current Status of Organ Recovery Surgeon Remuneration in the United States** *CURRENT TRANSPLANTATION REPORTS*
Marvin, M. R., Kadri, H., Wellen, J. R., Melcher, M. L.
2024
- **Impact of donor characteristics on hepatocellular carcinoma recurrence after liver transplantation.** *The British journal of surgery*
Akabane, M., Bekki, Y., Imaoka, Y., Inaba, Y., Esquivel, C. O., Melcher, M. L., Kwong, A., Sasaki, K.
2024; 111 (4)
- **LightGBM outperforms other machine learning techniques in predicting graft failure after liver transplantation: Creation of a predictive model through large-scale analysis.** *Clinical transplantation*
Yanagawa, R., Iwadoh, K., Akabane, M., Imaoka, Y., Bozhilov, K. K., Melcher, M. L., Sasaki, M.
2024; 38 (4): e15316
- **Overexpression of Senescence-Associated Genes, SFN and CDC6, Correlates with Poor Survival in Patients with Stage II Hepatocellular Carcinoma (HCC)**
Badshah, J., Subramanian, S., Melcher, M., Sasaki, K., Visser, B., Delitto, D., Pruett, T., Niedernhofer, L., Kirchner, V.
ELSEVIER SCIENCE INC.2024: S64
- **Breaking distance barriers in liver transplantation: Risk factors and outcomes of long-distance liver grafts.** *Surgery*
Imaoka, Y., Bozhilov, K. K., Bekki, Y., Akabane, M., Kwong, A. J., Ohira, M., Ohdan, H., Esquivel, C. O., Melcher, M. L., Sasaki, K.
2023
- **Alcohol Use in Liver Transplant Recipients With Alcohol-related Liver Disease: A Comparative Assessment of Relapse Prediction Models.** *Transplantation*
Sedki, M., Kwong, A., Bhargava, M., Ahmed, A., Daugherty, T., Kwo, P., Dronamraju, D., Kumari, R., Kim, W. R., Esquivel, C., Melcher, M., Bonham, C. A., Gallo, et al
2023
- **The short and long-term prognostic influences of liver grafts with high bilirubin levels at the time of organ recovery.** *Clinical transplantation*
Akabane, M., Bekki, Y., Imaoka, Y., Inaba, Y., Kwong, A. J., Esquivel, C. O., Melcher, M. L., Sasaki, K.
2023: e15155
- **Reply: ChatGPT and unknown clinical questions about liver transplantation.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Akabane, M., Iwadoh, K., Melcher, M. L., Sasaki, K.
2023
- **Has the risk of liver re-transplantation improved over the two decades?** *Clinical transplantation*
Akabane, M., Bekki, Y., Imaoka, Y., Inaba, Y., Esquivel, C. O., Kwong, A., Melcher, M. L., Sasaki, K.
2023: e15127
- **Characterizing the risk of HLA-incompatible living donor kidney transplantation in older recipients.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
Long, J. J., Motter, J. D., Jackson, K. R., Chen, J., Orandi, B. J., Montgomery, R. A., Stegall, M. D., Jordan, S. C., Benedetti, E., Dunn, T. B., Ratner, L. E., Kapur, S., Pelletier, et al
2023
- **Publisher Accreditation Fails to Reflect Higher Content Quality in Liver Transplant YouTube Videos.** *The Journal of surgical research*
Kadri, H., Muhammad, H. A., Narayan, R. R., Melcher, M. L.
2023; 293: 95-101
- **Defining tumor-associated macrophages subpopulation in intrahepatic cholangiocarcinoma as prognostic and therapeutic targets**
Badshah, J., Aliwaisi, A., Subramanian, S., Hong, S., Teavir, W., Sasaki, K., Melcher, M., Bonham, C., Pham, T., Gallo, A., Esquivel, C., Busque, S., Reitsma, et al
LIPPINCOTT WILLIAMS & WILKINS.2023: 122-123
- **Overcoming the hurdles of steatotic grafts in liver transplantation: insights into survival and prognostic factors.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Akabane, M., Imaoka, Y., Esquivel, C. O., Melcher, M. L., Kwong, A., Sasaki, K.
2023
- **Exploring the potential of ChatGPT in generating unknown clinical questions about liver transplantation: a feasibility study.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*

- Akabane, M., Iwadoh, K., Melcher, M. L., Sasaki, K.
2023
- **Decreased Utilization Rate of Grafts for Liver Transplantation After Implementation of Acuity Circle-based Allocation.** *Transplantation*
Bekki, Y., Myers, B., Tomiyama, K., Imaoka, Y., Akabane, M., Kwong, A. J., Melcher, M. L., Sasaki, K.
2023
 - **Debating the indication: re-transplant for patients whose initial transplant indication was hepatocellular carcinoma.** *HPB : the official journal of the International Hepato Pancreato Biliary Association*
Akabane, M., Melcher, M. L., Sasaki, K.
2023
 - **Are Transplant Centers Where We Need Them? A Geospatial Analysis of Supply and Demand**
Handley, T. J., Russell, E., Kadri, H., Melcher, M. L.
ELSEVIER SCIENCE INC.2023: S676
 - **Redefining Warm Ischemia: Time to Focus on Temperature**
Hansen, K. S., Porter, N. J., Freise, J., Roll, G., Gardner, J. M., Melcher, M. L.
ELSEVIER SCIENCE INC.2023: S1130
 - **Should We Hesitate to Do Re-Transplants for Hepatocellular Carcinoma Patients with High Malignancy in Explant Pathology After Initial Transplants**
Akateh, C., Kirchner, V., Melcher, M. L., Gallo, A., Bonham, C., Sasaki, K.
ELSEVIER SCIENCE INC.2023: S727-S728
 - **Development and validation of a REcurrent Liver cAncer Prediction ScorE (RELAPSE) following liver transplantation in patients with hepatocellular carcinoma: analysis of the us multicenter hcc transplant consortium.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Tran, B. V., Moris, D., Markovic, D., Zaribafzadeh, H., Henao, R., Lai, Q., Florman, S. S., Tabrizian, P., Haydel, B., Ruiz, R. M., Klintmalm, G. B., Lee, D. D., Taner, et al
2023
 - **Evaluating the outcomes of donor-recipient age differences in young adults undergoing liver transplantation.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Snyder, A., Kojima, L., Imaoka, Y., Akabane, M., Kwong, A., Melcher, M. L., Sasaki, K.
2023
 - **ASO Visual Abstract: The Current State of Liver Transplantation for Colorectal Liver Metastases in the United States: A Call for Standardized Reporting.** *Annals of surgical oncology*
Sasaki, K., Ruffolo, L. I., Kim, M. H., Fujiki, M., Hashimoto, K., Imaoka, Y., Melcher, M. L., Aucejo, F. N., Tomiyama, K., Hernandez-Alejandro, R.
2023
 - **The impact of geographic location vs center practice on center volume in liver transplantation after acuity circle policy.** *Clinical transplantation*
Bekki, Y., Myers, B., Tomiyama, K., Melcher, M. L., Sasaki, K.
2023: e14932
 - **The Current State of Liver Transplantation for Colorectal Liver Metastases in the United States: A Call for Standardized Reporting.** *Annals of surgical oncology*
Sasaki, K., Ruffolo, L. I., Kim, M. H., Fujiki, M., Hashimoto, K., Imaoka, Y., Melcher, M. L., Aucejo, F. N., Tomiyama, K., Hernandez-Alejandro, R.
2023
 - **ASO Author Reflections: At the Crossroad-Liver Transplantation for Unresectable Colorectal Liver Metastases in the United States.** *Annals of surgical oncology*
Bozhilov, K., Melcher, M. L., Hernandez-Alejandro, R., Sasaki, K.
2023
 - **Why are we not optimising healthcare? BMJ LEADER**
Handley, T., Denning, M., Melcher, M. L.
2023
 - **Why are we not optimising healthcare? BMJ leader**
Handley, T., Denning, M., Melcher, M. L.

2023

- **Outcomes in liver transplant recipients with nonalcoholic fatty liver disease-related HCC: results from the US multicenter HCC transplant consortium.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Verna, E. C., Phipps, M. M., Halazun, K. J., Markovic, D., Florman, S. S., Haydel, B. M., Ruiz, R., Klintmalm, G., Lee, D. D., Taner, B., Hoteit, M. A., Tevar, A. D., Humar, et al
2023; 29 (1): 34-47
- **IDENTIFYING NOVEL GENE TARGETS FOR DIAGNOSIS AND TREATMENT OF HCC IN ASIAN AND CAUCASIAN POPULATIONS BASED ON WHOLE GENOME SEQUENCING**
Hong, S., Badshah, J., Aliwaisi, A., Sasaki, K., Pruett, T., Melcher, M., Bonham, C., Gallo, A., Martinez, O., Krams, S., Pham, K., Busque, S., Reitsma, et al
ELSEVIER SCIENCE INC.2023: S28
- **Despite Increasing Costs, Perfusion Machines Expand the Donor Pool of Livers and Could Save Lives.** *The Journal of surgical research*
Handley, T. J., Arnow, K. D., Melcher, M. L.
2022; 283: 42-51
- **Reevaluating Liver Donor Risk in the Era of Improved Hepatitis C Virus Treatment.** *JAMA surgery*
Handley, T. J., Arnow, K., Sasaki, K., Kwong, A., Melcher, M. L.
2022
- **MELD 3.0 AS A PREDICTOR OF POST-TRANSPLANT OUTCOMES IN THE COVID ERA**
Chung, N., Wu, W., Kwong, A. J., Charu, V., Mannalithara, A., Melcher, M., Kim, W.
WILEY.2022: S77-S78
- **CALIBRATION OF WAITLIST SURVIVAL PREDICTION BY MELD 3.0 IN THE PANDEMIC ERA**
Wu, W., Chung, N., Vidovszky, A., Mannalithara, A., Melcher, M., Charu, V., Kwong, A. J., Kim, W.
WILEY.2022: S76-S77
- **Has the Risk of Liver Re-Transplantation Improved Over the Two Decades? A UNOS Data Analysis**
Kim, M. H., Melcher, M. L., Kirchner, V. A., Gallo, A. E., Bonham, C. A., Esquivel, C., Sasaki, K.
LIPPINCOTT WILLIAMS & WILKINS.2022: S294
- **Impact of Donor Liver Macrovesicular Steatosis on Deceased Donor Yield and Posttransplant Outcome.** *Transplantation*
Kwong, A. J., Kim, W. R., Lake, J., Stock, P. G., Wang, C. J., Wetmore, J. B., Melcher, M. L., Wey, A., Salkowski, N., Snyder, J. J., Israni, A. K.
2022
- **Impact of the donor hepatectomy time on short-term outcomes in liver transplantation using donation after circulatory death: A review of the US national registry.** *Clinical transplantation*
Bekki, Y., Kozato, A., Kusakabe, J., Tajima, T., Fujiki, M., Gallo, A., Melcher, M. L., Bonham, C. A., Sasaki, K.
2022: e14778
- **Allocation Based on Acuity Circles: Effects on Pediatric Liver Allocation.**
Kim, M., Kim, M. H., Gallo, A., Pham, T., Melcher, M. L., Busque, S., Esquivel, C., Bonham, C.
WILEY.2022: 475-476
- **Surgical Outcomes of Limited Sobriety versus Standard Sobriety Liver Transplantation for Alcohol-Associated Liver Disease.**
Fu, S., Pan, J. H., Goel, A., Kwong, A. J., Melcher, M. L.
WILEY.2022: 723
- **Development of a Portable Device to Quantify Hepatic Steatosis in Donated Livers Using an AI Algorithm.**
Klinkachorn, S., Tsoi-A-Sue, C. J., Narayan, R. R., Melcher, M. L.
WILEY.2022: 474-475
- **Anti-HLA Antibodies Do Not Increase in Kidney Transplant Recipients During COVID-19 Infection.**
Girmita, A., Wang, L., Ahearn, P., Colovai, A., Fernandez-Vina, M., Woodle, E., Yalamarti, T., Menon, M., Azzi, Y., Melcher, M., Bray, R., Gebel, H., Cravedi, et al
WILEY.2022: 709
- **Allocation Based on Acuity Circles Decreases Waiting Time for Liver Transplant Patients.**

- Kim, M. H., Sasaki, K., Gallo, A., Pham, T., Melcher, M. L., Busque, S., Esquivel, C., Bonham, C.
WILEY.2022: 829-830
- **Machine Learning Can Predict Recurrence Patterns After Liver Transplantation in Hepatocellular Carcinoma Patients: Analysis from the US Multicenter HCC Transplant Consortium**
Narayan, R. R., Safarnejad, L., Tran, B., Nguyen, M., Ross, E., Agopian, V., Melcher, M.
SPRINGER.2022: 348-349
 - **Explaining a Potential Interview Match for Graduate Medical Education.** *Journal of graduate medical education*
Wapnir, I., Ashlagi, I., Roth, A. E., Skancke, E., Vohra, A., Lo, I., Melcher, M. L.
1800; 13 (6): 764-767
 - **CALL FOR AN INTERNATIONAL STUDY TO IDENTIFY TRAJECTORIES TO EARLY ALLOGRAFT FAILURE AND ASSESS HOW EARLY RETRANSPLANT MAY IMPACT ON PATIENT SURVIVAL**
Avolio, A. W., Moschetta, G., Contegiacomo, A., Romagnoli, R., Muiesan, P., Lai, Q., Melcher, M. L., Burra, P., Agnes, S., Cillo, U.
WILEY.2021: 315
 - **Availability of a Web and Smartphone Application to Stratify the Risk of of Early Allograft Failure Requiring Liver Retransplantation.** *Hepatology communications*
Avolio, A. W., Contegiacomo, A., Agnes, S., Marrone, G., Moschetta, G., Miele, L., Melcher, M. L.
2021
 - **Quantification of Multiple Isotypes of Anti-SARS-CoV-2 Antibodies in Kidney Transplant Recipients**
Maltzman, J. S., Wang, L., Ahearn, P., Yalamarti, T., Menon, M., Azzi, Y., Melcher, M., Fernandez-Vina, M., Bray, R., Gebel, H., Woodle, E., Akalin, E., Girnita, et al
WILEY.2021: 863
 - **Donor-specific Anti-HLA Alloantibody in Kidney Transplant Recipients with COVID-19 Exhibit a Different Immunoglobulin Class and Subclass Profile When Compared to Anti-SARS-CoV-2 Antibodies**
Girnita, A., Wang, L., Fernandez-Vina, M., Woodle, E., Ahearn, P., Yalamarti, T., Menon, M., Azzi, Y., Melcher, M., Bray, R., Gebel, H., Akalin, E., Cravedi, et al
WILEY.2021: 863
 - **Predictors of Outcomes of Patients Referred to a Transplant Center for Urgent Liver Transplantation Evaluation.** *Hepatology communications*
Alshuwaykh, O., Kwong, A., Goel, A., Cheung, A., Dhanasekaran, R., Ahmed, A., Daugherty, T., Dronamraju, D., Kumari, R., Kim, W. R., Nguyen, M. H., Esquivel, C. O., Concepcion, et al
2021; 5 (3): 516-525
 - **Artificial Intelligence for Prediction of Donor Liver Allograft Steatosis and Early Post-Transplantation Graft Failure**
Narayan, R., Abadilla, N., Yang, L., Chen, S., Higgins, J., Melcher, M.
WILEY.2021: 16-17
 - **"Toward a novel evidence-based definition of early allograft failure in the perspective of liver retransplant".** *Transplant international : official journal of the European Society for Organ Transplantation*
Avolio, A. W., Contegiacomo, A., Spoletini, G., Moschetta, G., Bianco, G., Agnes, S., Melcher, M. L., Burra, P.
2021
 - **Artificial intelligence for prediction of donor liver allograft steatosis and early post-transplantation graft failure.** *HPB : the official journal of the International Hepato Pancreato Biliary Association*
Narayan, R. R., Abadilla, N., Yang, L., Chen, S. B., Klinkachorn, M., Eddington, H. S., Trickey, A. W., Higgins, J. P., Melcher, M. L.
2021
 - **Pathologic Response to Pretransplant Locoregional Therapy is Predictive of Patient Outcome After Liver Transplantation for Hepatocellular Carcinoma Analysis From the US Multicenter HCC Transplant Consortium** *ANNALS OF SURGERY*
DiNorcica, J., Florman, S. S., Haydel, B., Tabrizian, P., Ruiz, R. M., Klintmalm, G. B., Senguttuvan, S., Lee, D. D., Taner, C., Verna, E. C., Halazun, K. J., Hoteit, M., Levine, et al
2020; 271 (4): 616-24
 - **Artificial Intelligence May Detect Donor Liver Steatosis and Predict Early Post-Transplantation Graft Failure**
Narayan, R. R., Yang, L., Abadilla, N., Chen, S. B., Higgins, J. P., Melcher, M. L.
WILEY.2020: 257

- **Improving Liver Transplant (LT) Waitlist Attrition**
Concepcion, W., Ahmed, A., Tulu, Z., Hogan, L., Bonham, A., Gallo, A., Melcher, M., Kwo, P., Esquivel, C.
WILEY.2020: 284–85
- **Center-level Variation in HLA-incompatible Living Donor Kidney Transplantation Outcomes.** *Transplantation*
Jackson, K. R., Long, J., Motter, J., Bowring, M. G., Chen, J., Waldram, M. M., Orandi, B. J., Montgomery, R. A., Stegall, M. D., Jordan, S. C., Benedetti, E., Dunn, T. B., Ratner, et al
2020
- **Influence of Student Loan Debt on General Surgery Resident Career and Lifestyle Decision-Making**
Gray, K., Kaji, A. H., Wolfe, M., Calhoun, K., Amersi, F., Donahue, T., Smith, B. R., Salcedo, E. S., Murayama, K., de Virgilio, C., Neville, A., Arnell, T., Jarman, et al
ELSEVIER SCIENCE INC.2020: 173–81
- **Post-Transplant Outcomes in Older Patients with Hepatocellular Carcinoma (HCC) are Driven by non-HCC Factors.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
Adeniji, N. n., Arjunan, V. n., Prabhakar, V. n., Mannalithara, A. n., Ghaziani, T. n., Ahmed, A. n., Kwo, P. n., Nguyen, M. n., Melcher, M. L., Busuttill, R. W., Florman, S. S., Haydel, B. n., Ruiz, et al
2020
- **What Solid Organ Transplant Healthcare Providers should know about Renin-Angiotensin-Aldosterone System Inhibitors and COVID-19.** *Clinical transplantation*
Wong, S. Y., Brubaker, A. L., Wang, A. X., Taiwo, A. A., Melcher, M. L.
2020: e13991
- **Understanding Health Care Utilization and Mortality After Emergency General Surgery in Patients With Underlying Liver Disease.** *The American surgeon*
Tennakoon, L. n., Baiu, I. n., Concepcion, W. n., Melcher, M. L., Spain, D. A., Knowlton, L. M.
2020; 86 (6): 665–74
- **NuSeT: A deep learning tool for reliably separating and analyzing crowded cells** *PLoS Computational Biology*
Yang, L., et al
2020
- **Underrepresented Minorities in General Surgery Residency: Analysis of Interviewed Applicants, Residents, and Core Teaching Faculty.** *Journal of the American College of Surgeons*
Jarman, B. T., Borgert, A. J., Kallies, K. J., Joshi, A. R., Smink, D. S., Sarosi, G. A., Chang, L. n., Green, J. M., Greenberg, J. A., Melcher, M. L., Nfonsam, V. n., Whiting, J. n.
2020
- **Liver Transplantation Outcomes in a U.S. Multicenter Cohort of 789 Patients with Hepatocellular Carcinoma Presenting Beyond Milan Criteria.** *Hepatology (Baltimore, Md.)*
Kardashian, A. n., Florman, S. S., Haydel, B. n., Ruiz, R. M., Klintmalm, G. B., Lee, D. D., Taner, C. B., Aucejo, F. n., Tevar, A. D., Humar, A. n., Verna, E. C., Halazun, K. J., Chapman, et al
2020
- **Delayed Graft Function and Acute Rejection Following HLA-Incompatible Living Donor Kidney Transplantation.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
Motter, J. D., Jackson, K. R., Long, J. J., Waldram, M. M., Orandi, B. J., Montgomery, R. A., Stegall, M. D., Jordan, S. C., Benedetti, E. n., Dunn, T. B., Ratner, L. E., Kapur, S. n., Pelletier, et al
2020
- **The Role of Desensitization in Kidney Paired Donation** *CURRENT TRANSPLANTATION REPORTS*
Pham, T., Lee, L., Melcher, M. L.
2019; 6 (4): 294-299
- **THE ROLE OF LOCOREGIONAL THERAPY (LRT), POST LRT IMAGING, AND EXPLANT PATHOLOGY AS PREDICTORS OF HEPATOCELLULAR CARCINOMA (HCC) RECURRENCE POST ORTHOTOPIC LIVER TRANSPLANT (OLT)**
Prabhakar, V., Dhanasekaran, R., Arjunan, V., Tulu, Z., Ahmed, A., Daugherty, T., Kumari, R., Patel, B., Kim, W., Goel, A., Esquivel, C. O., Concepcion, W., Melcher, et al
WILEY.2019: 691A–692A

- **Quantification of Donor Liver Steatosis Using an Unsupervised Artificial Intelligence Platform**
Narayan, R., Abadilla, N., Yang, L., Hsu, C., Jensen, C., Chen, S. B., Higgins, J. P., Melcher, M. L.
ELSEVIER SCIENCE INC.2019: E151
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