

# Stanford


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## Marc L. Melcher

Associate Professor of Surgery (Abdominal Transplantation) at the Stanford University Medical Center

Surgery - Abdominal Transplantation

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Multi Organ Transplant**

300 Pasteur Dr Rm A160

Boswell Clinic

Palo Alto, CA 94304

**Tel** (650) 498-5688

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Terri Krause - Administrative Assistant

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## Bio

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### CLINICAL FOCUS

- General Surgery
- Liver Transplantation
- Kidney Transplantation
- Hepatobiliary

### ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Surgery - Abdominal Transplantation

### ADMINISTRATIVE APPOINTMENTS

- 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 (1988)
- Thomas J. Watson Scholarship, IBM (1985-1989)

### **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Board Member, National Kidney Registry (2015 - present)
- Chair, Curriculum Committee, American Society of Transplant Surgery (2016 - 2019)
- President, San Francisco Surgical Society (2019 - present)

### **PROFESSIONAL EDUCATION**

- Residency: Stanford University General Surgery Residency (2004) CA
- Fellowship: Univ 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

### **LINKS**

- Apps for Transplant Physicians: <http://transplanttools.com>

## **Research & Scholarship**

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### **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

- Combined Blood Stem Cell and Kidney Transplant of One Haplotype Match Living Donor Pairs., Recruiting
- Inducing Graft Tolerance in HLA Haplotype Matched Related and 3 Ag Matched Unrelated Living Donor Kidney Transplantation, 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

## Publications

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### PUBLICATIONS

- **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
- **Health Care Utilization and Mortality after Emergency General Surgery in Patients with Underlying Liver Disease: A National Perspective**  
Tennakoon, L., Concepcion, W., Melcher, M. L., Spain, D. A., Knowlton, L. M.  
ELSEVIER SCIENCE INC.2019: E139
- **Matching Kidneys with Priority in Kidney Exchange Programs.** *Medical decision making : an international journal of the Society for Medical Decision Making*  
Liu, W., Melcher, M. L.  
2019: 272989X19849457
- **Liver transplantation for hepatitis C virus (HCV) non-viremic recipients with HCV viremic donors** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Kwong, A. J., Wall, A., Melcher, M., Wang, U., Ahmed, A., Subramanian, A., Kwo, P. Y.  
2019; 19 (5): 1380–87
- **Benefits of an interview match for breast fellowship positions**  
Wapnir, I., Lo, I., Roth, A., Ashlagi, I., Melcher, M.  
SPRINGER.2019: 279–80
- **Using Liver Transplant (LT) Data And Analytics to Improve Program Clinical and Financial Performance.**  
Bonham, A., Tulu, Z., Concepcion, W., Gallo, A., Melcher, M., Kwo, P., Ahmed, A., Esquivel, C.  
WILEY.2019: 583–84
- **Increasing the Number of Liver Ttransplants through Active Review of Offers Turned Down.**  
Melcher, M. L., Bonham, C. A., Gallo, A., Concepcion, W., Jacobson, I., Esquivel, C. O.  
WILEY.2019: 995–96
- **Reducing the Burden of Fellowship Interviews Reply** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Melcher, M. L., Ashlagi, I., Wapnir, I.  
2019; 321 (11): 1107
- **Living Kidney Donation: Strategies to Increase the Donor Pool** *SURGICAL CLINICS OF NORTH AMERICA*  
Lee, L., Pham, T. A., Melcher, M. L.  
2019; 99 (1): 37–+
- **Living Kidney Donation: Strategies to Increase the Donor Pool.** *The Surgical clinics of North America*  
Lee, L., Pham, T. A., Melcher, M. L.

2019; 99 (1): 37–47

- **Underrepresented Minorities are Underrepresented Among General Surgery Applicants Selected to Interview.** *Journal of surgical education*  
Jarman, B. T., Kallies, K. J., Joshi, A. R., Smink, D. S., Sarosi, G. A., Chang, L., Green, J. M., Greenberg, J. A., Melcher, M. L., Nfonsam, V., Ramirez, L. D., Borgert, A. J., Whiting, et al  
2019
- **Career Goals, Salary Expectations, and Salary Negotiation Among Male and Female General Surgery Residents.** *JAMA surgery*  
Gray, K., Neville, A., Kaji, A. H., Wolfe, M., Calhoun, K., Amersi, F., Donahue, T., Arnell, T., Jarman, B., Inaba, K., Melcher, M., Morris, J. B., Smith, et al  
2019
- **Factors associated with general surgery residents' decisions regarding fellowship and subspecialty stratified by burnout and quality of life.** *American journal of surgery*  
McClintock, N. C., Gray, K. E., Neville, A. L., Kaji, A. H., Wolfe, M. M., Calhoun, K. E., Amersi, F. F., Donahue, T. R., Arnell, T. D., Jarman, B. T., Inaba, K., Melcher, M. L., Morris, et al  
2019
- **Predicting skin cancer in organ transplant recipients: Development of the SUNTRAC screening tool using data from a multi-center cohort study.** *Transplant international : official journal of the European Society for Organ Transplantation*  
Jambusaria-Pahlajani, A., Crow, L. D., Lowenstein, S., Garrett, G. L., Melcher, M. L., Chan, A. W., Boscardin, J., Arron, S. T.  
2019
- **Microvascular Free Flaps as the Vascularized Foundation for Hepatic Tissue Engineering**  
Than, P., Davis, C., Rustad, K., Mittermiller, P., Findlay, M., Liu, W., Whittam, A., Le, T., Khong, S., Ma, K., Melcher, M., Melcher, M., Gurtner, et al  
WILEY.2019: 21
- **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*  
DiNorcia, J., Florman, S. S., Haydel, B., Tabrizian, P., Ruiz, R. M., Klintmalm, G. B., Senguttuvan, S., Lee, D. D., Taner, C. B., Verna, E. C., Halazun, K. J., Hoteit, M., Levine, et al  
2019
- **Preparation for the Diversity of 21st Century Surgical Leadership Opportunities Demands Diverse Opportunities for "Professional Development"** *ANNALS OF SURGERY*  
Melcher, M. L., Greco, R. S., Krummel, T. M., Morris, A. M., Hawn, M. T.  
2018; 268 (6): E52–E53
- **Liver Transplantation for HCV Non-Viremic Recipients with HCV Viremic Donors.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Kwong, A. J., Wall, A., Melcher, M., Wang, U., Ahmed, A., Subramanian, A., Kwo, P. Y.  
2018
- **Matching for Fellowship Interviews** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Melcher, M. L., Ashlagi, I., Wapnir, I.  
2018; 320 (16): 1639–40
- **Pragmatic Surgical Risk Assessment Criteria in Critically Ill Patients Prior to Liver Transplantation.**  
Bonham, C., Tulu, Z., Melcher, M., Kwo, P., Concepcion, W., Ahmed, A., Esquivel, C.  
WILEY.2018: 849–50
- **Antiviral Therapy for Donor-Derived Hepatitis C Virus Infection after Solid Organ Transplantation.**  
Kwong, A., Wall, A., Melcher, M., Wang, U., Ahmed, A., Khush, K., Subramanian, A., Tan, J., Kwo, P.  
WILEY.2018: 464
- **Structured Reporting of Multiphasic CT for Hepatocellular Carcinoma: Effect on Staging and Suitability for Transplant.** *AJR. American journal of roentgenology*  
Poulios, P. D., Tseng, J. J., Melcher, M. L., Concepcion, W., Loening, A. M., Rosenberg, J., Willmann, J. K.  
2018: 1–9
- **Socioeconomic Status in Non-directed and Voucher-based Living Kidney Donation.** *European urology focus*  
Nassiri, N., Baskin, A. S., Herbert, L. K., Connor, S., Pham, T., Melcher, M. L., Sinacore, J., Veale, J. L.

2018; 4 (2): 185–89

- **Matching for Fellowship Interviews.** *JAMA*  
Melcher, M. L., Ashlagi, I., Wapnir, I.  
2018; 320 (16): 1639–40
- **A Multicenter Prospective Comparison of the Accreditation Council for Graduate Medical Education Milestones: Clinical Competency Committee vs. Resident Self-Assessment.** *Journal of surgical education*  
Watson, R. S., Borgert, A. J., O Heron, C. T., Kallies, K. J., Sidwell, R. A., Mellinger, J. D., Joshi, A. R., Galante, J. M., Chambers, L. W., Morris, J. B., Josloff, R. K., Melcher, M. L., Fuhrman, et al  
2017; 74 (6): e8–e14
- **Preparation for the Diversity of 21st Century Surgical Leadership Opportunities Demands Diverse Opportunities for "Professional Development".** *Annals of surgery*  
Melcher, M. L., Greco, R. S., Krummel, T. M., Morris, A. M., Hawn, M. T.  
2017
- **Recurrence-Free Survival in Liver Transplant Recipients with Non-Alcoholic Fatty Liver Disease-Related Hepatocellular Carcinoma: Results from the US Multicenter HCC Transplant Consortium**  
Verna, E. C., Abdelmessih, R. M., Florman, S. S., Haydel, B. M., Ruiz, R., Klintmalm, G., Lee, D. D., Taner, B., Hoteit, M. A., Halazun, K. J., Tevar, A. D., Humar, A., Chapman, et al  
WILEY.2017: 900A–901A
- **Evaluating the Impact of Blinded vs Non-Blinded Interviews on the General Surgery Resident Selection Process**  
Shipper, E. S., Forrester, J., Lau, J. N., Melcher, M. L.  
ELSEVIER SCIENCE INC.2017: S174–S175
- **Advanced Donation Programs and Deceased Donor Initiated Chains - 2 Innovations in Kidney Paired Donation.** *Transplantation*  
Wall, A. E., Veale, J. L., Melcher, M. L.  
2017
- **A multi-institution analysis of general surgery resident peer-reviewed publication trends** *JOURNAL OF SURGICAL RESEARCH*  
Forrester, J. D., Ansari, P., Are, C., Auyang, E., Galante, J. M., Jarman, B. T., Smith, B. R., Watkins, A. C., Melcher, M. L.  
2017; 210: 92-98
- **The incremental cost of Incompatible Living Donor Kidney Transplant: A National Cohort Analysis.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Axelrod, D., Lentine, K. L., Schnitzler, M. A., Luo, X., Xiao, H., Orandi, B. J., Massie, A., Garonzik-Wang, J., Stegall, M. D., Jordan, S. C., Oberholzer, J., Dunn, T. B., Ratner, et al  
2017
- **Pilot evaluation of the Computer-Based Assessment for Sampling Personal Characteristics test.** *The Journal of surgical research*  
Shipper, E. S., Mazer, L. M., Merrell, S. B., Lin, D. T., Lau, J. N., Melcher, M. L.  
2017; 215: 211–18
- **Association of General Surgery Resident Remediation and Program Director Attitudes With Resident Attrition.** *JAMA surgery*  
Schwed, A. C., Lee, S. L., Salcedo, E. S., Reeves, M. E., Inaba, K., Sidwell, R. A., Amersi, F., Are, C., Arnell, T. D., Damewood, R. B., Dent, D. L., Donahue, T., Gauvin, et al  
2017
- **Impact of Pretransplant Bridging Locoregional Therapy for Patients With Hepatocellular Carcinoma Within Milan Criteria Undergoing Liver Transplantation: Analysis of 3601 Patients from the US Multicenter HCC Transplant Consortium.** *Annals of surgery*  
Agopian, V. G., Harlander-Locke, M. P., Ruiz, R. M., Klintmalm, G. B., Senguttuvan, S., Florman, S. S., Haydel, B., Hoteit, M., Levine, M. H., Lee, D. D., Taner, C. B., Verna, E. C., Halazun, et al  
2017
- **Hospital readmissions following HLA-incompatible live donor kidney transplantation: A multi-center study.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Orandi, B. J., Luo, X., King, E. A., Garonzik-Wang, J. M., Bae, S., Montgomery, R. A., Stegall, M. D., Jordan, S. C., Oberholzer, J., Dunn, T. B., Ratner, L. E., Kapur, S., Pelletier, et al  
2017

- **Effect of match-run frequencies on the number of transplants and waiting times in kidney exchange.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Ashlagi, I., Bingaman, A., Burq, M., Manshadi, V., Gamarnik, D., Murphey, C., Roth, A. E., Melcher, M. L., Rees, M. A.  
2017
- **Shipping Living Donor Kidneys and Transplant Recipient Outcomes.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Treat, E., Chow, E. K., Peipert, J. D., Waterman, A., Kwan, L., Massie, A. B., Thomas, A. G., Bowring, M. G., Leeser, D., Flechner, S., Melcher, M. L., Kapur, S., Segev, et al  
2017
- **Kidney paired exchange and desensitization: Strategies to transplant the difficult to match kidney patients with living donors** *TRANSPLANTATION REVIEWS*  
Pham, T. A., Lee, J. I., Melcher, M. L.  
2017; 31 (1): 29-34
- **HLA Matching Trumps Donor Age: Donor-Recipient Pairing Characteristics That Impact Long-Term Success in Living Donor Kidney Transplantation in the Era of Paired Kidney Exchange.** *Transplantation direct*  
Milner, J., Melcher, M. L., Lee, B., Veale, J., Ronin, M., D'Alessandro, T., Hil, G., Fry, P. C., Shannon, P. W.  
2016; 2 (7)
- **NEAD Chains Do Not Disadvantage Blood Type O, Black, or Highly Sensitized Patients**  
Rees, M., Roberts, J., Lentine, K., Roth, A., Leichtman, A., Xiao, H., Rafizadeh, S., Neidich, E., Melcher, M.  
WILEY-BLACKWELL.2016: 440
- **Utilization of Deceased Donor Kidneys to Initiate Living Donor Chains** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Melcher, M. L., Roberts, J. P., Leichtman, A. B., Roth, A. E., Rees, M. A.  
2016; 16 (5): 1367-1370
- **Prehabilitation in our most frail surgical patients: are wearable fitness devices the next frontier?** *Current opinion in organ transplantation*  
Rumer, K. K., Saraswathula, A., Melcher, M. L.  
2016; 21 (2): 188-193
- **Survival Benefit with Kidney Transplants from HLA-Incompatible Live Donors** *NEW ENGLAND JOURNAL OF MEDICINE*  
Orandi, B. J., Luo, X., Massie, A. B., Garonzik-Wang, J. M., Lonze, B. E., Ahmed, R., Van Arendonk, K. J., Stegall, M. D., Jordan, S. C., Oberholzer, J., Dunn, T. B., Ratner, L. E., Kapur, et al  
2016; 374 (10): 940-950
- **We Need to Take the Next Step.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Melcher, M. L., Roberts, J. P., Leichtman, A. B., Roth, A. E., Rees, M. A.  
2016
- **Saving Supersick Patients Undergoing Liver Transplant.** *JAMA surgery*  
Melcher, M. L.  
2015; 150 (11): 1073-?
- **Program Factors That Influence American Board of Surgery In-Training Examination Performance: A Multi-Institutional Study.** *Journal of surgical education*  
Kim, J. J., Gifford, E. D., Moazzez, A., Sidwell, R. A., Reeves, M. E., Hartranft, T. H., Inaba, K., Jarman, B. T., Are, C., Galante, J. M., Amersi, F., Smith, B. R., Melcher, et al  
2015; 72 (6): e236-42
- **Reading Habits of General Surgery Residents and Association With American Board of Surgery In-Training Examination Performance** *JAMA SURGERY*  
Kim, J. J., Kim, D. Y., Kaji, A. H., Gifford, E. D., Reid, C., Sidwell, R. A., Reeves, M. E., Hartranft, T. H., Inaba, K., Jarman, B. T., Are, C., Galante, J. M., Amersi, et al  
2015; 150 (9): 882-889
- **Identifying Opportunities to Increase the Throughput of Kidney Paired Donation.** *Transplantation*  
Liu, W., Treat, E., Veale, J. L., Milner, J., Melcher, M. L.  
2015; 99 (7): 1410-1415

- **Inside Out Autologous Neo-Liver Fabrication**  
Than, P., Davis, C., Findlay, M., Liu, W., Le, T., Khong, S., Melcher, M., Gurtner, G.  
WILEY-BLACKWELL.2015
- **Paired Match Power and Challenges for O-Patients in Kidney Paired Donation**  
Liu, W., Melcher, M.  
WILEY-BLACKWELL.2015
- **Recurrent Hepatocellular Carcinoma and Poorer Overall Survival in Patients Undergoing Left-sided Compared With Right-sided Partial Hepatectomy.** *Journal of clinical gastroenterology*  
Valenzuela, A., Ha, N. B., Gallo, A., Bonham, C., Ahmed, A., Melcher, M., Kim, L. H., Esquivel, C., Concepcion, W., Ayoub, W. S., Lutchman, G. A., Daugherty, T., Nguyen, et al  
2015; 49 (2): 158-164
- **Is Informed Consent Enough?** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*  
Liu, W., Krawiec, K. D., Melcher, M. L.  
2015
- **Reading Habits of General Surgery Residents and Association With American Board of Surgery In-Training Examination Performance.** *JAMA surgery*  
Kim, J. J., Kim, D. Y., Kaji, A. H., Gifford, E. D., Reid, C., Sidwell, R. A., Reeves, M. E., Hartranft, T. H., Inaba, K., Jarman, B. T., Are, C., Galante, J. M., Amersi, et al  
2015; 150 (9): 882-89
- **Demographic and Clinical Characteristics of 207 Non-Directed Donors Participating in Paired Exchange Through the National Kidney Registry**  
Pham, T., Waterman, A., Veale, J., Melcher, M.  
WILEY-BLACKWELL.2015: 79
- **Factors Associated With General Surgery Residents' Desire to Leave Residency Programs A Multi-institutional Study** *JAMA SURGERY*  
Gifford, E., Galante, J., Kaji, A. H., Nguyen, V., Nelson, M. T., Sidwell, R. A., Hartranft, T., Jarman, B., Melcher, M., Reeves, M., Reid, C., Jacobsen, G. R., Thompson, et al  
2014; 149 (9): 948-953
- **Resolution of Acute Kidney Injury After Liver Transplantation: A Single Center Experience.**  
Todo, T., Gallo, A., Berumen, J., Feinberg, E., Melcher, M., Bonham, C., Busque, S., Concepcion, W., Esquivel, C.  
LIPPINCOTT WILLIAMS & WILKINS.2014: 759
- **Utility, Equality, and the Tradeoff Between Quality of Graft and Waiting Time in KPD**  
Liu, W., Melcher, M.  
LIPPINCOTT WILLIAMS & WILKINS.2014: 125
- **Early Excellent Outcomes of Flow Cross-Match Negative Kidney Transplant Recipients With Pre-Formed IgG DSA, C1q Negative With or Without Peri-Operative IVIg Infusion.**  
Busque, S., Yabu, J., Melcher, M., Gallo, A., Kong, S., Makki, T., Burke-Barber, K., Scandling, J., Tyan, D.  
LIPPINCOTT WILLIAMS & WILKINS.2014: 512
- **Center-Defined Unacceptable HLA Antigens Facilitate Transplants for Sensitized Patients in a Multi-Center Kidney Exchange Program** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Baxter-Lowe, L. A., Cecka, M., Kamoun, M., Sinacore, J., Melcher, M. L.  
2014; 14 (7): 1592-1598
- **Quantifying the Risk of Incompatible Kidney Transplantation: A Multicenter Study** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Orandi, B. J., Garonzik-Wang, J. M., Massie, A. B., Zachary, A. A., Montgomery, J. R., Van Arendonk, K. J., Stegall, M. D., Jordan, S. C., Oberholzer, J., Dunn, T. B., Ratner, L. E., Kapur, S., Pelletier, et al  
2014; 14 (7): 1573-1580
- **PREDICT: Instituting an Educational Time Out in the Operating Room.** *Journal of graduate medical education*  
Yang, R. L., Esquivel, M., Erdrich, J., Lau, J., Melcher, M. L., Wapnir, I. L.  
2014; 6 (2): 382-383
- **Utility, Equality, and the Tradeoff Between Quality of Graft and Waiting Time in KPD**

- Liu, W., Melcher, M.  
WILEY-BLACKWELL.2014: 125
- **Early Excellent Outcomes of Flow Cross-Match Negative Kidney Transplant Recipients With Pre-Formed IgG DSA, C1q Negative With or Without Peri-Operative IVIg Infusion**  
Busque, S., Yabu, J., Melcher, M., Gallo, A., Kong, S., Makki, T., Burke-Barber, K., Scandling, J., Tyan, D.  
WILEY-BLACKWELL.2014: 512
  - **Resolution of Acute Kidney Injury After Liver Transplantation: A Single Center Experience.**  
Todo, T., Gallo, A., Berumen, J., Feinberg, E., Melcher, M., Bonham, C., Busque, S., Concepcion, W., Esquivel, C.  
WILEY-BLACKWELL.2014: 759
  - **Primary surgical resection versus liver transplantation for transplant-eligible hepatocellular carcinoma patients.** *Digestive diseases and sciences*  
Wong, R. J., Wantuck, J., Valenzuela, A., Ahmed, A., Bonham, C., Gallo, A., Melcher, M. L., Lutchman, G., Concepcion, W., Esquivel, C., Garcia, G., Daugherty, T., Nguyen, et al  
2014; 59 (1): 183-191
  - **Quantifying the Risk of Incompatible Kidney Transplantation: A Multi-Center Study**  
Orandi, B., Garonzik-Wang, J., Montgomery, J., Massie, A., Van Arendonk, K., Stegall, M., Jordan, S., Oberholzer, J., Dunn, T., Ratner, L., Kapur, S., Pelletier, R., Roberts, et al  
WILEY-BLACKWELL.2014: 67
  - **Measuring Utility and Fairness in Kidney Paired Donation (KPD)**  
Liu, W., Milner, J., Veale, J., Melcher, M.  
WILEY-BLACKWELL.2014: 79
  - **Resolution of Acute Kidney Injury after Liver Transplantation: Single Center Experience**  
Todo, T., Gallo, A., Beruman, J., Feinberg, E., Melcher, M., Bonham, C., Busque, S., Concepcion, W., Esquivel, C.  
WILEY-BLACKWELL.2014: 101
  - **HIGH MELD VERSUS HIGH DONOR AGE: LESSONS LEARNED COMPARING THE AMERICAN AND THE ITALIAN LIVER TRANSPLANT EXPERIENCES**  
Avolio, A. W., Cillo, U., Agnes, S., Lirosi, M. C., Perkins, J., Romagnoli, R., Cucchetti, A., Humar, A., Spada, M., Melcher, M. L., Caccamo, L., Santaniello, W., Baccarani, et al  
WILEY-BLACKWELL.2013: 31
  - **Effect of the 16-Hour Work Limit on General Surgery Intern Operative Case Volume A Multi-institutional Study** *JAMA SURGERY*  
Schwartz, S. I., Galante, J., Kaji, A., Dolich, M., Easter, D., Melcher, M. L., Patel, K., Reeves, M. E., Salim, A., Senagore, A. J., Takanishi, D. M., de Virgilio, C.  
2013; 148 (9): 829-833
  - **Kidney failure in a transplant from an identical twin.** *American journal of kidney diseases*  
Lum, E. L., Morton, J. M., Melcher, M. L.  
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