Stanford



Noelle Hanako Ebel

Clinical Associate Professor, Pediatrics - Gastroenterology

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Pediatric Gastroenterology**

  730 Welch Rd

  2nd Fl

  Palo Alto, CA 94304

  Tel (650) 491-6686 **Fax** (650) 721-3822

Bio

BIO

Dr. Ebel is the Chief of the Section of Hepatology and the Co-Director of the Abdominal Organ Transplant Center of Emphasis.

Dr. Ebel's clinical and research interests lie at the intersection of the heart and the liver, specifically for Fontan associated liver disease and indications for combined heart-liver transplantation. She is the Director of the Alagille Syndrome Program at Stanford and supports a growing international referral program for patients with Alagille syndrome and their complex heart and liver needs.
https://www.stanfordchildrens.org/en/service/alagille-syndrome

Dr. Ebel is the Co-Director of the Transplant Health Equity Hub in the Office of Child Health Equity at Stanford and is committed to addressing health disparities for children with liver disease.

Dr. Ebel recently received the American Academy of Pediatrics Section on Gastroenterology, Hepatology, and Nutrition Early- to Mid-Career Leadership Award for 2024. She was also the recipient of early career investigator awards from the American Association for the Study of Liver Diseases (AASLD) and the International Pediatric Transplant Association (IPTA).

https://www.youtube.com/watch?v=s3fHKQ-v4IY
https://www.washingtonpost.com/brand-studio/wp/2021/01/15/feature/how-a-collaborative-medical-effort-saved-a-babys-liver-and-her-life/
https://www.theatlantic.com/sponsored/stanford-medicine-childrens-health-2023/the-kids-fighting-back-against-rare-diseases/3784/

CLINICAL FOCUS

- Pediatric Transplant Hepatology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Gastroenterology

- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Chief of the Section of Hepatology, Division of Pediatric Gastroenterology, Hepatology and Nutrition, (2023- present)
- Co-Director of the Transplant Center of Emphasis, Stanford Medicine Children's Health, (2023- present)
- Director of Policy, Office of Child Health Equity, Lucile Packard Children's Hospital, Stanford University, (2021- present)
- Invited Member, Commission on Justice and Equity, Stanford Medicine, (2020-2021)
- Founder, GI Advocacy Group, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Stanford University, (2020- present)
- Program Director of the Transplant Hepatology Fellowship Program, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Stanford University, (2020-2024)
- Director of the Alagille Syndrome Program, Lucile Packard Children's Hospital, Stanford University, (2019- present)

HONORS AND AWARDS

- Future Leaders Career Development Award (1 recipient biennially), International Pediatric Transplant Association (IPTA) (3/2022)
- Leonard B. Seeff Award for Outstanding Research by an Early Career Investigator (1 annual recipient), American Association for the Study of Liver Diseases (AASLD) (11/2021)
- Young Investigator Travel Award, Society of Pediatric Liver Transplantation (SPLIT) (2019)
- Advanced/Transplant Hepatology Fellowship Award, American Association for the Study of Liver Diseases (AASLD) (7/2017-7/2018)
- Travel Award, Society of Pediatric Liver Transplantation (SPLIT) (2017)
- Council Award to examine Hepatic Artery Thrombosis following Pediatric Liver Transplantation, Society of Pediatric Liver Transplantation (SPLIT) (9/2016-9/2017)
- T32 Institutional National Research Service Award, NIH (3/2016-3/2017)
- Young Investigator Travel Award, American Association of the Study of Liver Diseases (AASLD) (2016)
- Research Grant to support examination of growth differences in children with VEO-IBD, University of California, San Francisco (6/2013-6/2014)
- Patient Care Fund Award, UCSF, Benioff Children's Hospital (2013)
- Patient Care Fund Award, San Francisco General Hospital (2013)
- Teaching and Tomorrow Travel Award, NASPGHAN (2012)
- Excellence in Pediatrics Award, Boston University School of Medicine (2011)
- Gold Humanism Honor Society, Boston University School of Medicine (2010)
- Master's Thesis Honors, Boston University School of Medicine (2007)
- Arnold Award, Anatomy course, Boston University School of Medicine (2007)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Hepatology Special Interest Group Member, North American Society of Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) (2019 - present)
- Member, Society of Pediatric Liver Transplantation (SPLIT) (2019 - present)
- Member, American Association for the Study of Liver Diseases (AASLD) (2015 - present)
- Member, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) (2014 - present)
- Member, American Academy of Pediatrics (AAP) (2011 - present)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Transplant Hepatology, American Board of Pediatrics (2018)
- Fellowship: UCSF Pediatric Transplant Hepatology (2018) CA
- Board Certification: Pediatric Gastroenterology, American Board of Pediatrics (2017)

- Fellowship: Seattle Children's Hospital Pediatric Gastroenterology Fellowship (2017) WA
- Residency: UCSF Pediatric Residency (2014) CA
- Medical Education: Boston University School of Medicine (2011) MA

LINKS

- Stanford Pediatric Liver Transplant Program: https://www.stanfordchildrens.org/en/service/liver-transplant
- Stanford Alagille Syndrome Program: https://www.stanfordchildrens.org/en/service/alagille-syndrome
- Office of Child Health Equity: https://med.stanford.edu/childhealthequity.html
- Stanford Pediatric Gastroenterology Advocacy website: https://med.stanford.edu/gastroenterology/DiversityEquityInclusion/PedsGIAdvocacy.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Current projects include:

-indications for combined heart-liver transplantation

-mitigating perioperative bleeding during cardiac surgery in children with Alagille syndrome

-congenital heart disease and liver transplantation

-subspecialty advocacy

CLINICAL TRIALS

- A Study to Evaluate the Safety and Tolerability of Maralixibat in Infant Participants With Cholestatic Liver Diseases Including Progressive Familial Intrahepatic Cholestasis (PFIC) and Alagille Syndrome (ALGS)., Not Recruiting
- Decreasing Hemorrhage Risk in Children With Alagille Syndrome, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Gastroenterology & Hepatology (Fellowship Program)

Publications

PUBLICATIONS

- **Implementing Social Risk Screening Across a Pediatric Liver Transplant Learning Health Network: Lessons From the Starzl Network for Excellence in Pediatric Transplantation.** *Medical care*
  Jutras, G., Huerta, A., Bisarya, C., Ebel, N., Gossett, J., Mazariegos, G., Ng, V. L., Perito, E. R., Squires, J. E., Wadhwani, S. I.
  2026; 64 (10): 705-714

- **Prevalence of a Composite Outcome to Capture Child and Liver Health One Year After Pediatric Liver Transplantation in the Starzl Network.** *Pediatric transplantation*
  DiPaola, F., Feldman, A., Ng, V., Antala, S., Bucuvalas, J., Ebel, N., Gupta, N., Halma, J., Kohli, R., Leung, D., Lobritto, S., Peters, A., Squires, et al
  2026; 30 (7): e70402

- **Development of multicenter consensus care plans for immunosuppression after pediatric liver transplant: Reducing variability, creating comparative efficacy opportunities.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
  Antala, S., Halma, J., Batsis, I., Maxwell, S., Raghu, V., Ng, V., Lobritto, S., Leung, D. H., Gonzalez-Peralta, R. P., Horslen, S. P., Mazariegos, G., Bucuvalas, J. C., Chapin, et al
  2026

- **Material economic hardships are associated with second-year hospitalizations after pediatric liver transplantation: Results from the SOCIAL-Tx study.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*

Gutierrez, S. A., Gupta, N., Hsu, E., Squires, J., Ebel, N., Campbell, K., Desai, D. M., Zielsdorf, S., Vittorio, J., Shui, A. M., Lee, C., Bucuvalas, J. C., Gottlieb, et al

2026

- **Characteristics of the adolescent population with Alagille syndrome and their liver survival**

  Gupta, N., Wojdyla, D., Hansen, B. E., Rabenau-McDonnell, Q., Vaz, D., Faist, M., Wang, J., Guan, Z., Jankowska, I., Czubkowski, P., Gliwicz-Miedzinska, D., Loomes, K. M., Piccoli, et al

  ELSEVIER.2026: S850-S852

- **Characterizing Barriers to Living Donor Liver Transplantation for Pediatric Recipients: Qualitative Results from the SOCIAL-Tx Study.** *The Journal of pediatrics*

  Kelly, M., Ali, S., Huerta, A., Hsu, E. K., Squires, J. E., Campbell, K. M., Gupta, N. A., Zielsdorf, S. M., Ebel, N. H., Bucuvalas, J. C., Lai, J. C., Wadhwani, S. I.

  2026: 115112

- **Social risk factors in pediatric gastroenterology.** *Journal of pediatric gastroenterology and nutrition*

  Cruz Herrera, E., Partida, I., Bien-Aime, C., Goldsmith, J., Ebel, N. H., Fiechtner, L., Wu, A. J., Woo Baidal, J.

  2026

- **Initial Experience with Routine Post-Operative Contrast Enhanced Ultrasound Following Pediatric Whole and Partial Deceased Donor Liver Transplant**

  York, T., Attia, A., Nakayama, T., Yu, J., Fu, S., Hanna, K., Ahn, D., Badshah, J., Ebel, N., Alrabadi, L., Czepiel, K., Melcher, M., Pham, et al

  ELSEVIER SCIENCE INC.2026

- **Elevated Serum Bile Acids Predict Poor Liver Outcomes in Children With Alagille Syndrome: Results From the GALA Study Group.** *Liver international : official journal of the International Association for the Study of the Liver*

  Perez, C. F., Vandriel, S. M., Gonzales, E. M., Wang, J., Li, L., She, H., Jankowska, I., Czubkowski, P., Gliwicz-Miedzinska, D., Jacquemin, E., Bouligand, J., D'Antiga, L., Nicastro, et al

  2025; 45 (12): e70423

- **Condition-Specific Growth Charts for Children With Alagille Syndrome.** *JAMA network open*

  Huysentruyt, K., Vandriel, S. M., Roelants, M., Piccoli, D. A., Loomes, K. M., Rand, E. B., Ebel, N. H., Feinstein, J. A., Jankowska, I., Czubkowski, P., Gliwicz-Miedzinska, D., Gonzales, E. M., Jacquemin, et al

  2025; 8 (11): e2545294

- **SPLIT LIVER TRANSPLANTATION USING MACHINE PERFUSION IN PEDIATRIC RECIPIENTS**

  Jensen, A., Nakayama, T., Bozhilov, K. K., Kirchner, V., Ebel, N., Melcher, M., Sasaki, K.

  WILEY.2025

- **AGE MATCHING IMPROVES GRAFT SURVIVAL IN ADOLESCENT LIVER TRANSPLANTATION**

  Jensen, A., Nakayama, T., Sasaki, K., Ebel, N., Kirchner, V.

  WILEY.2025

- **Mobilizing Pediatric Subspecialists to Inform Regulation: A Five-Step Case Study to Reduce Consumption of Added Sugars.** *The Journal of pediatrics*

  Lee, J., Anwar, E., Clayshulte, A., Chamberlain, L. J., Bruce, J., Ebel, N., Hecht, C., Lazaro, A., Namjoshi, S. S., Patel, A. I.

  2025: 114808

- **Coproducing a health advocate intervention for pediatric liver transplant recipients using a human-centered design.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*

  Cheung, T., Squires, J. E., Bautista, B., Milionis, C., Prugh, J., Hsu, E., Ebel, N. H., Campbell, K., Vittorio, J., Bucuvalas, J. C., Gottlieb, L. M., Lyles, C. R., Lai, et al

  2025; 31 (9): 1143-1153

- **Phenotypic Divergence of JAG1- and NOTCH2-Associated Alagille Syndrome & Disease-Specific NOTCH2 Variant Classification Guidelines.** *Liver international : official journal of the International Association for the Study of the Liver*

  Vandriel, S. M., Li, L. T., She, H., Wang, J. S., Loomes, K. M., Piccoli, D. A., Jankowska, I., Czubkowski, P., Gliwicz-Miedzińska, D., D'Antiga, L., Nicastro, E., Lacaille, F., Debray, et al

  2025; 45 (9): e70251

- **Postvaccination Immunogenicity Among Pediatric Solid Organ Transplant Recipients.** *JAMA pediatrics*

Feldman, A. G., Beaty, B. L., Ferrolino, J. A., Maron, G., Ali, S. A., Bitterfeld, L., Blatt, A., Boulware, M. A., Campbell, K. M., Carr, E., Cetin, B., Chapman, S., Chang, et al

2025

- **Co-producing a health advocate intervention for pediatric liver transplant recipients using human-centered design.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*

  Cheung, T., Squires, J. E., Bautista, B., Milionis, C., Prugh, J., Hsu, E., Ebel, N. H., Campbell, K., Vittorio, J., Bucuvalas, J. C., Gottlieb, L. M., Lyles, C. R., Lai, et al

  2025

- **Decisions Using Intra-Operative Gross Assessment of Fontan-Associated Liver Disease: Implications for Heart-Only Transplantation** *PEDIATRIC TRANSPLANTATION*

  Rivera, D., Zhang, K., Ebel, N., Bensen, R., Martin, E., Ma, M., Esquivel, C. O., Navaratnam, M., Hollander, S. A., Rosenthal, D. N., Chen, S.

  2025; 29 (1)

- **Decisions Using Intra-Operative Gross Assessment of Fontan-Associated Liver Disease: Implications for Heart-Only Transplantation.** *Pediatric transplantation*

  Torpoco Rivera, D. M., Zhang, K. Y., Ebel, N., Bensen, R., Martin, E., Ma, M., Esquivel, C. O., Navaratnam, M., Hollander, S. A., Rosenthal, D. N., Chen, S.

  2025; 29 (1): e70036

- **Material economic hardship is associated with adverse 1-year outcomes after pediatric liver transplantation: Prospective cohort results from the multi-center SOCIAL-Tx study.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*

  Wadhwani, S. I., Squires, J. E., Hsu, E., Gupta, N., Campbell, K., Zielsdorf, S., Vittorio, J., Desai, D. M., Ebel, N. H., Shui, A. M., Bucuvalas, J. C., Gottlieb, L. M., Lyles, et al

  2024

- **Perioperative Management of Pediatric Combined Heart and Liver Transplantation: A 17 year single center experience.** *Paediatric anaesthesia*

  Navaratnam, M., Li, E. X., Chen, S., Margetson, T., Wolke, O., Ma, M., Ebel, N. H., Bonham, C. A., Ramamoorthy, C.

  2024

- **Anti-spike antibody durability after SARS-CoV-2 vaccination in adolescent solid organ transplant recipients** *PEDIATRIC TRANSPLANTATION*

  McAteer, J., Kalluri, D. D., Abedon, R. R., Qin, C. X., Auerbach, S. R., Charnaya, O., Danziger-Isakov, L. A., Ebel, N. H., Feldman, A. G., Hsu, E. K., Mohammad, S., Perito, E. R., Thomas, et al

  2024; 28 (1)

- **Anti-spike antibody durability after SARS-CoV-2 vaccination in adolescent solid organ transplant recipients.** *Pediatric transplantation*

  McAteer, J., Kalluri, D. D., Abedon, R. R., Qin, C. X., Auerbach, S. R., Charnaya, O., Danziger-Isakov, L. A., Ebel, N. H., Feldman, A. G., Hsu, E. K., Mohammad, S., Perito, E. R., Thomas, et al

  2024; 28 (1): e14671

- **Caregivers' and providers' perspectives of social and medical care after pediatric liver transplant: Results from the multi-center SOCIAL-Tx study.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*

  Wadhwani, S. I., Alvarado, A., Shifman, H. P., Bautista, B., Yalung, J., Squires, J. E., Campbell, K., Ebel, N. H., Hsu, E., Vittorio, J., Zielsdorf, S., Desai, D. M., Bucuvalas, et al

  2023

- **Event-free survival of maralixibat-treated patients with Alagille syndrome compared to a real-world cohort from GALA.** *Hepatology (Baltimore, Md.)*

  Hansen, B. E., Vandriel, S. M., Vig, P., Garner, W., Mogul, D. B., Loomes, K. M., Piccoli, D. A., Rand, E. B., Jankowska, I., Czubkowski, P., Gliwicz-Miedzinska, D., Gonzales, E. M., Jacquemin, et al

  2023

- **Summary of a Consensus Conference on Heart-Liver Transplantation.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*

  Kobashigawa, J., VanWagner, L. B., Hall, S., Emamaullee, J., Entwistle, J. W., Ganger, D., Gebel, H., Jeevanandam, V., Kaldas, F., Kilic, A., Kittleson, M., Kushwaha, S., Kwong, et al

  2023

- **Omicron Infections in Vaccinated Pediatric Solid Organ Transplant Recipients.** *Journal of the Pediatric Infectious Diseases Society*
  McAteer, J., Kalluri, D. D., Abedon, R. R., Qin, C. X., Auerbach, S. R., Charnaya, O., Danziger-Isakov, L. A., Ebel, N. H., Feldman, A. G., Hsu, E. K., Mohammad, S., Perito, E. R., Thomas, et al
  2023

- **Caregiver Perceptions of Social Risk Screening in Pediatric Liver Transplantation: From the Multicenter SOCIAL-Tx Study.** *Transplantation*
  Wadhwani, S. I., Kruse, G., Squires, J., Ebel, N., Gupta, N., Campbell, K., Hsu, E., Zielsdorf, S., Vittorio, J., Desai, D. M., Bucuvalas, J. C., Gottlieb, L. M., Lai, et al
  2023

- **Safety and Immunogenicity of Live Viral Vaccines in a Multicenter Cohort of Pediatric Transplant Recipients.** *JAMA network open*
  Feldman, A. G., Beaty, B. L., Ferrolino, J. A., Maron, G., Weidner, H. K., Ali, S. A., Bitterfeld, L., Boulware, M. A., Campbell, K. M., Carr, E., Chapman, S., Chang, Y., Cunningham, et al
  2023; 6 (10): e2337602

- **SERUM BILE ACIDS ARE ASSOCIATED WITH NATIVE LIVER SURVIVAL IN PATIENTS WITH ALAGILLE SYNDROME: RESULTS FROM THE GALA STUDY GROUP**
  Perez, C., Vandriel, S. M., Wang, J., Li, L., She, H., Jankowska, I., Czubkowski, P., Gliwicz-Miedzinska, D., Gonzales, E. M., Jacquemin, E., Bouligand, J., D'Antiga, L., Nicastro, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023: S121-S124

- **SURGICAL BILIARY DIVERSION IS ASSOCIATED WITH AN INCREASED RISK OF LIVER TRANSPLANTATION OR DEATH IN ALAGILLE SYNDROME**
  Vandriel, S. M., Loomes, K. M., Piccoli, D. A., Rand, E., Li, L., She, H., Wang, J., Fawaz, R. L., Nastasio, S., Verkade, H. J., Jensen, M., Jaramillo, C., Rock, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023: S20-S23

- **Association of State Medicaid Expansion Policies with Pediatric Liver Transplant Outcomes.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Shifman, H. P., Huang, C. Y., Beck, A. F., Bucuvalas, J., Perito, E. R., Hsu, E. K., Ebel, N. H., Lai, J. C., Wadhwani, S. I.
  2023

- **Serum bile acids are associated with native liver survival in patients with Alagille syndrome: results from the GALA study group**
  Perez, C., Vandriel, S. M., Wang, J., Li Liting, She, H., Jankowska, I., Czubkowski, P., Gliwicz, D., Gonzales, E., Jacquemin, E., Bouligand, J., D'Antiga, L., Nicastro, E., et al
  ELSEVIER.2023: S971-S973

- **MELD 3.0 for adolescent liver transplant candidates.** *Hepatology (Baltimore, Md.)*
  Kwong, A. J., Zhang, K. Y., Ebel, N., Mannalithara, A., Kim, W. R.
  2023

- **Outcomes after liver transplantation in MPV17 deficiency: A rebuttal.** *Pediatric transplantation*
  Huang, A. C., Ebel, N. H., Romero, D., Enns, G. M., Esquivel, C. O., Bonham, C.
  2023: e14472

- **OPTN/SRTR 2021 Annual Data Report: Liver**
  Kwong, A. J., Ebel, N. H., Kim, W., Lake, J. R., Smith, J. M., Schladt, D. P., Schnellinger, E. M., Handarova, D., Weiss, S., Cafarella, M., Snyder, J. J., Israni, A. K., Kasiske, et al
  ELSEVIER SCIENCE INC.2023: S178-S263

- **OPTN/SRTR 2021 Annual Data Report: Liver.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Kwong, A. J., Ebel, N. H., Kim, W. R., Lake, J. R., Smith, J. M., Schladt, D. P., Schnellinger, E. M., Handarova, D., Weiss, S., Cafarella, M., Snyder, J. J., Israni, A. K., Kasiske, et al
  2023; 23 (2S1): S178-S263

- **MELD 3.0 PREDICTS WAITLIST MORTALITY RISK IN ADOLESCENT LIVER TRANSPLANT REGISTRANTS**
  Kwong, A. J., Zhang, K., Ebel, N., Mannalithara, A., Kim, W.
  WILEY.2022: S17-S18

- **BARRIERS TO IDENTIFYING AND INTERVENING ON SOCIAL NEEDS IN PEDIATRIC LIVER TRANSPLANTATION: QUALITATIVE RESULTS FROM THE MULTI-CENTER SOCIAL & CONTEXTUAL IMPACT ON CHILDREN UNDERGOING LIVER TRANSPLANTATION (SOCIAL-TX) STUDY**
  Wadhwani, S., Alvarado, A., Shifman, H., Squires, J. E., Campbell, K. M., Ebel, N., Hsu, E. K., Vittorio, J. M., Zielsdorf, S., Desai, D. M., Bucuvalas, J. C., Gottlieb, L., Kotagal, et al
  WILEY.2022: S1523-S1524

- **Healthcare Resource Utilization by Patients with Alagille Syndrome.** *The Journal of pediatrics*
  Ebel, N. H., Goldstein, A., Howard, R., Mogul, D. B., Marden, J. R., Anderson, A., Gaburo, K., Kirson, N., Rosenthal, P.
  2022

- **Natural History of Liver Disease in a Large International Cohort of Children with Alagille syndrome: Results from The GALA Study.** *Hepatology (Baltimore, Md.)*
  Vandriel, S. M., Li, L., She, H., Wang, J., Gilbert, M. A., Jankowska, I., Czubkowski, P., Gliwicz-Miedzinska, D., Gonzales, E. M., Jacquemin, E., Bouligand, J., Spinner, N. B., Loomes, et al
  2022

- **Antibody Response to Three SARS-CoV-2 mRNA Vaccines in Adolescent Solid Organ Transplant Recipients.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Qin, C. X., Auerbach, S. R., Charnaya, O., Danziger-Isakov, L. A., Ebel, N. H., Feldman, A. G., Hsu, E. K., McAteer, J., Mohammad, S., Perito, E. R., Thomas, A. M., Chiang, T. P., Garonzik-Wang, et al
  2022

- **Addressing Racism in Pediatric Liver Transplantation: A Moral Imperative.** *The Journal of pediatrics*
  Ebel, N. H., Dike, P. N., Hsu, E. K.
  2022

- **Outcomes after liver transplantation in MPV17 deficiency (Navajo neurohepatopathy): A single-center case series.** *Pediatric transplantation*
  Huang, A. C., Ebel, N. H., Romero, D., Martin, B., Jhun, I., Brown, M., Enns, G. M., Esquivel, C., Bonham, C.
  2022: e14274

- **Neurologic complications in en bloc pediatric heart-liver transplants**
  Pan, J., Bensen, R., Ebel, N., Mendoza, J., Ma, M., Hollander, S., Gallo, A., Esquivel, C. O., Bonham, A.
  WILEY.2022

- **Humoral response to BNT162B2 SARS-COV-2 vaccination in pediatric solid organ transplant recipients**
  Qin, C. X., Auerbach, S. R., Charnaya, O., Danziger-Isakov, L. A., Ebel, N. H., Feldman, A. G., Hsu, E. K., McAteer, J., Mohammad, S., Perito, E. R., Thomas, A. M., Chiang, T. P. Y., Garonzik-Wang, et al
  WILEY.2022

- **Quality improvement project to safely expedite liver biopsy in pediatric acute liver failure**
  Mendoza, J., Ebel, N. H., Josephs, S., Wolke, O., Depper, J., Bonham, C. A., Damian, M. A., Esquivel, C. O., Gallo, A.
  WILEY.2022

- **Underutilized technical variant liver grafts show equal graft survival to whole liver grafts in pediatric liver transplantation**
  Stoltz, D., Bonham, A., Lum, G., Ebel, N., Mendoza, J., Esquivel, C., Gallo, A.
  WILEY.2022

- **Towards identifying predictors of pediatric heart only versus combined heart liver transplantation**
  Zhang, K., Chen, S., Syed, A., Gallo, A., Esquivel, C., Bonham, A., Hollander, S. A., Ma, M., Han, J., Ebel, N. H.
  WILEY.2022

- **OPTN/SRTR 2020 Annual Data Report: Liver.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Kwong, A. J., Ebel, N. H., Kim, W. R., Lake, J. R., Smith, J. M., Schladt, D. P., Skeans, M. A., Foutz, J., Gauntt, K., Cafarella, M., Snyder, J. J., Israni, A. K., Kasiske, et al
  2022; 22 Suppl 2: 204-309

- **A review of racial, socioeconomic, and geographic disparities in pediatric liver transplantation.** *Liver transplantation : official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society*
  Ebel, N. H., Lai, J. C., Bucuvalas, J. C., Wadhwani, S. I.

2022

- **Neurologic complications in en bloc pediatric heart-liver transplants**
  Pan, J., Bensen, R., Ebel, N., Mendoza, J., Ma, M., Hollander, S., Gallo, A., Esquivel, C., Bonham, A.
  WILEY.2022: 80

- **APPLICATION OF REAL-WORLD EVIDENCE ANALYTICS: A 6-YEAR EVENT-FREE SURVIVAL ANALYSIS IN ALAGILLE SYNDROME OF THE GALA CLINICAL RESEARCH DATABASE AND MARALIXIBAT TREATED PATIENTS**
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