



Mihaela Damian MD

Clinical Associate Professor, Pediatrics - Critical Care

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Pediatric Intensive Care**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Pediatric CriticalCare Medicine
- Solid Organ Transplantation
- Sedation
- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Critical Care
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pain Management Fellowship (2012) CA
- Internship: University of Brooklyn at Long Island College Hospital (2007) NY
- Medical Education: University of Medicine and Pharmacy Carol Davila (2003) Romania
- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2012)
- Board Certification, American Board of Pediatrics , Pediatric Critical Care Medicine (2012)
- Board Certification: Pediatrics, American Board of Pediatrics (2009)
- Residency: University of Illinois at Chicago College of Medicine (2009) IL

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I do have multiple interests in the ICU: from quality improvement to research, from transplant to palliative care. However, most of my projects are related to transplant medicine and quality improvement. My initial resident QI project changed the way kidney transplant recipients are managed in the immediate postoperative period at University of Illinois at Chicago. My fellowship research looked at pharmacokinetics after liver transplant and my preliminary results are very promising. As part of my

scholarly activities for the last 6 months I am conducting a research study, looking at ways to better monitor and manage the pediatric kidney transplant in the ICU by assessing the hemodynamics in the first 48 hours post transplant.

As part of my QI involvement, I am currently mentoring some of the PCCM fellows in longitudinal quality improvement projects such as: sedation in recipients of liver transplantation, ICU outcomes for children receiving bone marrow transplantation.

Publications

PUBLICATIONS

- **Time to Continuous Renal Replacement Therapy Initiation and 90-Day Major Adverse Kidney Events in Children and Young Adults.** *JAMA network open*
Gist, K. M., Menon, S., Anton-Martin, P., Bigelow, A. M., Cortina, G., Deep, A., De la Mata-Navazo, S., Gelbart, B., Gorga, S., Guzzo, I., Mah, K. E., Ollberding, N. J., Shin, et al
2024; 7 (1): e2349871
- **International Pediatric Transplant Association (IPTA) position statement supporting prioritizing pediatric recipients for deceased donor organ allocation.** *Pediatric transplantation*
Freeman, M. A., Botha, J., Brewer, E., Damian, M., Ettenger, R., Gambetta, K., Lefkowitz, D. S., Ross, L. F., Superina, R., Blydt-Hansen, T.
2022: e14358
- **Evolution of Thromboelastography Parameters During Pediatric Liver Transplantation**
Damian, M. I., Tawfik, D., Mendoza, J., Gallo, A., Esquivel, C.
LIPPINCOTT WILLIAMS & WILKINS.2022: S452-S453
- **Implementation of a tight control of blood pressure improve postoperative outcomes in children receiving liver transplantation**
Damian, M., Blair, L., Moss, J., Bohham, A.
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
- **Re-transplantation in pediatric liver transplant: Indicators of intra-operative mortality**
Brubaker, A., Mendoza, J., Bonham, C. A., Damian, M. A., Esquivel, C. O., Gallo, A. E.
WILEY.2022
- **2022 Society of Critical Care Medicine Clinical Practice Guidelines on Prevention and Management of Pain, Agitation, Neuromuscular Blockade, and Delirium in Critically Ill Pediatric Patients With Consideration of the ICU Environment and Early Mobility.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Smith, H. A., Besunder, J. B., Betters, K. A., Johnson, P. N., Srinivasan, V., Stormorken, A., Farrington, E., Golianu, B., Godshall, A. J., Acinelli, L., Almgren, C., Bailey, C. H., Boyd, et al
1800; 23 (2): e74-e110
- **Pharmacokinetics of Dexmedetomidine in Infants and Children After Orthotopic Liver Transplantation** *ANESTHESIA AND ANALGESIA*
Damian, M. A., Hammer, G. B., Elkomy, M. H., Frymoyer, A., Drover, D. R., Su, F.
2020; 130 (1): 209-16
- **The impact of intraoperative thromboelastography and blood product utilization during pediatric liver transplantation in a single center**
Ruiz, R., Lee, H., Mendoza, J., Burgis, J. C., Damian, M., Esquivel, C. O., Jeng, M.
WILEY.2019
- **Implementation of a nurse led transplant specialty care team in a pediatric intensive care unit improves patient safety**
Blair, L., Dykes, N., Kent, K., Hamlin, A., Kelley, T., Chen, D., Shetty, R., Damian, M.
WILEY.2019
- **Triheptanoin: A Rescue Therapy for Cardiogenic Shock in Carnitine-acylcarnitine Translocase Deficiency.** *JIMD reports*
Mahapatra, S., Ananth, A., Baugh, N., Damian, M., Enns, G. M.
2018; 39: 19-23
- **Near-Fatal Gastrointestinal Hemorrhage in a Child with Medulloblastoma on High Dose Dexamethasone.** *Cureus*

Yecies, D. n., Tawfik, D. n., Damman, J. n., Thorson, C. n., Hong, D. S., Grant, G. A., Bensen, R. n., Damian, M. n.
2017; 9 (7): e1442