

CURRICULUM VITAE

Daiva E. Parakininkas MD

Associate Professor
Department of Pediatrics
Division of Critical Care

OFFICE ADDRESS:

Children's Hospital
9000 W Wisconsin Ave
Milwaukee, WI 53226

EDUCATION:

08/1987 - 05/1991 B.S., University of Illinois, Champaign-Urbana, IL
08/1991 - 06/1995 M.D., University of Illinois, Chicago, IL

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1995 - 06/1998 Resident, Pediatrics, Medical College of Wisconsin Affiliated Hospitals - Children's Hospital of Wisconsin, Milwaukee, WI
07/1998 - 06/2001 Fellowship, Pediatric Critical Care, Medical College of Wisconsin Affiliated Hospitals, Children's Hospital of Wisconsin, Milwaukee, WI
07/2001 - 06/2003 Fellowship, Pediatric Pulmonary Medicine, Medical College of Wisconsin Affiliated Hospitals - Children's Hospital of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

07/1998 - 06/2003 Instructor, Department of Pediatrics, Division of Critical Care/Pulmonology and Sleep Medicine, The Medical College of Wisconsin, Milwaukee, WI
07/2003 - 07/2012 Assistant Professor, Department of Pediatrics, Division of Critical Care/Pulmonology and Sleep Medicine, The Medical College of Wisconsin, Milwaukee, WI
07/2012 - Present Associate Professor, Pediatrics, Critical Care/Pulmonary and Sleep Medicine, Medical College of Wisconsin, Milwaukee, WI 53226

ADMINISTRATIVE APPOINTMENTS:

07/2001 - Present Assistant Medical Director, PICU, Children's Hospital of Wisconsin, Milwaukee, WI
12/2003 - Present Primary Pulmonologist, Lung Transplant Program, Children's Hospital of Wisconsin, Milwaukee, WI
07/2008 - Present Pulmonary Endoscopy Service, Administrator, Medical College of Wisconsin, Dept of Pediatrics, Division of Pulmonary and Sleep Medicine, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

07/2003 - Present Pierre-Robin/Distractor Evaluation team, Primary Pulmonary Endoscopist, Children's Hospital of Wisconsin, Milwaukee, WI
07/2007 - Present Airway, Digestive and Voice Team, Pulmonologist/Endoscopist, Children's Hospital of Wisconsin, Milwaukee, WI
12/2008 - Present Tracheal Service Team, Pulmonologist/Endoscopist, Children's Hospital of Wisconsin, Milwaukee, WI
07/2013 - Present VAP workgroup, Children's Hospital of Wisconsin, Milwaukee, WI
07/2016 - Present Multidisciplinary Fontan Team-Pulmonologist/Endoscopist, Children's Hospital of Wisconsin, Milwaukee, WI
07/2017 - Present Unplanned Extubations Workgroup, Children's Hospital of Wisconsin, Milwaukee, WI
07/2018 - Present Airway, Digestive and Voice Team Co-Medical Director, Children's Hospital of Wisconsin,

Milwaukee, WI
04/2019 - Present Section Chief, Pediatrics, Pulmonary and Sleep Medicine, Children's Hospital of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

07/1998 - Present Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave., PO Box 1997, Milwaukee WI 53201
07/2001 - Present St. Vincent's Hospital, PO Box 13508, Green Bay, WI 54307
03/2003 - Present St. Mary's Hospital Medical Center, 707 S. Mills St., Madison, WI 53715

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Pediatrics	1998	2005
American Board of Pediatrics recertification	2005	2012
ABP - Critical Care	2006	2021
ABP - Pulmonology	2010	2021

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Pediatric Advanced Life Support	AHA	12/2014	12/2016
Basic Life Support for Healthcare Provider	AHA	12/2014	12/2016

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin		10/2019	10/2021

AWARDS AND HONORS:

1990 Psi Chi - Psychology Honor Society
1991 Golden Key National Honor Society
1995 Alpha Omega Alpha
2007 - 2008 Best Doctors in America
2009 - 2010 Best Doctors in America
2011 - 2012 Best Doctors in America
2013 - 2014 Best Doctors in America
2014 - 2015 Best Doctors in America
2015 - 2016 Best Doctors in America

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

Alpha Omega Alpha
Wisconsin Medical Society
Phi Rho Sigma
Society for Critical Care Medicine
World Association for Bronchology
International Society for Heart and Lung Transplantation
International Pediatric Lung Transplant Collaborative
American Association for Bronchology and Interventional Pulmonology
American College of Chest Physicians

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

12/2018 - Present Member, Aerodigestive Society Executive Committee, Aerodigestive Society

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Daiva Parakininkas, MD "Cystic Fibrosis", Milwaukee School of Engineering Upward Bound Program, Milwaukee, WI, 07/2002

"Chronic Rhinosinusitis: A Disease Spanning Disciplines", Children's Hospital of Wisconsin, Pediatric Grand Rounds, Milwaukee, WI, 09/05/2008

"Urgent/Emergent Airway Issues and Foreign Bodies", Children's Hospital of Wisconsin, AI's Run/Critical Care conference - Treating Your Kids' Emergency Situations - Focusing on Pediatric Emergent & Critical Issues, Milwaukee, WI, 09/15/2011

Regional

Daiva Parakininkas MD "Pediatric Lung Transplantation", University of Chicago Pediatric Grand Rounds, Chicago, IL, 06/13/2006

National

Al-Shawwa, BA, Adler, A and Parakininkas, D, "The Rural Wisconsin Childhood Asthma Morbidity Study", American Thoracic Society 2007, 2007

Parakininkas, D, Anterior Tracheal Suspension for Tracheobronchomalacia in Infants and Children, Southern Thoracic Surgical Association 49th Annual Meeting, Los Angeles, CA, 01/29/2013

Elizabeth A. Kelly, MD, Daiva E Parakininkas, MD, Steven L. Werlin, MD, James F. Souther, MD, PhD, Nikki Johnston, PhD, and Joseph E. Kerschner, MD, Utilization of Pepsin as a Biomarker to Assess Prevalence of Pediatric Aspiration Associated Extra-Esophageal Reflux Disease, American Society of Pediatric Otolaryngology Annual Meeting, 04/2013

Gregory S, Densmore J, Mitchell M, McCormick M, Chun R, Sulman C, Lerner D, Lal D, Amos L, Parakininkas D, Arvedson J, Delaney A, Fueling MB, Rios M., Clinical dilemmas with complicated tracheoesophageal fistula (TEF) patients, 4th Annual Contemporary Management of Aerodigestive Disease in Children, Nashville, TN, 2016

Parakininkas, Daiva, Pulmonary Anomalies and Management in Heterotaxy Syndrome, Herma Heart Institute Heart Summit, Milwaukee, WI, 10/05/2019

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Local

Daiva Parakininkas, MD, "Clearance of Small Solutes in CVVHD, Predilution CVVH and Postdilution CVVH", Children's Hospital of Wisconsin Resident/Fellow Research Day, 1st place fellow division, Milwaukee, WI, 05/2000

International

Daiva Parakininkas, MD, "Clearance of Small Solutes in CVVHD, Predilution CVVH and Postdilution CVVH", 1st International Conference on Pediatric Continuous Renal Replacement Therapy, Orlando, FL, 06/2000

COMMITTEE SERVICE:

Medical College of Wisconsin

1999 - 2000 Member, Intern Selection Committee, Pediatrics, Medical College of Wisconsin

2009 - Present Member, Resident Evaluation Committee --Meet monthly to evaluate and report every resident's performance and also evaluate all the services/clinics in which the residents are assigned., Pediatrics

2011 - Present Member, CSG Marketing and Education Committee- Develop communication strategies produces CSG publications and CME programming, Pediatrics

Hospital

1998 - 2001 Member, Code Review Committee, Children's Hospital of Wisconsin

2010 - Present Member, Ventilator Associated Events HAC, Children's Hospital of Wisconsin

2011 - Present Chair, Resident Engagement Subcommittee, Children's Specialty Group

2011 - 2013 Member, CSG Marketing and Education Committee, Children's Specialty Group

2013 - Present Member, Professional Development Committee, Children's Specialty Group

2015 - Present Member, Surgical Quality Improvement Review Team, Children's Hospital of Wisconsin
2016 Member, CSG Board Nominating Committee, Children's Specialty Group
2017 - Present Member, Unplanned Extubation HAC, Children's Hospital of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

1999 - 2001 Biochemistry - Case based facilitated learning series
2001 - 2005 Cystic Fibrosis core lecture series - M3 Pediatric lecture series
2002 - 2005 Introduction to Clinical Exam (ICE)-faculty facilitator
2008 - Present Adult and Pediatric Respiratory Physiology Lecture series - faculty presenter

Resident and Fellow Education

2001 - Present Supervise fellows and residents during clinical rotations in the Pediatric Intensive Care unit
2003 - Present Supervise fellows, residents and medical students during clinical rotations on the pulmonology service and clinics
2006 - Present Pneumonia core lecture-Resident noon conference Series - done every other year

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Parakininkas, D and Greenbaum, LA; "A comparison of solute clearance in three modes of CRRT" *Pediatric Critical Care*. 5:269-274, 2004
2. Kelly EA, Parakininkas DE, Werlin SL, Southern JF, Johnston N, Kerschner JE. Prevalence of pediatric aspiration-associated extraesophageal reflux disease. *JAMA Otolaryngol Head Neck Surg*. 2013 Oct;139(10):996-1001. PMID: PMC4764882
3. Mitchell ME, Rumman N, Chun RH, Rao A, Martin T, Beste DJ, Berens RJ, Parakininkas DE, Ghanayem NS, Hubert MJ, Uhing M, Simpson P, Sato TT, Tweddell JS, Kerschner JE. Anterior tracheal suspension for tracheobronchomalacia in infants and children. *Ann Thorac Surg*. 2014 Oct;98(4):1246-53.
4. Willer BL, Bryan KG, Parakininkas DE, Uhing MR, Staudt SR, Dominguez KM, McCormick ME, Mitchell ME, Densmore JC, Oldham KT, Berens RJ. Anesthetic Management of an Infant With Postnatally Diagnosed Tracheal Agenesis Undergoing Tracheal Reconstruction: A Case Report. *A A Case Rep*. 2017 Dec 01;9(11):311-318.
5. Parakininkas, D, Gregg, D and Gershan, W; "An unusual cause of neonatal unilateral lung opacification" *Clinical Pulmonary Medicine*, 11:125-127, 2004
6. Rao, A, Parakininkas, D, Hintermeyer, M, Segura, AD and Rice, TB; "Bilateral lung transplant in Gauchers Type I disease" *Pediatric Transplantation*, 9:239-243, 2005
7. Danziger-Isakov LA, Worley S, Arrigain S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB Jr, Michaels MG, Michelson P, Mogayzel PJ Jr, Parakininkas D, Solomon M, Visner G, Sweet S, Faro A. "Increased mortality after pulmonary fungal infection within the first year after pediatric lung transplantation" *J Heart Lung Transplant*. 2008 Jun; 27(6):655-61. Epub 2008 Apr 24
8. Benden C, Danziger-Isakov LA, Astor T, Aurora P, Bluemchen K, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Michaels MG, Mogayzel PJ, Mueller C, Parakininkas D, Oberkfell D, Solomon M, Boehler A. "Variability in immunization guidelines in children before and after lung transplantation" *Pediatric Transplantation*, 2007; 11:882-887.
9. Danziger-Isakov, LA, Parakininkas, D, Faro, A, Boyer, D, Aurora, P, Mallory, GB, Michaels, MG, Mogayzel, PJ and Sweet, S; "The risk, prevention and outcome of cytomegalovirus after pediatric lung transplantation." *Transplantation*; 2009; 87 (10): 1541-8
10. Danziger-Isakov LA, Worley S, Aurora P, Conrad C, Elidemir O, Mallory GB, Michelson P, Mogayzel PJ, Parakininkas D, Visner G, Sweet S and Faro A. "Respiratory Viral Infections within one year after Pediatric Lung Transplant" *Transplant Infectious Disease*, Volume 11, Number 4, August 2009, 304-312(9)
11. Ranganathan K, Worley S, Michaels MG, Arrigan S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB Jr, Mogayzel PJ, Parakininkas D, Solomon M, Visner G, Sweet SC, Faro A, Danziger-Isakov L. "Cytomegalovirus immunoglobulin decreases the risk of

- cytomegalovirus infection but not disease after pediatric lung transplantation" *Journal of Heart Lung Transplantation*, 2009; 28(10): 1050-6.
12. Benden C, Faro A, Worley S, Arrigain S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory G, Mogayzel PJ, Parakininkas D, Solomon M, Visner G, Sweet S and Danziger-Isakov LA. "Minimal acute rejection in pediatric lung Transplantation- Does it matter?" *Pediatric Transplantation*, 2010, 14: 534-539.
 13. Schaellibaum GM, Lammers AE, Faro A, Moreno-Galdo A, Parakininkas D, Schecter MG, Solomon M, Boyer D, Conrad C, Frischer T, Wong J, Boehler A, Benden C. "Bilateral lung transplantation for pediatric idiopathic pulmonary arterial hypertension: A multi-center experience" *Pediatric Pulmonology*, 2011, Nov;46(11):1121-7. doi: 10.1002/ppul.21484. Epub 2011 Jun 1.
 14. D'Andrea L, Deschamps-Braly J, Grekowicz M, Kuhn E, Parakininkas D, Norins N, Maletta K, Dynek L, Denny A. "Outcome of Mandibular Lengthening of Infants with Pierre-Robin Sequence and Upper Airway Obstruction" In progress.
 15. Parakininkas D, Werlin S and Johnston N. "Pepsin as a Biomarker For Aspiration Due To Gastroesophageal Reflux" In progress.
 16. Gregory S, Chun RH, Parakininkas D, Amos L, Fons R, Lerner DG, Lal DR, Suman C. "Endoscopic esophageal and racheal cauterization for closure of recurrent tracheoesophageal fistula: A case report and review of the literature." *Int J Pediatr Otorhinolaryngol*. 2017 Jul;98:158-161.
 17. Gregory S, Chun RH, Parakininkas D, Amos L, Fons R, Lerner DG, Lal DR, Sulman C. Endoscopic esophageal and tracheal cauterization for closure of recurrent tracheoesophageal fistula: A case report and review of the literature. *Int J Pediatr Otorhinolaryngol*. 2017 Jul;98:158-161.
 18. Benson JC, Parakininkas D, Rice TB. Pneumonitis and Interstitial Disease *Pediatric Critical Care*. 2011;609-631.
 19. Schaellibaum G, Lammers AE, Faro A, Moreno-Galdo A, Parakininkas D, Schecter MG, Solomon M, Boyer D, Conrad C, Frischer T, Wong J, Boehler A, Benden C. Bilateral lung transplantation for pediatric idiopathic pulmonary arterial hypertension: a multi-center experience. *Pediatr Pulmonol*. 2011 Nov;46(11):1121-7.
 20. Benden C, Faro A, Worley S, Arrigain S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB, Mogayzel PJ, Parakininkas D, Solomon M, Visner G, Sweet SC, Danziger-Isakov LA. Minimal acute rejection in pediatric lung transplantation--does it matter? *Pediatr Transplant*. 2010 Jun;14(4):534-9. PMID: PMC2888626
 21. Ranganathan K, Worley S, Michaels MG, Arrigan S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB Jr, Mogayzel PJ, Parakininkas D, Solomon M, Visner G, Sweet SC, Faro A, Danziger-Isakov L. Cytomegalovirus immunoglobulin decreases the risk of cytomegalovirus infection but not disease after pediatric lung transplantation. *J Heart Lung Transplant*. 2009 Oct;28(10):1050-6. PMID: PMC2771443
 22. Danziger-Isakov LA, Worley S, Michaels MG, Arrigain S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB, Mogayzel PJ, Parakininkas D, Solomon M, Visner G, Sweet S, Faro A. The risk, prevention, and outcome of cytomegalovirus after pediatric lung transplantation. *Transplantation*. 2009 May 27;87(10):1541-8. PMID: PMC2726779
 23. Liu M, Worley S, Arrigain S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB, Mogayzel PJ, Parakininkas D, Visner G, Sweet S, Faro A, Michaels M, Danziger-Isakov LA. Respiratory viral infections within one year after pediatric lung transplant. *Transpl Infect Dis*. 2009 Aug;11(4):304-12. PMID: PMC7169860
 24. Danziger-Isakov LA, Worley S, Arrigain S, Aurora P, Ballmann M, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Mallory GB Jr, Michaels MG, Michelson P, Mogayzel PJ Jr, Parakininkas D, Solomon M, Visner G, Sweet S, Faro A. Increased mortality after pulmonary fungal infection within the first year after pediatric lung transplantation. *J Heart Lung Transplant*. 2008 Jun;27(6):655-61. PMID: PMC2447528
 25. Benden C, Danziger-Isakov LA, Astor T, Aurora P, Bluemchen K, Boyer D, Conrad C, Eichler I, Elidemir O, Goldfarb S, Michaels MG, Mogayzel PJ, Mueller C, Parakininkas D, Oberkfell D, Solomon M, Boehler A. Variability in immunization guidelines in children before and after lung transplantation. *Pediatr Transplant*. 2007 Dec;11(8):882-7.
 26. Parakininkas D, Rice TB. Pneumonitis and Interstitial Disease *Pediatric Critical Care*. 2006:630-658.
 27. Rao AR, Parakininkas D, Hintermeyer M, Segura AD, Rice TB. Bilateral lung transplant in Gauchers type-1 disease. *Pediatr Transplant*. 2005 Apr;9(2):239-43.
 28. Parakininkas D, Greenbaum LA. Comparison of solute clearance in three modes of continuous renal

- replacement therapy. *Pediatr Crit Care Med.* 2004 May;5(3):269-74.
29. Parakininkas D, Gregg D, Gershan WM. An Unusual Cause of Neonatal Unilateral Lung Opacification *Clinical Pulmonary Medicine.* March 2004;11(2):125-127.

Books, Chapters, and Reviews

1. Parakininkas, D and Rice, TB; Pneumonitis and interstitial disease. chapter 42 In: *Pediatric Critical Care*, 3rd edition, (B.P. Fuhrman, ed), St. Louis, Mosby, (pp 630-658), 2006
2. Benson J, Parakininkas D and Rice TB; Pneumonitis and interstitial disease. Chapter 42 In: *Pediatric Critical Care*, 4th edition, (B.P. Fuhrman Ed) Accepted
3. Parakininkas D; Pneumonitis and Interstitial Disease. Chapter 55 In: *Pediatric Critical Care*, 5th edition, (B.P. Fuhrman and Zimmerman Ed), Philadelphia, Elsevier, 2017
4. Parakininkas, D; Pneumonitis and Interstitial Disease. Chapter 52 In: *Pediatric Critical Care* 6th edition, (B.P. Furman and Zimmerman ed.), Philadelphia, Elsevier, 2020 (in editing)

Abstracts

1. Danziger-Isakov LA, Worley S, Aurora P, Conrad C, Elidemir O, Mallory GB, Michelson P, Mogayzel PJ, Parakininkas D, Visner G, Sweet S and Faro A. "Fungal infections after pediatric lung transplant". Presented by Dr. Danziger-Isakov, International Society for Heart & Lung Transplantation (ISHLT), Philadelphia, April 2006.
2. Epidemiology and Risks for CMV in Pediatric lung transplantation. Abstract #1572. World Transplant Congress 2006. Supplement to AJT and Transplantation. Page 593.
3. Danziger-Isakov, LA, Worley, S, Arrigain, S, Aurora, P, Ballmann, M, Boyer, D, Conrad, C, Eichler, I, Elidimir, O, Mallory, G Jr, Michelson, P, Mogayzel, P, Parakininkas, D, Visner, G, Sweet, S and Faro, A; "Duration of CMV prophylaxis associated with CMV disease in D+/R+ pediatric lung transplant recipients" *American Journal of Transplantation*, 6; Sup 2: 213, 2006
4. "Respiratory viral infections within one year after pediatric lung transplant associated with decreased survival" International Society for Heart and Lung Transplantation annual meeting, Boston, April 2008
5. "A single episode of minimal acute rejection after lung transplantation - does it matter in Children?" Accepted for oral presentation at International Society for Heart Lung Transplantation annual meeting, Paris, April 2009.