

PERSONAL DATA

Name: Timothy Edward Bunchman, MD
Title: Tenured Professor and Division Chief
Business/Institution Name: Children's Hospital of Richmond at VCU
Business Address: Children's Pavilion
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PROFESSIONAL SUMMARY

Primary Departmental Program Area: Pediatric Nephrology

Areas of expertise and interest: Pediatric Transplantation, Acute Kidney Injury, Renal Replacement Therapy, Vasculitis

EDUCATION

- Fellowship Pediatric Nephrology, University of Minnesota, Minneapolis, MN 8/1985-6/1988
- Residency (Internal Medicine and Pediatrics), St Louis University, St. Louis , Mo 7/1981-12/1985
- GRADUATE: Loyola-Stritch School of Medicine, Maywood, IL M.D. 7/1978-6/1981
- UNDERGRADUATE: St. Louis University, St. Louis, MO B.A. 8/1974-5/1978

CERTIFICATION AND LICENSURE

➤ LICENSURE OR REGISTRATION

2011	Virginia 0101249083 (active)
1990, 2003	Michigan 4301057213 (inactive)
2000	Alabama 23546 (inactive)
1998	Ohio 74921 (inactive)
1985	Minnesota 29,526 (inactive)
1982	Missouri R4C16 (inactive)

➤ CERTIFICATION

1988 Pediatric Nephrology # 353
 Renewed June 1996 until 2002
 Renewed June 2002
 Renewed 2012 until 2022
 1986 Pediatrics # 33804
 1981 National Board Medical Examination ID# 2510288

HOSPITAL APPOINTMENTS

Children’s Hospital of Richmond at VCU
 St. Mary’s Hospital, Bon Secours Richmond Health System- Consulting only
 HCA Medical Systems in Richmond-Consulting only

ACADEMIC APPOINTMENTS

7/1/15 Tenured as Full Professor
 2/2011-Present Professor & Division Chief Pediatric Nephrology, Children’s Hospital of Richmond at VCU
 5/2010-2/2011 Professor Emeritus, Michigan State University
 8/2003-5/2010 Professor of Pediatrics, Michigan State University, Lansing, MI
 7/2001-7/2003 Professor Pediatric Nephrology, University of Alabama at Birmingham
 7/2001-6/2002 Senior Scientist and Professor Pediatric Nephrology, Center for Metabolic Bone Disease, University of Alabama, Birmingham, AL
 7/2000-6/2003 Professor of Pediatrics, University of Alabama, Birmingham, AL
 7/1999-6/2000 Tenured Professor of Pediatrics, University of Michigan, Ann Arbor, MI
 7/1993-6/1999 Associate Professor, Pediatric Nephrology, University of Michigan, Ann Arbor, MI
 4/1991-6/1993 Assistant Professor, Pediatric Nephrology, University of Michigan, Ann Arbor, MI
 8/1988-4/1991 Assistant Professor, Pediatrics, Cardinal Glennon Children’s Hospital, St. Louis,

EMPLOYMENT HISTORY INCLUDING SIGNIFICANT WORK EXPERIENCE

2/2011-Present Division Chief Pediatric Nephrology, Children’s Hospital of Richmond at VCU

5/2010- 2/2011 Pediatric Nephrology, Consulting

8/2003-5/2010 Director Pediatric Nephrology, Michigan State University, Grand Rapids, MI

7/2001-6/2002 Senior Scientist for the Center for Metabolic Bone Disease, University of Alabama, Birmingham, AL

7/2000-6/2003 Pediatric Nephrologist and Director, Pediatric Dialysis Program, Children’s Hospital of Alabama, University of Alabama, Birmingham, AL

7/1998-6/2000 Director, Pediatric Dialysis Program, University of Michigan, Ann Arbor, MI

7/1998-6/2000 Director, Pediatric Solid Organ Transplant Program, University of Michigan, Ann Arbor, MI

7/1996-6/1998 Associate Director, Michigan Solid Organ Transplant Program, University of Michigan, Ann Arbor, MI

7/1994-6/2000 Director of Pediatric Nephrology, University of Michigan, Ann Arbor, MI

7/1992-6/1995 Attending, Intensive Care Unit, University of Michigan, Ann Arbor, MI

4/1991-6/2000 Pediatric Nephrology, University of Michigan, Ann Arbor, MI

8/1988-4/1991 Pediatric Nephrologist at St Louis University, Cardinal Glennon Children’s Hospital, St. Louis, MO

1/1985-6/1985 General Pediatric Practice, Mercy Pediatric Group

SPECIAL AWARDS AND HONORS

2016 Voted Best bedside manner for patients in Richmond, VA

2015 Inducted into AOA as faculty due to teaching awards

2014 High evaluation teaching award M3 Medical Students VCU SOM

2013-present Best Doctors Award March 2013 Virginia Living Magazine

2012-present Patient Top Pediatrician

2008 -present Patient’s Choice Award

2012-present Recognized as “Top Docs in Richmond, VA”, Richmond Magazine

2011-present Recognized as Compassionate Doctor by Families, American Registry

2011, 2012 Recognized in “Who’s Who Executive and Professional

2011-2014	Recognized in “America’s Top Doctors, 10 th Edition”
2011-2012	Recognized in Top Physician in Michigan, Voted by Patients
2010	Recognized in “America’s Top Doctors, 9 th Edition”
2010	Recognized in “Presidential Who’s Who in America”
2010	Recognized in “Best Doctors in America”
2009, 2012	Recognized in “Who’s Who in Healthcare”
2008	Recognized in “Marquis Who’s Who in America”
2008	Recognized in “America’s Top Doctors, 8 th Edition”
2007, 2008	Recognized in “American’s Top Pediatricians”
2007	Recognized in “America’s Top Doctors, 7 th Edition”
2006	Recognized in “America’s Top Doctors, 6 th Edition”
2006	Recognized in “The Best Doctors in America”: Overall
2005	Recognized in “America’s Top Doctors, 5 th Edition”
2005	Recognized in “The Best Doctors in America”: Overall
2005-2011	Recognized in <i>Grand Rapids Magazine</i> , “West Michigan’s Best Doctors”
2004	Recognized in “America’s Top Doctors, 4 th Edition”
1998-present	Recognized in “The Best Doctors in America”: Overall
1996-present	Recognized in “The Best Doctors in America”: Midwest Region

MEMBERSHIP IN SCIENTIFIC OR PROFESSIONAL SOCIETIES

2014	Nominated by the American Society of Pediatric Nephrology Nominee to the National Advisory Committee on Children and Disasters (NACCD)
2014	European Society of Pediatric and Neonatal Intensive Care
2011-present	American Pediatric Society Membership
2010-present	American Society of Pediatric Nephrology, Disaster Relief Taskforce, IPNA Representative
2010 – 2012	Initial member of taskforce for use of extracorporeal therapies in intoxications
2008-present	European Renal Association-European Dialysis and Transplant Association
2005	UNOS Representative for DeVos Children’s Hospital
2003-present	Society of Critical Care Medicine
2000-2007	Scientific Advisory Board of NAPRTCS
2000-2007	Advisory board of ADQI (Acute Dialysis Quality Initiative)
1999-2005	Program Directors/Workforce Committee-ASPEN Member
1999-2003	ASN-RPA Quality Patient Care Committee
1998-2000	Regional Representative to the Pediatric Transplant Committee for UNOS
1997-present	Pediatric Representative of the International Society of Nephrology Disaster Relief
1996-1997	International Pediatric Nephrology Association, Chairman for Haitian Mission

1996-1997	ASTP Training and Manpower Committee
1995-2005	Renal Physicians Association
1994	Special Studies Section: <u>North American Pediatric Renal Transplant Cooperative Study (NAPRTCS) Committee</u>
1994	Manpower Committee: <u>American Society of Transplantation</u>
1993-2001	Society for Pediatric Research
1992-2000	Transplantation Society of Michigan
1992-2000	Midwest Society for Pediatric Research
1992-1995	Scientific Advisory Board: Michigan Chapter of <u>National Kidney Foundation</u>
1991	Pediatric Committee: <u>American Society of Transplant Physicians</u>
1991-2000	Michigan Chapter of OPAM
1990-1999	International Society for Peritoneal Dialysis
1990-1991	Scientific Advisory Board: Missouri Chapter of <u>National Kidney Foundation</u>
1989-2001	American Society of Transplant Physicians
1989-present	American Society of Pediatric Nephrology
1988-present	International Pediatric Nephrology Association
1988-present	American Society of Nephrology
1987-1995	American Heart Association
1986-present	International Society of Nephrology

SCIENTIFIC AND SCHOLARLY ACTIVITIES

EDITORIAL BOARD MEMBERSHIPS-Standing:

2013-present	Section Editor on RRT J of Clinical Pediatric Nephrology
2009-Present	Member of Editorial Board of Pediatric Critical Care Medicine
2008-2012	Member of Editorial Board, <i>Pediatric On-call Child Health Care</i>
2007-2013	Member of Editorial Board, <i>Nephrology Times</i>
2006-Present	Member of Editorial Board, <i>Pediatric Nephrology</i> , the official journal of the International Pediatric Nephrology Association
2005-2017	Member of the Editorial Board, <i>Nephrology Dialysis Transplantation</i> , the official journal of the European Renal Association
2003-2008	Associate Editor, <i>Advances in Renal Replacement Therapy</i>
2003-2008	Associate Editor, <i>Southwest Michigan Medical Journal</i>
2003	Associate Editor, <i>ASIO (Journal of Artificial Organs)</i>
2002-2008	Associate Editor, <i>American Journal of Kidney Disease</i>

1999

Editor, supplement to *Transplantation Proceedings* (June 1999):
Compliance in solid organ transplantation

EDITORIAL BOARD MEMBERSHIPS-Ad Hoc:

ACTA Pediatrics
Advances in Renal Replacement Therapy
American Journal of Health-System Pharmacy
The American Journal of Pathology
Artificial Organs
Blood
Blood Purification
Cephalalgia
Clinical Pediatrics
Critical Care Medicine
Clinical Journal of the American Society of Nephrology
Clinical Transplantation
European Journal of Pediatrics
Journal American Society of Nephrology (JASN)
The Journal of Clinical Investigation
The Journal of Inherited and Metabolic Disease
Journal of Critical Care
Journal of Pediatrics
Journal of Rare Diseases
Journal of Urology
International Journal of Nephrology
International Journal of Pediatrics
Kidney International
Life Sciences Journal
Nephrology, Dialysis, & Transplantation
New England Journal of Medicine
The Open Urology & Nephrology Journal
Pediatric Blood & Cancer
Pediatric Critical Care Medicine
Pediatric Drugs
Pediatric Nephrology
Pediatrics
Pediatrics International
Peritoneal Dialysis

COUNCILS/COMMITTEES:

International

2015-Present International Pediatric Nephrology Association IPNA Kidney Day selection committee for underserved countries for kidney education.

- 2017 Organizer and Program Director of the “9th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Orlando, FL USA Aug 2017.
- 2015 Organizer and Program Director of the “8th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. London, UK, July 16-18, 2015.
- 2012 Organizer and Program Director of the “7th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Cincinnati, OH, Sept 27-30, 2012
- 2010 Organizer and Program Director of the “6th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Rome, Italy, April 8-10, 2010.
- 2008 Organizer and Program Director of the “6th International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Orlando, FL, June 18-24, 2008.
- 2006 Organizer and Program Director of the “4nd International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Zurich, Switzerland, Feb 23-25, 2006.
- 2004 Organizer and Program Director of the “2nd International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Orlando, FL, June 24-26, 2004.
- 2002 Organizer and Program Director of the “2nd International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Orlando, FL, June 20-22, 2002.
- 2000 Organizer and Program Director of the “1st International Conference on Pediatric Continuous Renal Replacement Therapy (PCRRT).” This meeting is endorsed by IPNA as well as the Critical Care section of the AAP. Orlando, FL, June 22-24, 2000.

National

- 2021 At Large member of the OPTN (UNOS) Membership and Professional Standard Committee (MPSC)
- 2009 Member of working group, selected out of 190 pediatric nephrologist nominees to set criteria for the 2009 U.S. News & World Report on America’s Best Children’s Hospitals.
- 2008 Gift of Life Michigan Abdominal Organ Committee.
- 2006 American Society of Pediatric Nephrology Communications/Website Committee.
- 2006 American Society of Pediatric Nephrology Membership Committee.

2003-2006 K/DOQI Vascular Access Work Group, National Kidney Foundation.
 2000-2005 Member, Program Director/Workforce Committee, American Society of Pediatric Nephrology.
 2000-2002 Program Committee for the Pediatric Academic Societies (PAS/SPR).
 1999-2005 Training Program Directors Executive Committee, American Society of Nephrology.
 1998-2008 Member, CRRT Organizing Committee and Program.
 1998 Organizer of the 1st Upper Midwest Pediatric Nephrology Meeting, April 29, 1988.
 1998 Pediatric Representative for Region 10 of UNOS. This committee directs the federal government on the issue of transplant organ allocation.
 1998 Moderator, Pediatric Solid Organ Transplantation at the 3rd International Conference on Pediatric Transplantation.
 1998-1999 Pediatric Advisory Committee for the Michigan Chapter of the National Kidney Foundation.
 1997-1998 Member, Organizing Committee of the 1st International Symposium on Transplant Recipient Compliance.
 1997 Scientific Advisory Board: Oxalosis and Hyperoxaluria Foundation.
 1995 Member of Organizing Committee at the 15th Annual Peritoneal Dialysis Conference, Baltimore, MD, February 12-14, 1995.
 1994-1995 Moderator and Organizing Committee, North American Pediatric Renal Transplant Committee Study (NAPRTCS).
 1994 Advisor-Fugisawa FK-506, Use in Pediatric Kidney Transplantation.
 1992-2000 Question writer for Nephrology Boards, American Academy of Pediatrics.

PROGRAM REVIEW:

2007 McMasters Children’s Hospital in Hamilton, ON.
 2001 Strong Children’s Hospital, Transplant Program Site Review.

VISITING PROFESSORSHIPS:

2016 Dubai Health System, Dubai, UAE,
 2012 Singapore Ministry of Health Visiting Professor June 23-July 1, 2012,
 2001 Kroc Visiting Professor, Sunny Health Science Center at Brooklyn, May 21- 26,

INDUSTRY CONSULTANT:

1. Dialysis Solutions Incorporated, Richmond Hills, Ontario, Canada
 Johnson & Johnson, New Brunswick, NJ
2. Chairman of Data Safety Monitoring Board, Roche Pharmaceuticals, Nutley, NJ.
3. Chairman of Data Safety Monitoring Board, Novartis, East Hanover, NJ.
4. Gambro Healthcare Speaker Bureau.
5. Chair of Safety committee for Baxter Gambro for new device for infant dialysis.

➤ **GRANTS AND CONTRACTS**

1. 2017. Submission as the Data Coordinating Center in cooperation with Dr. Vernon Chinchilli at Penn State and Dr. Cristin Kaspar (senior fellow) on RFA-DK-016-035 on CKD in Children.
2. 2017. Quintiles ARB study in cooperation with Dr. Xiao (PEDS Nephrology associate).
3. 2016. Osuka grant on use of Tolvaptan in consort with Dr. Kaspar (senior fellow).
4. 2014. Observational retrospective study of nephrologic complications in Sickle Cell disease. Cooperative Study with Pediatric Hematology and Pediatric Nephrology Fellow.
5. 2013. AWARE Study looking at AKI risk and incidence in the pediatric intensive care unit. Dr. Duane Williams is PI.
6. 2012. ppCRRT-AKI research grant. PI Rodney Daniels.
7. 2011. Virginia Chapter of National Kidney Foundation Grant Evaluation of aminoglycoside toxicity in neonates, \$50,000 awarded but not funded.
8. 2009. Long-term neonatology renal epidemiology Gerber Grant, \$50,000.
9. 2009. "Development of Urinary and Serum Biomarkers of Kidney Damage in Patients with SLE Nephritis," FDA, \$192,000.
10. 2008. American Society of Nephrology Student Scholar Grant, \$25,000.
11. 2008. Gerber Grant, Kidney Growth and Renal Function Markers in Extremely Low Birth Weight (ELBW) and Very Low Birth Weight (VLBW), - Gerber Grant \$75,000.
12. 2004. National Kidney Foundation Grant, ~\$50,000.
13. 2004. Prospective Pediatric Continuous Renal Replacement Therapy (ppCRRT) Registry, ~\$10,000.
14. 2001. Phase II study of Tacrolimus in children with Nephrotic Syndrome," Fugisawa, \$200,000.
15. 2001. Safety and efficacy of HMR4396 for the management of anemia in pediatric subjects with chronic renal failure (pre-dialysis, hemodialysis, peritoneal dialysis), Aventis," \$100,000.

16. 1999. Berger Boyer Corporation, Co-Investigator, “A double-blind, placebo-controlled, dose-escalation safety and efficacy study of Ziac (bisoprolol fumarate/hydrochlorothiazide) in patients 8-17 years of age with hypertension,” \$57,948.
17. 1999. NIH sponsored, Principle Investigator, “Evaluation of the safety and immunogenicity of Varivax (live-attenuated Varicella-Zoster virus vaccine) in pediatric renal transplant recipients,” \$1,000/pt x 5.
18. 1999. Amgen Corporation, Principle Investigator in effort with the Pediatric Clinical Trial Center (PCTC). “An open-label, randomized, crossover study to determine the pharmacokinetics of Novel Erythropoiesis Stimulating Protein (NESP) in pediatric patients with Chronic Renal Failure (CRF) or end stage renal disease,” \$30,475.
19. 1999. COBE Critical Care Corporation, Principle Investigator, “Implementation of new techniques and equipment for pediatric hemofiltration,” \$25,000.
20. 1999. University of Michigan Venture Investment Fund Review Committee, Principle Investigator, Pediatric Transplant Program, \$1,300,000.
21. 1998. SangStat Corporation, Principle Investigator, “A prospective, open label multicenter phase IIB clinical trial of Thymoglobulin as induction immunosuppression for the prevention of acute rejection in pediatric renal transplant recipients,” \$51,508.
22. 1998. SangStat Corporation, Principle Investigator, “Pharmakinetics of Sang-35 for use in pediatric renal transplant recipients,” \$25,000.
23. 1998. University of Michigan General Clinical Research Center, Co-Investigator and PICU fellow mentor, protocol #1555A, “Comparison of the diuretic efficacy of furosemide vs. a chlorothiazide/furosemide combination in diuretic resistance in critically ill children,” \$40,630.
24. 1998. NIH and the University of Michigan General Clinical Research Center, Principle Investigator, protocol #1574, “An open labeled comparative study on the effect of sirolimus vs. standard treatment of clinical outcomes in histologic progression of allograft nephropathy in high risk renal transplant patients,” \$91,413.
25. 1997. University of Michigan, Hospital Revenue Enhancement Principle Investigator, “Cost and metabolic comparison of lactate vs. bicarbonate-based dialysis solutions for pediatric hemofiltration,” \$28,000.
26. 1996. Roche Pharmaceuticals, Principle Investigator, Liquid Preparation of Mycophenolate Mofetil (RS-61443), Roche Study for Pediatric Kidney Transplantation, Protocol #2675, \$330,000.

27. 1996. University of Michigan General Clinical Research Center, Principle Investigator, “Nitrogen balance and amino acid clearance in pediatric patients with ARF on CRRT,” \$10,000.
28. 1995. Quinton Catheter Study, Principle Investigator, \$3,500.
29. 1994-Present. North American Pediatric Renal Transplant Committee, Principle Investigator, Chronic Renal Failure, Dialysis, and Transplant.
30. 1994- 1996. Syntex, Co-Investigator, Transplantation, Protocol #1301, Study #2190.
31. 1993. Sandoz Pharmaceuticals Corporation, “Evaluation of DynaCirc in the Hypertensive Pediatric Transplant Patient,” \$2,000.
32. 1990. Fleur de Lis, Cyclosporin stimulation of endothelial cell to synthesize endothelin, \$5,000.
33. 1990. Baxter-Extramural Grant Program, Co-Investigator Glomerulopathy in early Type I Diabetes Mellitus, \$40,000.
34. 1989. Roxanne Laboratories, “Sodium polystyrene sulfonate (Kayexalate)/Infant formula study,” \$3,000.
35. 1989. Basic Science Research Grant, Cyclosporin/endothelial cells interactions with reference to endothelial and glomerular endothelial cell extracellular matrix, \$10,000.
36. 1988-1990. St. Louis University “start-up” funding for tissue culture lab.
37. 1988. CKDS Research Committee, “The growth of human glomerular endothelial cells in tissue culture,” \$1,000.
38. 1987-1988. Minnesota Medical Foundation, “The study of the cytotoxicity of cyclosporine-A on human endothelial cells in tissue culture,” \$3,000.

➤ **PATENTS, INVENTIONS AND COPYRIGHTS:**

➤ **PRODUCT DESIGN**

- 1995 Dual Lumen 7 French Hemodialysis/CVVH Catheter #C-DLM-7015E-25-10.0-MNP-BUNCHMAN Mini-puncture Bunchman Double Lumen Central Venous Catheter Set (Cook Critical Care, Bloomington, IN).
- 1995 Bunchman Coaxial Double Lumen Hemodialysis/Hemofiltration Catheter Set, #C-HFYS-851-Ped (Cook Critical Care, Bloomington, IN).

➤ **RESEARCH ADVISING AND MENTORING:**

Research Mentoring

1. 1991-1994 David Kershaw, Was fellow I trained and now is the Director and Associate Professor, University of Michigan.
2. 1994-1997 Rudy Valentini, Was fellow I trained and now is an Associate Professor, Wayne State University.
3. 1994-1997 Melissa Gregory, Was fellow I trained and now is an Associate Professor, St. Joseph Hospital.
4. 1996-2000 Rulan Parekh, Was fellow I trained and now is Associate Professor, Toronto General Hospital.
5. 1992-1995 Patrick Brophy, Was fellow I trained and now is Director and Associate Professor, University of Iowa.
6. 1993-1996 Kevin McBryde, Was fellow I trained and now is Associate Professor, FDA Section of Device.
7. 2000 Gina-Marie Barletta, Was fellow I trained and now is Associate Professor, Phoenix Children's Hospital.
8. 2008-2008 Jin Chung, DO, Fellow in Pediatric Nephrology, Michigan State University.
9. 2007-2008 David Hobbs, MS, Michigan State University, Student Research Grant from American Society of Nephrology (published 6 papers in peer reviewed journals during this time).
10. 2014 Megan Schaeffer SOM Student Research Grant Summer of 2014.
11. 2014-2017 Cristin Kaspar MD, Pediatric Nephrology Fellow VCU Division of Pediatric Nephrology.
12. 2015-2018 Reshma Bholah MD, Pediatric Nephrology Fellow VCU Division of Pediatric Nephrology.
13. 2016-2019 Jacob John MD, Pediatric Nephrology Fellow VCU Division of Pediatric Nephrology.

ACCOMPLISHMENTS AS DIVISION CHIEF at VCU

1. 2011-present. When I came in February of 2011 a Pediatric Nephrology Division did not exist, so we created a new program.
2. 2013- ACGME Awarded Pediatric Nephrology Fellowship Program 3285133 (2 years after division's inception).
3. 2013. Division cited as Top Pediatric Nephrology Program by the U.S. News & World Report, 2013 (rank 50) (2 years after division's inception).
4. 2014. Division cited as Top Pediatric Nephrology Program by the U.S. News & World Report, 2014 (rank 28).
5. 2015. Division cited as Top Pediatric Nephrology Program by the U.S. News World Report, 2015 (rank 48).
6. 2016. Division cited as Top Pediatric Nephrology Program by the U.S. News World Report, 2016 (rank 45).
7. 2017. Division cited as Top Pediatric Nephrology Program by the U.S. News World Report, 2017 (rank 41).
8. 2019 Division cited as Top Pediatric Nephrology Program by the U.S. News World Report, 2019

9. 2019
- 10.

EXTRAMURAL PRESENTATIONS

Local and Regional

- 2021 Evaluation of renal failure in the Emergency room
- 2020 Pediatric Grand Rounds at CHoR at VCU on Pediatric Transplantation
- 2019 Carillion Healthcare Roanoke Feb. 2019 “Pediatric Kidney Transplantation”
- 2018 Pediatric Grand Rounds @VCU “Organ Transplantation”
- 2014 HSP, SLE and Wegener’s: Vasculitis of childhood.
Pediatric Grand Rounds, St Mary’s Hospital, Richmond, VA. Oct 5, 2014.

ECMO and CRRT Dialysis staff. Oct 23, 2014.

Vasculitis in Childhood. Pediatric Grand Rounds at VCU School of Medicine.
April 2014.
- 2013 Renal Disease and Dialysis, Central Virginia Association of Neonatal
Nurses Meeting, Richmond, VA. May 16, 2013.

Case Studies in Renal Replacement Therapy
ASPEN Fellows Conference
Washington DC. May 3, 2013.
- 2012 HUS in Children, Pediatric Grand Rounds, St Mary’s Hospital, Richmond VA.
Sept 18, 2012.

Hypertension in Children: Evaluation and Treatment, Pediatric Grand Rounds, St.
Mary’s Hospital, Richmond, VA. February 2, 2012.

Pediatric Nephrologic Emergencies in the ED: Emergency Room Symposium,
Stafford Hospital, Stafford, VA. February 15, 2012.

Genetics Renal Diseases, Genetics Renal Conference, Richmond, VA. March 26,
2012.

What is New in Pediatric Hypertension and Hematuria? Evaluation of the Urine Analysis Proteinuria, Leukocytes and Nitrites: How to work up the Patient; Pediatric Primary Care Conference, Pediatrics at the Beach, Virginia Beach, VA. July 20-22, 2012.

- 2011 Hematuria, Proteinuria and Glomerulonephritis in Children, VCU School of Medicine, Pediatric Grand Rounds, March 29, 2011.
- Vasculitis, HSP SLE and Wegener's, Pediatric Grand Rounds, Petersburg, VA, April 21, 2011.
- Vasculitis, HSP, SLE and Wegener's, Pediatric Grand Rounds, Emporia, VA. May 17, 2011.
- VCU Pediatric Grand Rounds, Pediatric CKD and AKI. October 6, 2011.
- Recognition and Treatment of Hypertension in children by VA Chapter of Nurse Practitioners. October 8, 2011.
- Pediatric Grand Rounds Vasculitis, HSP SLE and Wegener's, Fredericksburg, VA. May 20, 2011.
- Pediatric Glomerulonephritis, Williamsburg. VA June 16, 2011.
- 2010 "Renal Transplantation in Children", speaker at Sparrow Hospital, Lansing, MI, January 7th, 2010.
- Case Studies: Michigan State University House Officers, Lansing, MI, January 7th, 2010.
- "Neonates, AKI & HTN", speaker at Sparrow Hospital Pediatric Critical Care Unit, Lansing, MI, March 11th, 2010.
- "Pediatric Glomerulonephritis", speaker at St. Mary's Medical Center, Grand Rapids, MI, March 16th, 2010.
- Chronic Kidney Disease and Drug dosing and effect in Chronic Kidney Disease MAPA Conference Traverse City MI, Oct 14, 15, 2010.
- 2009 "Chronic Renal Failure" and "Acute Kidney Injury", speaker at MAPA (Michigan Academy of Physician Assistants) Conference, Boyne Falls, MI, Oct. 8-11, 2009.
- 2008 "Turning Possibilities into Realities," Spectrum Health Research Conference, Grand Rapids, MI, March 13, 2008.

- 2007 "Publishing: If you didn't write it, it didn't happen," Spectrum Health Research Conference, Grand Rapids, MI, March 15, 2007.
- 2006 "CKD in Pediatrics," Pediatric grand rounds, DeVos Children's Hospital, Grand Rapids, MI, August 1, 2006.
- "Acute Renal Failure in Children," Family practice grand rounds, Saint Mary's Mercy Medical Center, Grand Rapids, MI, August 8, 2006.
- "Hematuria, Proteinuria, and Glomerular Nephritis," Grand Rounds, Sparrow Hospital, Lansing, MI, September 7, 2006.
- 2005 "Contrasting Adult and Pediatric Renal Failure," Grand Rounds, Michigan State University, Kalamazoo Center for Medical Studies, Kalamazoo, MI, October 12, 2005.
- "Nephrotic Syndrome & Glomerular Diseases in Children," Northern Michigan Pediatric Coalition, Gaylord, MI, November 8, 2005.
- 2004 "Vasculitis in Pediatrics," Pediatric Grand Rounds, DeVos Children's Hospital, June 22, 2004.
- 2003 "Hypertension in Children: Transient or Treatable," Pediatric grand rounds, DeVos Children's Hospital, Grand Rapids, MI, September 16, 2003.
- "Hypertension in Pediatrics," Resident and house officer rounds, DeVos Children's Hospital, Grand Rapids, MI, October 2003.
- "Hematuria, Proteinuria, and GN in Children," Grand rounds, Holland Community Hospital, Holland, MI, December 12, 2003.
- "Treatment of Toxication with Renal Replacement Therapies," DeVos Children's Hospital Regional Poison Center Toxicology Grand Rounds, Grand Rapids, MI, December 19, 2003.
- 2002 "Lupus with CNS Involvement," Chief's CPC, University of Alabama, August 2002.
- "Clinical Vignettes in Pediatric Nephrology: HSP and UTIs with VUR," University of Alabama, August 2002.
- 2001 "CRRT use in ECMO," ECMO course, University of Alabama, August 2002
 "Transplantation: MMF and Thymoglobulin," 1st forum for solid organ transplantation at the University of Alabama, May 10, 2001.

“Antenatal Diagnosis of Renal Disease,” Practical Day of Pediatrics, University of Alabama, May 17, 2001.

“Critical Care Nephrology,” Pediatric grand rounds, Children’s Hospital of Alabama, October 2001.

1998 “Pediatric Transplantation,” Pediatric grand rounds, University of Michigan, January 5, 1999.

“Intrauterine Renal Disease,” Saginaw Cooperative Hospitals, Saginaw, MI, February 15, 1999.

“Predictors of Survivors in Pediatric Renal Replacement Therapy” and “Thymoglobulin Induction in Pediatric Renal Transplantation,” 10th Annual Pediatric Research Symposium, October 15, 1999.

1997 “Pediatric Liver and Kidney Transplantation,” Grand Rounds, Hurley Hospital, Flint, MI, January 14, 1988.

1996 “Urinary Tract Infections/Intrauterine Obstructive Uropathy,” Grand Rounds, Oakwood Hospital, Dearborn, MI, April 7, 1997.

“Evaluation of Intrauterine Renal Abnormalities,” Grand Rounds at Riverside Hospital, Toledo, OH, September 4, 1997.

“Prenatal Diagnosis of Kidney Disease,” Neonatology research conference, University of Michigan, October 16, 1997.

1995 “Nephrotic Syndrome,” Grand Rounds at St. John’s Hospital, Detroit, MI, April 2, 1996.

“Transitioning from Pediatric to Adult Nephrology Care,” Michigan Chapter of the National Kidney Foundation, June 14, 1996.

“Growth Impairment in Chronic Renal Failure,” Pediatric grand rounds, Bronson Methodist Hospital, Kalamazoo, MI, September 25, 1996.

1994 “Pediatric Chronic Renal Failure,” Grand rounds at Henry Ford Hospital, Detroit, MI, January 12, 1995.

“Pediatric Transplantation,” Adult and pediatric nephrology fellows, University of Michigan, April 7, 1995.

“Renal Failure in the Pediatric Patient,” Specialty topics in pediatric cardiology, University of Michigan, May 4, 1995.

- “Growth Impairment in Chronic Renal Failure,” Pediatric grand rounds at Bronson Methodist Hospital, Kalamazoo, MI, June 30, 1995.
- 1993 “Acute and Chronic Renal Failure in the Pediatric Patient,” Grand rounds at Riverside Hospital in Toledo, OH, March 17, 1994.
- “Renal Replacement Therapy (RRT) in the Pediatric Patient,” Grand rounds, University of Michigan, April 26, 1994.
- “Pediatric Hypertension: Diagnosis and Management,” Grand Rounds at William Beaumont Hospital, Royal Oak, MI, October 18, 1994.
- “Growth Improvement in Pediatric Chronic Renal Insufficiency,” Genentech Symposium, Detroit, MI, November 15, 1994,
- 1992 “Neonatal Dialysis,” Neonatal Research Conference, University of Michigan, February 16, 1993.
- “Current Management of End Stage Renal Disease in Pediatrics,” Grand Rounds at Bronson Methodist Hospital in Kalamazoo, MI, October 1, 1993.
- “Pediatric Nephrotic Syndrome,” Renal Grand Rounds, University of Michigan, October 5, 1993.
- “Acute Renal Failure and Other Adjunctive Therapies,” and “Update in Neonatology: The Horizon... and Beyond,” postgraduate course, November 4, 1993.
- 1991 “Growth Impairment in Children with Renal Disease,” Pediatric Grand Rounds, Butterworth Hospital in Grand Rapids, MI, January 21, 1992.
- “Infant and Pediatric Renal Transplantation,” 6th Renal Transplantation Symposium at the University of Michigan, March 17, 1992.
- “Growth Hormone in Renal Disease,” Renal Grand Rounds at the University of Michigan, April 8, 1992.
- “Pediatric Hypertension: When to treat, when to watch,” Pediatric Grand Rounds at the University of Michigan, April 14, 1992.
- “Current Concepts in Hematuria & Proteinuria in Pediatrics,” Pediatric Nephrology and Urology, University of Michigan, April 28, 1992.
- “Pediatric Renal Transplantation,” Pediatric Grand Rounds, University of Michigan, September 15, 1992.

“Pediatric Renal Replacement Therapy,” Pediatric Grand Rounds, Michigan State University, September 24, 1992.

“T-cell Subset Analysis by Flow Cytometry during MALG Induction in Pediatric Renal Transplantation,” 3rd Annual Pediatric Research Symposium at the University of Michigan, September 25, 1992.

“Hypertension in the Pediatric Population,” Grand Rounds at Oakwood Hospital in Dearborn, MI, October 21, 1992.

“Hemolytic Uremic Syndrome,” Ophthalmology Grand Rounds, University of Michigan, October 29, 1992.

“Continuous Renal Replacement Therapy in the Pediatric Patient,” Conference on renal support in critical care, sponsored by the surgical intensive care unit at the University of Michigan, November 5, 1992.

1990 “Pediatric Renal Transplantation,” 5th Renal Transplantation Symposium at the University of Michigan, April 10, 1991.

“Growth Impairment of Renal Disease,” Genentech Symposium, Ypsilanti, MI, July 1991.

“Dialysis Modalities: HD, PD, CAVH, CAVHD, CVVH, CVVHD, Charcoal Hemoperfusion,” Pediatric grand rounds, University of Michigan Medical Center, September 1991.

1989 Cyclosporine interaction with vascular cells, August 15.

Continued endothelin production by vascular endothelial cells stimulated with cyclosporine, August 15.

Sodium polystyrene sulfonate pretreatment of uremic infant’s formula to limit potassium intake and optimize calories, November 1.

1988 Renal vasculitis, May 13.

Pediatric renal transplantation, Oct 14.

1988 Immunosuppression in transplantation, May 13.

OKT3 therapy in renal transplantation, Feb 19.

National:

- 2019 Case Studies in Renal Replacement Therapy
Biomarker for AKJ: not ready for Renal Transplant RRI meeting Jan 2019
- 2018 Case Studies in Renal Replacement Therapy
Cases Studies in Pediatric Nephrology
Pediatric Nephrology Fellows Conference
Renal Research Institute, Orlando, FL, January 2018.e
- 2018 University of Miami Nephrology Conference Talks and workshops in Critical
Care Nephrology
- 2017 Panel discussion on ethics and practicality of intrauterine amniotic fluid infusions
in oligohydramnios due to fetal renal disease. Levi Symposium, Johns Hopkins,
Baltimore, MD, March 2017.
- 2017 Case Studies in Renal Replacement Therapy
Cases Studies in Pediatric Nephrology
Pediatric Nephrology Fellows Conference
Renal Research Institute, Las Vegas Nevada, January 2017.
- 2017 Home Hemodialysis in Children RRI conference New York Sept 2017
- 2017 Infant AKI and dialytic therapies Cleveland Clinic Annual Neonatal and
Nephrology Conference, Cleveland OH Sept 2017
- 2016 Case Studies in Renal Replacement Therapy.
Cases Studies in Pediatric Nephrology
Pediatric Nephrology Fellows Conference
Renal Research Institute, Miami FL January 2016.
- Grand Rounds on AKI and RRT at Miami Children's Hospital.
- 2015 Use of RRT in MODS NIH conference on MODS, April 2015, Bethesda, MD.
- Case Studies in Renal Replacement Therapy
Cases Studies in Pediatric Nephrology
Pediatric Nephrology Fellows Conference
Renal Research Institute
January 26-27, 2015, New Orleans, LA.
- 2014 The impact of early vs late starting of renal replacement therapy in the pediatric
intensive care unit Soc of Critical Care Medicine in San Francisco, January 2014.
- Renal Research Conference, Las Vegas, NV, Jan 2014

Clinical case studies with renal replacement therapy modalities.

2013 How does renal replacement therapy in AKI effect outcome. Dallas Children's Hospital Dallas, Texas, Sept 9, 2013.

RRT and AKI. University of North Carolina Pediatric Nephrology Grand Rounds, Durham, NC, Oct 1, 2013.

Nutrition in Critical Illness. Pediatric Grand Rounds at the University of North Carolina, Durham, NC, Oct 2, 2013.

AKI in the PICU: Managing RRT
40th Year of the University of Miami Pediatric Nephrology course
March 14-16, 2013, Miami, FL.

Use of CRRT in Pediatrics: Pearls for the Clinician
Urology and Nephrology Foundation of America
Kidney in Crisis: Acute Care Pediatric Nephrology
Sponsored by Einstein University School of Medicine
March 22, 2013, New York, NY.

“Establishing databases: The Pediatric Renal Replacement Therapy Database”
Vanderbilt University, June 14, 2013.

2012 Histopathology and Clinical Correlation in Pediatric Renal Disease, Fellows Conference by Renal Research Institute, Tarpon Springs, FL, Jan 15-16, 2012.

AKI in Children, American Society of Pediatric Nephrology, Boston, MA, May 2-4, 2012.

2011 Early intervention in AKI therapy with CRRT improves outcome. Invited lecturer at the Society of Critical Care Medicine, San Diego, CA January 19, 2011.

Cases Studies in Pediatric Dialysis Invited Speaker at Renal Research Institute Fellows Conference, Miami, FL January 25, 2011.

Acute Dialysis in the very small infant: How small is too small?
University of Miami School of Medicine, Pediatric Nephrology lecture series,
March 12, 2011.

Technical Aspect of Pediatric CRRT, Cleveland, OH, August 11, 2011.
Pediatric Grand Rounds, University of Oklahoma, Pediatric AKI: etiology, evaluation and outcome, December 15, 2011.

- 2010 “Continuous Renal Replacement Therapy”, speaker at Albany Medical Center in Albany, NY, January 2010.
- “Ethical Issues for End Stage Renal Disease”, National Kidney Foundation in Orlando, Florida, April 16th, 2010.
- Advances in Pediatric CRRT University of Pittsburgh CRRT conference Pittsburgh, PA, October 21 and 22. 2010.
- Plasmapheresis in TTP American Society of Nephrology, Denver, CO, November 18, 2010.
- Practical Aspects of Pediatric CRRT Robert Wood Johnson Medical System, New Brunswick, NJ, December 16, 2010.
- 2009 “CRRT in Small Child,” University of Miami, Pediatric Nephrology Seminar, Miami, FL, February 28, 2009.
- “Acute Kidney Injury in Children”, speaker at Yale University in New Haven, CT, December 2009.
- 2008 CRRT, San Diego, CA, February 2008.
- “Acute Renal Failure and Dialysis in the ICU, CRRT: An update.” University of Miami, Pediatric Nephrology Seminar, Miami, FL, March 8, 2008.
- 2007 “Vasculitis in Pediatrics,” Grand Rounds, New York University Medical Center, New York City, NY, January 9, 2007.
- “Management of Acute Renal Failure in Children,” Grand Rounds, University of Minnesota, Minneapolis, MN, February 21, 2007.
- “Acute Renal Failure and Renal Replacement Therapy,” Multidisciplinary Critical Care Board Review Course, Chicago, IL, August 8, 2007.
- “Treatment of AKI in children: Conservative Management to RRT.” ASN, November 3, 2007.
- 2006 “An Update on Continuous Renal Replacement Therapies,” Grand Rounds, Memorial Hospital, South Bend, IN, July 12, 2006.
- “CRRT in Pediatrics,” Illinois chapter of the National Kidney Foundation, Nephrology in the 21st Century, Chicago, IL, September 10, 2006.
- 2005 “ARF and Therapies in Children,” 32nd Pediatric Nephrology Seminar, Miami, FL, Feb 26, 2005.

“Triple Lumen Access in Children in CRRT,” 30th International Conference on Dialysis, Tampa, FL, March 1, 2005.

“Critical Care Nephrology,” Multidisciplinary Critical Care Review Course, Chicago, IL, August 19, 2005.

“Use of CRRT in Children” and “Fluid Balance in CRRT: A Predictor of Outcome,” CRRT Midwest Symposium, Indianapolis, IN, Sep 29-30, 2005.

Grand Rounds at St. Jude’s Children’s Hospital, Memphis, TN, October 20, 2005.

Abstract Presentation, American Society of Nephrology Renal Week 2005, Philadelphia, PA, November 10-13, 2005.

“Nutrition in Pediatric ARF” and “Pediatric ARF: Diagnosis, evaluation, treatment & outcome,” Grand Rounds, University of Nebraska Medical Center, Omaha, NE, December 8-9, 2005.

2004 “Renal Replacement Therapy in Children,” Society of Critical Care Medicine Conference, Orlando, FL, February 18-24, 2004.

4 Lectures on Pediatric CRRT, “Pharmacy Errors in CRRT, Basis of Pediatric and Infant CRRT, Anticoagulation in CRRT, & CRRT for Non-Renal Function,” 9th International Conference on CRRT, San Diego, CA, February 25-29, 2004.

“Access and Prescription of Renal Replacement Therapy” and “Renal Replacement Therapy for Intoxication,” 32nd Pediatric Nephrology Conference, University of Miami, Miami, FL, March 8, 2004.

“Renal Replacement Therapy,” American Society of Pediatric Nephrology/Society of Pediatric Research, San Francisco, CA, May 3, 2004.

2003 “Critical Care Nephrology,” Grand Rounds, Tulane University, New Orleans, LA, January 8, 2003.

“HUS,” House Officer Lecture, Tulane University, New Orleans, LA, January 8, 2003.

“Pediatric Transplantation,” Pediatric section of the Society of Critical Care, San Antonio, TX, January 28-29, 2003.

4 lectures on Hemofiltration in Pediatrics, “Solutions, Anticoagulation, Outcome, & HD vs HF,” 31st Pediatric Nephrology Conference, University of Miami, Miami, FL, February 28-March 3, 2003.

Pediatric Course Director, 8th International Conference on CRRT, “Infant ARF/CRRT-Use in ECMO,” Pediatric workshop on solutions for CRRT, and workshop on citrate anticoagulation, San Diego, CA, March 6-8, 2003.

“Pediatric Renal Failure: Causes, outcomes, and options,” Grand Rounds, Washington University, St. Louis, MO, September 26, 2003.

“Normocarb and Citrate CRRT: Diffusion and Convection are Options,” Eggleston Children's Hospital, Emory University, Atlanta, GA, October 9, 2003.

2002 “Pediatric Hemofiltration,” Cook Children’s Hospital, Fort Worth, TX, February 25, 2002.

“Intrauterine Renal Disease,” Pediatric Grand Rounds, Cook Children’s Hospital, Fort Worth, TX, February 26, 2002.

“Pediatric Hemofiltration in Multi-Organ System Failure,” ELSO/ECMO Conference, Keystone CO, February 27, 2002.

“Citrate Anticoagulation” and “Pediatric Hemofiltration,” CRRT meeting, San Diego, CA, March 14, 2002.

“Solutions: Dialysis and Replacement for CRRT” and “Post Operative Renal Failure: Special Issues in Pediatrics,” CRRT meeting, San Diego, CA, March 15, 2002.

Moderator: Membranes, solutions and prescriptions, CRRT meeting, San Diego, CA, March 15, 2002.

“Solutions, Nutrition, and Terminology in Pediatric CRRT,” 2nd International Conference on Pediatric CRRT, June 20-22, 2002 Orlando, FL.

Focus group on vascular access for nephrology, Arrow International, Reading, PA, August 29-30 2002.

“Thymoglobulin Use in Transplantation,” Sentara Hospital and King’s Daughter Hospital, Norfolk, VA, August 2, 2002.

2001 “Pediatric Hemofiltration: Indication to Outcome,” Miami Children’s Hospital Grand Rounds, Miami FL, February 23, 2001.

“Solutions & Outcomes,” Anticoagulation Pediatric Hemofiltration Symposium, 6th Annual CRRT meeting, San Diego, CA, March 7-10, 2001.

“Adequacy in Pediatric Dialysis,” ANNA National Symposium, Las Vegas, NV, April 24, 2001.

“Vascular Access of Dialysis” and “Pediatric Hemofiltration,” IPNA meeting, Seattle, WA, September 2001.

“The Critically Ill Pediatric Patient with Renal Failure,” Intensive Care Nephrology, American Society of Nephrology Post-Graduate Education Course, San Francisco, CA, October 13, 2001.

“Critical Care Nephrology” and “Intrauterine Renal Disease,” Arnold Palmer Children’s Hospital, Orlando, FL, November 27, 2001.

“Hypertension in Pediatrics,” House officer Conference, Strong Children’s Hospital, Rochester, NY, December 5, 2001.

“Critical Care Nephrology,” Adult and Pediatric Nephrology Conference, Strong Children’s Hospital, Rochester, NY, December 5, 2001.

“Pediatric Transplantation,” New York State Pediatric Nephrology Meeting, Rochester, NY, December 5, 2001.

2000 Pediatric Hemofiltration Course Moderator, 5th Annual CRRT Meeting San Diego, CA, March 3-8, 2000.

“Pediatric Continuous Renal Replacement Therapy: Indications to Outcome,” 10th Annual Southeastern ECMO Conference, Atlanta, GA, May 19, 2000.

1999 “Infant End Stage Renal Disease” and “Pediatric Hemofiltration,” Visiting Professor, Cincinnati Children’s Hospital, Cincinnati, OH, January 6, 1999.

“CMV: Recognition and Management in the Pediatric Transplant Recipient,” Visiting Professor, University of Cincinnati, Cincinnati, OH, January 7, 1999.

“Intrauterine Renal Disease,” Western Michigan Society of Pediatrics, Grand Rapids, MI, April 25, 1999.

“Pediatric Acute Renal Failure,” American Society of Pediatric Nephrology, San Francisco, CA, April 25, 1999.

“IVIG Therapy for Transplantation,” Intravenous Immunoglobulin Therapy Advisory meeting, Rancho Mirage, CA, April 30-May 1, 1999.

Moderator: Compliance in Transplant; Presenter: Mycophenolate Mofetil (MMF) Oral Suspension in Pediatric Renal Transplantation. Accepted for oral presentation by the American Society of Transplant Physicians. Chicago, IL, May 15-19, 1999.

“Pediatric Transplantation,” Grand Rounds, OSHU, Portland, OR, September 23, 1999.

Instructor: Renal Disease, House Officer Conference, OSHU, Portland OR, September 23, 1999.

“Thymoglobulin in Pediatric Transplantation,” Pittsburgh School of Medicine, Pittsburgh, PA, September 30, 1999.

1998 "Intrauterine Renal Abnormalities," Pediatric grand rounds, University of Texas, San Antonio, TX, February 6, 1998.

"Pediatric Hemofiltration: Complications," 3rd Annual Conference on Continuous Renal Replacement Therapy, San Diego, CA, March 6, 1998.

“An Update on Prevention and Treatment of Rejection,” SangStat Medical Corp. Roundtable meeting, Miami Beach, FL, April 8, 1998.

"Prevalence of Transplant Patient Non Compliance: Results of a Multi-center/Multi-organ survey on Perception from the Professional Community," 1st International Symposium on Transplant Recipient Compliance, Washington, DC, April 3, 1998.

"Graft Rejection in a Non-Compliant Post-Renal Pediatric Transplant," 1st International Symposium on Transplant Recipient Compliance, Washington, DC, April 4, 1998.

“Compliance to Medical Regimens in Solid Organ Transplantation,” Southwest Dialysis and Transplantation Association, Dallas, TX, September 26, 1998.

“Pediatric Hemofiltration: From Indications to Outcome,” Advanced Management: The Art and Science of Critical Care, Eggleston Children’s Hospital, Atlanta, GA, October 2-3, 1998.

Pediatric Critical Care Nephrology, Marshfield Clinic, Marshfield, WS, October 22-23, 1998.

1997 "Pediatric Hemofiltration: How To Do It” and “A Comparative Outcome for Pediatric Hemofiltration vs Hemodialysis,” Pediatric CRRT Meeting, San Diego, CA, February 7, 1997.

“Peritoneal Dialysis of the Haitian Acute Renal Failure Crisis,” 17th Annual Conference on Peritoneal Dialysis, Denver, CO, February 16, 1997.

"Immunizations in the Immunocompromised Child," 13th Annual Robin Mitchell Invited Lecture, Buffalo Children's Hospital, Buffalo, NY, March 7, 1997.

"The Ann Arbor Experience and Optimal Immunosuppressive Therapy," Round Table Discussion on Pediatric Renal Transplantation, Boca Raton, FL, April 24, 1997.

"Pediatric Continuous Renal Replacement Therapy," American Society of Pediatric Nephrology, Washington, DC, May 4, 1997.

"Pediatric Continuous Renal Replacement Therapy," Fellows Workshop, American Society of Nephrology, San Antonio, TX, November 2, 1997.

1995 "Hemofiltration," American Society of Pediatric Nephrology/SPR, May 5, 1996.

"Cyclosporine: Use in Pediatric Kidney Transplantation," Children's Memorial Hospital of Chicago, May 17, 1996.

"Fetal Hydronephrosis: Diagnosis and Management" and "UTI/Reflux," 14th Annual Care of the Sick Child Conference, Orlando, FL, November 7, 1996.

"Management of the Child with Post Cardiac Acute Renal Failure," Pediatric grand rounds, Rush Presbyterian Hospital, Denver, CO, November 15, 1996.

"Pediatric Hemofiltration: CRRT" and "Acute Peritoneal Dialysis in the PICU," ANNA High Chapter Conference, Denver, CO, November 16, 1996.

1994 "Peritoneal Dialysis in the ICU," "CVVHD in the Infant and Pediatric Population in the ICU" and "ACCESS: Hemodialysis, CVVH and Peritoneal Dialysis in the Infant and Pediatric Population," New England Pediatric Nephrology Society, Worcester, MA, March 25-26, 1994.

"Infant Dialysis," 4th Annual North American Pediatric Renal Transplant Cooperative Study, Newport Beach, CA, April 1994.

1994 Transplant Grand Rounds, University of California, Los Angeles, CA, January 19, 1995.

"Nephrotic Syndrome: From the Old to the New," Pediatric grand rounds, University of California, Los Angeles, CA, January 20, 1995.

"Differences between Adult and Pediatric ESRD," "Sodium Losses in the Pediatric Patient" and "Transition from PD to HD," 15th Annual Conference on Peritoneal Dialysis, February 12-14, 1995.

"Pediatric Kidney Transplantation: T Cell Subsets and Cyclosporine Kinetics," Transplantation grand rounds, Portland, OR, March 9, 1995.

“Hypertension,” Pediatric grand rounds, Portland, OR, March 9, 1995.

“Pediatric Hemodialysis: Lessons From the Past, Ideas for the Future,” North American Pediatric Renal Transplant Cooperative Study (NAPRTCS), San Francisco, CA, March 24, 1995.

1993 “Fungal Peritonitis” and “Peritonitis,” 13th Annual Conference on Peritoneal Dialysis, San Diego, CA, March 6-9, 1993.

“T Cell Subsets in Pediatric Transplant Patients,” 8th Annual Meeting of Clinical Applications of Cytometry, Charleston, SC, September 16, 1993.

Moderator of Bone Marrow/Solid Organ Transplantation Session, 8th Annual Meeting of Clinical Applications of Cytometry, Charleston, SC, September 16, 1993.

International:

2021 Invited Speaker (virtual) on Pediatric Transplantation in difficult bladders (Delhi India

Invited Speaker (virtual) on Pediatric CRRT and on CRRT with ECMO Medicine Columbia

Invited Speaker (virtual) IPNA masters Course in RRT

2019 Symposium Leader at the WCN in Melbourne in Pediatric Critical Care Nephrology

Invited speaker on AKI and RRT at the Indian Society of Pediatric Nephrology

2018 May 4-6, Invited speaker on AKI and CRRT at the Mexican Society of Pediatric Nephrology, Veracruz Mexico

June 9-12 Invited speaker on AKI and CRRT at the WFPICCS meeting, Singapore

Aug 2-6 Invited speaker on AKI and RRT at the Indian Society of Pediatric Nephrology

Oct 19-21 Invited speaker on AKI, Transplantation and RRT at the third international Conference on Caribbean Pediatric Nephrology, Kingstown Jamaica

- 2017 April 19-20, Pediatric Fellows conference at the World Congress of Nephrology, Mexico City, Mexico.
- June 6-9 Invited speaker on AKI and CRRT at the European Society of Neonatal and Pediatric Critical Care, Lisbon, Portugal.
- Invited speaker on AKI and RRT at the Indian Pediatric nephrology conference, Delhi India Oct
- Invited Speaker on Apheresis and RRT at the Indian Pediatric Critical Care Conference, Chandigarh India Nov
- Invited Speaker at the IPNA sponsored fellows course with talks on Hypertension, Vasculitis and RRT Cairo Egypt Nov
- 2016 Indian Pediatric Nephrology and Dialysis conference Delhi, India, May
Talks on RRT, AKI, Plasmapheresis and nutrition in critical illness.
- Pediatric Intensive and Critical Care Conference, Toronto, Canada, June
Workshop on AKI and RRT.
- International Pediatric Nephrology Association, Iguassu, Brazil, September
Two day symposium (co-chair of symposiums) on Critical Care Nephrology, AKI, RRT.
- Indian Pediatric Critical Care Society, Mumbai, India, Oct
Three talks on History of Pediatric RRT, AKI and CRRT.
- Dubai Pediatric Conference (visiting professor) Dubai UAE, November
Talks on AKI, Lupus, RRT, Transplantation, glomerulonephritis.
- 2015 CRRT and SLED use in Children
Nutrition in Critical illness
Workshops in CRRT
Indian Society of Pediatric Nephrology, Delhi, India Feb 2015.
- Renal involvement in Lupus: Pediatric Rheumatology society meeting, Cape Town, SA, March 2015.
- Specific aspects of dialysis in children: World Congress of Nephrology, Cape Town, SA, March 2015.
- Extracorporeal Therapy of AKI: Pediatric Nephrology Conference, Red Cross Hospital Cape Town, SA, March 2015.

Pediatric Continuous Renal Replacement Therapy 8 in London, UK.
Chairman and 7 talks.

2014

Indian Society of Pediatric Nephrology, Delhi, India, Feb 2014:

Vasculitis in Childhood
Acute and Chronic Dialysis in Children
CRRT vs SLED in Children

World Congress of Pediatric Intensive and Critical Care, Istanbul, Turkey, May 2014.

Co-Chair of a one day symposium on CRRT. I delivered 5 presentations of a total of 19 for the course:

Citrate Anticoagulation
RRT in In Born Error of Metabolism
Vascular Access in RRT
Membranes used for RRT
Case Studies in RRT

ESPNIC (European Society Pediatric and Neonatal Intensive Care) Barcelona, Spain, Oct 16-17, 2014. Perioperative risk factors of AKI in the cardiac patient. Co-Chair of AKI and CRRT symposium. I delivered talks on:

Vascular Access for RRT
Prescriptions in RRT
Nutrition in AKI and Critical Illness
RRT for In Born Error of Metabolism

2013

Resource utilization for AKI treatment in children. International Pediatric Nephrology Association. Shanghai, China, Sept 2, 2013.

Vascular access in extracorporeal therapies. CRRT conference at Kings College, London, UK, Sept 23, 2013.

AKI therapies in Children. CRRT conference at Kings College, London, UK, Sept 23, 2013.

Comparison of CRRT techniques on achieving clearance.
Anticoagulation protocols in CRRT. CRRT prescriptions and common errors.
Pediatric Intensive Care Conference, Royal College of Surgeons, London, UK, Sept 25, 2013.

AKI in children and potential consequences in adults. World Congress of Nephrology, Hong Kong, China, June 3, 2013.

2012

Asian Pediatric Nephrology Conference in Singapore, June 21-24, 2012.

1. What is new and not so new in Pediatric AKI, June 23.
2. RRT options for Pediatric AKI, June 23.
3. Citrate anticoagulation in CRRT, June 24.

The National University Hospital and KK Children's Hospital, Singapore. Ministry of Health visiting professor June 25-June 30, 2012.

1. CRRT and ECMO, June 25 and June 26.
2. AKI Incidence and Therapy, June 26.
3. RRT options for Children, June 27.
4. Plasmapheresis in Children June 28.
5. RRT for Intoxications (Medical Grand Rounds) June 29.

Pediatric Critical Care Conference, Santiago, Chile, Oct 25-27, 2012.

AKI and Renal Replacement Therapy
Vascular Access
Choice of RRT
Outcome in AKI
RRT in In Born Error of Metabolism

Pediatric Nephrology and Critical Care Conference, New Delhi, India, December 15-18, 2012.

Infant AKI: Non RRT and RRT therapies
AKI and CRRT in Children

2011

Pediatric Critical Care Conference in Lisbon, Portugal, January 14, 2011.

Use of CRRT in Pediatrics

Pediatric Critical Care Conference, Kings College, London, UK, July 14-16, 2011. Acute Kidney Injury-New definitions for renal failure & Evidence Based Approaches to Acute Renal Replacement therapies.

Hyperammonemia - Renal Replacement Therapy- What and when to use?

1. Practical Aspect of CRRT
2. Dialysis in Inborn error of metabolism
3. Nutrition Requirements in Pediatric AKI

Turkey Pediatric Critical Care Conference, Istanbul, Turkey and Ankara Turkey, Sept 12-15, 2011. Lectures on:

AKI
Acute Dialysis
Vascular access

- 2010 PCRRT (Pediatric Continuous Renal Replacement Therapy) 6th International Conference in Rome, Italy, April 8th-10, 2010.
- PICs (Pediatric Intensive Care course) Manchester, UK, September 15 and 16, 2010.
- Advances in Pediatric CRRT
 CRRT in Sepsis
 CRRT use in Stem Cell Transplantation
 Unique issues of Pediatric CRRT
 Use of Renal Replacement Therapy for Inborn Error of Metabolism
 Optimal Choice of Renal Replacement Therapy for Children
- 2009 9th European Postgraduate Course in Neonatal and Pediatric Intensive Care Medicine, EACCME, Berne, Switzerland, March 17-22, 2009.
 “AKI in Children,” “RRT Choices in Children,” and “Renal Transplantation in Children.”
- “AKI in Children,” “CRRT in Children,” and RRT in Inborn Error of Metabolism.” Chilean Critical Care Congress Conference, Chile, South America, April 1-4, 2009.
- “Urinary Biomarkers in Neonates” and Rasburicase for Treatment of AKI”, speaker for Ipokrates Clinical Seminar at La Nef Theatre in Dijon, France, Sept. 24th- 26th, 2009.
- 2008 “Metabolic Emergencies: Why Nephrologists Are Needed In Metabolic Medicine,” Pediatric Nephrology and Urology Course, London, United Kingdom, February 25-28, 2008.
- 2007 “ARF in Sepsis,” “ARF in Children,” and “ARF in non-renal transplantation and HIV.” 2007 World Congress of Nephrology, Rio de Janeiro, Brazil, April 21-25, 2007.
- “Renal Replacement Therapies,” “ARF Treatment Strategies,” and “CRRT in Inborn Errors of Metabolism Case Discussion,” 4th National Pediatric Emergency Medicine and Intensive Care Congress, Ankara, Turkey, May 21-26, 2007
- Chair, “Renal Replacement,” International Pediatric Nephrology Association Congress, Budapest, Hungary, August 31- September 4, 2007
- “Citrate (CVVH),” “Nutrition in Pediatric ARF,” and “Pediatrics: RRT in the USA,” and chair session entitled: “Acid Bases,” 3rd Australasian Symposium on Critical Care Nephrology, Melbourne, Australia, November 28-30, 2007.

- 2006 “Pediatric Acute Renal Failure: Etiology, treatment and outcome,” 5th International Conference of the Russian Scientific Society of Specialists in Extracorporeal Blood Purification, Moscow, Russia, May 25-26, 2006.
- “Dialytic Therapies in Pediatric ARF,” “Plasma Therapy and Plasmapheresis,” and “Neonatal ARF,” Congress of the Chilean Society of Nephrology, Hypertension, and Transplantation, Valdivia, Chile, October 4-5, 2006.
- “Renal Transplantation in a Child with a Urological Disorder,” “Practical Aspects of Hemodialysis in Infants and Young Children,” and “Basics of CVVH in Critically Ill Children: A Workshop,” 18th Annual Conference of the Indian Pediatric Nephrology Group, Mumbai, India, December 1-3, 2006.
- 2005 “Risks and Benefits of PD for ARF” and “Techniques for hemofiltration, from prescription to outcome.” 7th Annual Congress of the Latin American Association of Pediatric Nephrologists, San Jose, Costa Rica, November 5-8, 2005.
- “Pediatric Dialysis Dose in ARF,” “Extra Renal Therapies in Intensive Care.” Nice, France, November 24-25, 2005
- 2004 Course Director and Founder, 3rd International Conference on Pediatric Continuous Renal Replacement Therapy, Orlando, FL, June 24-26, 2004.
- “Aspects of Pediatric CRRT” and “Hyperammonemia in the Newborn.” International Pediatric Nephrology Association Conference, Adelaide, Australia, August 27-September 1, 2004.
- “Medical Error and CRRT” and “A Workshop: Managing and Preventing Complications of CRRT,” “Initiating and Maintaining a CRRT Program.” Sunnybrook and Women’s College Health Science Center, Toronto, Canada, October 3, 2004.
- 2003 “Pediatric CRRT,” ISN ARF Symposium.” Gent, Belgium, June 13-16, 2003.
- 2002 “Billing for Renal Replacement Therapy.” National Renal Administrators Association, Cancun, Mexico, May 4, 2002.
- Course Director and Founder, 2nd International Conference on Pediatric Continuous Renal Replacement Therapy, Orlando, FL, June 2002.
- “Pediatric Hemofiltration.” European Society of Pediatric Nephrology (ESPN), Bilbao, Spain, September 21, 2002.

“Rationale for renal replacement therapy in the ICU.” 7th International Meeting on Pediatric Emergency and Pediatric Intensive Care, Padua, Italy October 17-20, 2002.

“Rapamycin Use in Pediatric Transplantation.” Pediatric Transplantation, Hinterzarten, Black Forest, Germany, November 22-24, 2002.

- 2001 “Pediatric Hemofiltration: Citrate Anticoagulation and Normocarb® Dialysis Solution” and “Pediatric Hemofiltration Outcomes.” Pediatric Nephrology Conference, The Hospital for Sick Children, Toronto, Canada, May 1, 2001.
- “Pediatric Hemofiltration: Indication to Outcome.” Pediatric Nephrology and Critical Care Grand Rounds, Children’s Hospital for Eastern Ontario, Ottawa, Canada, May 2, 2001.
- “Hemofiltration Solutions in CRRT.” International Symposium on Critical Care Nephrology, Melbourne, Australia, November 2-3, 2001.
- 2000 Course Director and Founder, 1st International Conference on Pediatric Continuous Renal Replacement Therapy, Orlando, FL, June 2000.
- 1999 “Pediatric Transplantation: Induction Protocols and Special Needs for Pediatrics.” The Hospital for Sick Children, Toronto, Ontario, Canada, February 24, 1999.
- “Pediatric Hemofiltration: From Inception to Outcome” and “Pediatric Transplantation: Immunosuppression to Compliance.” St. Justine Hospital, Montreal, Quebec, Canada, February 25, 1999.
- “Pediatric Hemofiltration: From Inception to Outcome.” Montreal Children’s Hospital, Montreal, Quebec, Canada, February 25, 1999.
- 1998 “Compliance in Pediatric Transplantation.” World Congress of Transplantation, Montreal, Quebec Canada, July 17, 1998.
- “Pediatric Nephrotic Syndrome,” “Pediatric Renal Transplantation” and “Pediatric Dialysis Workshop.” 10th International Congress of the Egyptian Medical Syndicate, Cairo, Egypt, December 10-13, 1998.
- 1996 “Acute Renal Failure.” University Hospital, Port au Prince, Haiti, June 30, 1996.
- 1995 “Ethics in Infant Dialysis” and “Access in Infant Acute Renal Failure.” International Society for Peritoneal Dialysis, Stockholm, Sweden, June 1995.

Teaching, Advising and Mentoring

Formal pediatric nephrology teaching is done while on service 2-3 times per week. Topics are based upon inpatient population and requests of housestaff and students. Bedside teaching is done daily while on rounds and daily in the outpatient clinics.

Per rotation and assigned teaching times given to our division by the chief residents, I give 4-6 teaching sessions per year at the noon sessions.

In 2011, I was nominated for Outstanding Teacher by the Pediatric Housestaff.

My teaching scores by the HO were in the upper 50th percentile for my first year at VCU.

Mentoring:

1. 2012, Gary Beasley, MD. HO at VCU: Studies in Hypertension in Children.
2. 2012, Cristin Wendel, MD. HO at VCU: Studies in Renal Disease in Children.
3. 2012-2013, Sahar Siddiqui, MD. HO at VCU. Studies on AKI in the PICU (with Dr. Daniels).
4. 2014-2015, Mike Rusach. Work on Zosyn and Vancomycin as nephrotoxins. To be presented at the American Society of Nephrology meeting in 2015.

SERVICE ACTIVITIES

➤ CLINICAL SERVICE

1. Outpatient Activities-

- a. Outpatient offices 3-5 ½ days per week with locations at MCV campus, Fredericksburg, Chronic Dialysis Unit at MCV and Mechanicsville RAI, PD Clinic. Nephrology does combine with doctor non-specific clinics. This includes overseeing peritoneal dialysis and hemodialysis and general nephrology clinics. The duty of these clinics is to help direct the care of the patients, and oversee the teachings and procedures by the fellows, medical students, and residents.
- b. Director of Pediatric Solid Organ Transplants Program - seeing patients in liver transplant clinic, cardiac transplant clinic and renal transplant clinic.

2. Inpatient Activities-

- a. One-third of inpatient care shared with my associates with care of primary nephrology patients as well as consultative care. 1993-present General Nephrology attending for 3-5 months per year. This includes inpatient coverage of children with renal disease in the Pediatric Intensive Care Unit, Neonatal Intensive Care Unit,

Bone Marrow Transplant Unit, Cardiac Intensive Care Unit, General Nephrology Ward, and consultations outside of the above mentioned units. This duty also includes overseeing and directing the care of the patients, and educating the fellows, medical students, and residents. The procedures done during this time would include all dialysis techniques, including acute and chronic peritoneal dialysis, acute and chronic hemodialysis, and acute hemofiltration. Additional 10 lectures per month are given by our division to the HO on the Nephrology team. Additionally 3-4 times per month I will take the medical students separately for teaching sessions

➤ SERVICE TO THE COMMUNITY

2013 Mitochondrial Patient and Parent Support Group
Talk on Autonomic Dysfunction: Kidney and Blood Pressure Involvement in Mitochondrial Disease States.
CHOR Brook Roads Campus, April 16, 2013.

2012-present

VA Chapter of NKF board member
VA Chapter of Lupus Foundation board member

1992, 1993, 1995, 2006, 2007, 2008, 2009

Camp physician for the National Kidney Foundation
Dialysis and Transplantation Summer Camp

➤ SERVICE TO THE SCHOOL OF MEDICINE

UNIVERSITY ACTIVITIES:

VCU University

2020 Chair Dept. of Pediatric Promotion committee
Member Dept of Pediatrics Promotion committee (3 separate candidates)
Member Dept. of Surgery Promotion committee (3 separate candidates)
Member Dept. of Internal Medicine Promotion committee

2019 Member Dept. of Surgery Promotion committee (4 separate candidates)
Member Dept. of Internal Medicine Promotion committee
Member Dept of OB/GYN promotion committee
Member Dept of Emergency Medicine promotion committee

- 2018 Chair Dept. of Pediatric Promotion committee
Member Dept. of Surgery Promotion committee
Member Dept. of Internal Medicine
- 2017 Member of Promotion committee for 4 separate candidates in the Department of Surgery

Member of Promotion committee for Internal Medicine Nephrology

Chairman of Pediatric Promotion committee for Pediatric Hematology Oncology
- 2016 Member of Promotion committee for 3 separate candidates in the Department of Surgery
- 2016-2017 Chair Search committee for Pediatric Hepatology search
Chair Search committee for Pediatric endocrinology (2 positions)
- 2015 Member of Promotion committee for 6 separate candidates, 5 in the Department of Surgery and one in the Department of Pediatrics

Search committee member for Pediatric Cardiology member
Chair Search committee for Pediatric Hepatology search
Chair Search committee for Pediatric Endocrinology (2 positions)
- 2014 Search Committee member for potential applicants for Pediatric Rheumatology

Chair Search committee for Pediatric Hepatology search
- 2013 Chair Search Committee for Endowed Chair and potential applicants for Pediatric Gastroenterology
- 2012 Member of promotion committee for Dr. Dan Carl, Internal Medicine, Nephrology
- 2012-Present Review committee for the Internal Medicine Nephrology Fellowship program by the ACGME

Access and Management Committee

Department of Pediatric Committees

Children's Hospital of Richmond @ VCU

2011-present Involved with clinic organization as well as out reach

2017-present Thru put Committee
Volunteered to support inpatient patient bed assignment

Michigan State University

2009-2010 Helen DeVos Children's Hospital Research Taskforce Chairman
2006-2009 Pharmacy and Therapeutic Committee
2005-2009 DeVos Children's Hospital Health Care Steering Committee
2004-2008 DeVos Children's Hospital Residency Committee
2003-2010 Spectrum Health Research Grant Review Panel

Michigan State University

2006-2010 Chairman, Michigan State University College of Medicine, Department of Pediatrics and Human Medicine Promotion committee

University of Alabama at Birmingham

2000-2003 Director of Pediatric Nephrology Fellowship Program
2001 Student Promotions and Academic Standing Committee
2000 Subspecialty Medical Education Advisory Committee
Committee on Clinical Outcomes

University of Michigan

1999 Search Committee for Director of Transplantation
1998 CMS Committee
1997-2000 Outreach Clinic Advisory Committee
Medical/Surgical Joint Practice Committee
Policy and Procedures Committee
Transplant Center Executive Committee
Transplant Center Operating Committee
Pediatric Psychologist Search Committee
1996-2000 Departmental Clinical Affairs Committee
1994-2000 Pediatric Directors Advisory Committee
1994-2000 MSP Executive Committee
1994-2000 OTIS (Organ Transplantation Information System), Data Management Committee
1995-1996 Pediatric Intensive Care Joint Practice Committee
1994-1996 Research Advisory Committee
1994-1995 ICU/Moderate Care Bed Committee
1993-1994 Director, Pediatric Nephrology Fellowship Program

➤ **SERVICE TO THE MILITARY**

- none

PUBLICATIONS

➤ PEERS PUBLISHED IN PEER REVIEWED JOURNALS

Manuscripts:

Completed publications in scientific journals and peer reviewed publications

1. **Bunchman TE**, Wood EG, Lynch RE: Hydrothorax as a complication of pediatric peritoneal dialysis. *Perit Dial Bulletin* 1987; 7:237-239.
2. **Bunchman TE**, Mauer SM, Sibley RK, Vernier RL: Anaphylactoid purpura: characteristics of 16 patients who progressed to renal failure. *Pediatr Nephrol* 1988; 2:383-388.
3. **Bunchman TE**, Nevins TE, Mauer SM, Chavers BM: Viral complications of OKT3 monoclonal antibody therapy in children undergoing renal transplantation. *Transplant Proc* 1989; 21:1761-1762.
4. Wood EG, **Bunchman TE**, Khurana R, Fleming SS, Lynch RE: Complications of nasogastric and gastrostomy tube feedings in children with end stage renal disease. *Adv Perit Dial* 1990; 6:262-264.
5. **Bunchman TE**, Maurer SM, Kim Y: Effect of cyclosporin on generalized Shwartzman reaction in diabetic rats. *Diabetes* 1990; 39:83-86.
6. **Bunchman TE**, Sinaiko AR: Renovascular hypertension presenting with hypokalemic metabolic alkalosis. *Pediatr Nephrol* 1990; 4:160-170.
7. Drake DG, Day DL, Letourneau JG, Alford BA, Sibley RK, Mauer SM, **Bunchman TE**: Doppler evaluation of renal transplants in children: a prospective analysis with histopathologic correlation. *Am J Roentgenol* 1990; 154:785-787.
8. **Bunchman TE**, Fryd DS, Sibley RK, Mauer SM: Manifestations of renal allograft rejection in small children receiving adult kidneys. *Pediatr Nephrol* 1990; 4:255-258.
9. Wells TH, **Bunchman TE**, Kearns GL: Treatment of neonatal hypertension with enalaprilat. *J Pediatr* 1990; 117:664-667.
10. **Bunchman TE**, Ballal SH: Treatment of inflow pain by pH adjustment of dialysate in peritoneal dialysis. *Perit Dial Int* 1991; 11:179-180.
11. Wood EG, Lynch RE, Fleming SS, **Bunchman TE**: Ultrafiltration using low volume peritoneal dialysis in critically ill infants and children. *Adv Perit Dial* 1991; 7:266-268.
12. **Bunchman TE**, Walker HS, Joyce PF, Danter ME, Silberstein MJ: Sonographic evaluation of renal artery aneurysm in childhood. *Pediatr Radiol* 1991; 21:312-313.
13. **Bunchman TE**, Wood EG, Schenck MH, Weaver KA, Klein BL, Lynch RE: Pretreatment of formula with sodium polystyrene sulfonate to reduce dietary potassium intake. *Pediatr Nephrol* 1991; 5:29-32.
14. **Bunchman TE**, Brookshire CA: Cyclosporine inhibition of adherence proteins and factor VIII of vascular endothelium. *Transplant Proc* 1991; 23:332-333.
15. **Bunchman TE**, Brookshire CA: Smooth muscle cell proliferation by conditioned media from cyclosporine-treated endothelial cells: a role in endothelin. *Transplant Proc* 1991; 23:967-968.

16. Appleton RS, Miller LW, Nouri S, Pennington G, **Bunchman TE**: Endomyocardial biopsies in pediatric patients with no irradiation. Use of internal jugular venous approach and echocardiographic guidance. *Transplantation* 1991; 51:309-311.
17. Lane PH, Schanper HW, Vernier RL, **Bunchman TE**: Steroid-dependent nephrotic syndrome following renal transplantation for congenital nephrotic syndrome. *Pediatr Nephrol* 1991; 5:300-303.
18. **Bunchman TE**, Brookshire CA: Cyclosporine-induced synthesis of endothelin by cultured human endothelial cells. *J Clin Invest* 1991; 88:310-314.
19. Wood EG, **Bunchman TE**, Lynch RE: Captopril-induced reversible acute renal failure in an infant with coarctation of the aorta. *Pediatrics* 1991; 88:816-818.
20. **Bunchman TE**, Meldrum MK, Meliones JE, Sedman AB, Walter MB, Kershaw DB: Pulmonary function variation in ventilator dependent critically ill infants on peritoneal dialysis. *Adv Perit Dial* 1992; 8:75-78.
21. Kane RE, **Bunchman TE**, Vogler C, Brems JJ: Treatment of a B-cell lymphoproliferative disorder in a liver transplant patient with interferon alpha and gamma-globulin: a case report. *Clin Transplant* 1992; 6:154-158.
22. **Bunchman TE**, Lynch RE, Wood EG: Intravenously administered Labetalol for treatment of hypertension in children. *J Pediatr* 1992; 120:140-144.
23. **Bunchman TE**, Gale GB, O'Connor DM, Salinas-Madrigal L, Chu JY: Renal biopsy diagnosis of acute lymphocytic leukemia. *Clin Nephrol* 1992; 38:142-144.
24. **Bunchman TE**, Bloom JN: A syndrome of acute interstitial nephritis and anterior uveitis. *Pediatr Nephrol* 1993; 7:520-522.
25. Kershaw DB, Sedman AB, Kelsch RC, **Bunchman TE**: Recurrent focal segmental glomerulosclerosis in pediatric renal transplant recipients: Successful treatment with oral cyclophosphamide. *Clin Transplant* 1994; 8:546-549.
26. Valentini RP, Mudge NA, **Bunchman TE**: Dialysis modality comparison of insulin-like growth factor binding protein-3 removal in children: Could this have a potential growth benefit? *Adv Perit Dial* 1994; 10:327-330.
27. **Bunchman TE**, Gardner JJ, Kershaw DB, Maxvold NJ: Vascular access for hemodialysis or CVVH(D) in infants and children. *Dial Transplant* 1994; 23:314-317.
28. **Bunchman TE**, Swartz RD: Oxalate removal in type I hyperoxaluria or acquired oxalosis using HD and equilibration PD. *Perit Dial Int* 1994; 14:81-84.
29. Ham JM, **Bunchman TE**, Campbell DA Jr, Kershaw DB, Punch JD, Sedman AB, Turcotte JG, Merion RM: Cytomegalovirus and Epstein-Barr virus acquired immunity after Sandoglobulin prophylaxis in the pediatric renal transplant population. *Transplant Proc* 1994; 26:20-21.
30. **Bunchman TE**, Ham JM, Sedman AB, Kershaw DB, Turcotte JG, Campbell DA Jr, Punch JD, Merion RM: Superior allograft survival in pediatric renal transplant recipients. *Transplant Proc* 1994; 26:24-25.
31. Donckerwolcke RA, **Bunchman TE**: Hemodialysis in infants and small children. *Pediatr Nephrol* 1994; 8:103-106. Review.
32. **Bunchman TE**, Donckerwolcke RA: Continuous arterial-venous diahemofiltration and continuous veno-venous diahemofiltration in infants and children. *Pediatr Nephrol* 1994; 8:96-102.

33. Akinbola OA, Custer JR, **Bunchman TE**, Sedman AB: Management of severe anemia without transfusion in a pediatric Jehovah's Witness patient. *Crit Care Med* 1994; 22:527-528.
34. Smoyer WE, Sherbotie JR, Gardner JJ, **Bunchman TE**: A practical approach to continuous hemofiltration in infants and children. *Dial Transplant* 1995; 24:633-640.
35. **Bunchman TE**, Maxvold NJ, Kershaw DB, Sedman AB, Custer JR: Continuous venovenous hemodiafiltration in infants and children. *Am J Kidney Dis* 1995; 25:17-21.
36. **Bunchman TE**: Flow cytometry: Its use in pediatric renal transplantation utilizing polyclonal induction. *Cytometry* 1995; 22:16-21.
37. Sedman AB, Kershaw DB, **Bunchman TE**: Recognition and management of angiotensin converting enzyme inhibitor fetopathy. *Pediatr Nephrol* 1995; 9:382-385.
38. **Bunchman TE**: Acute peritoneal dialysis in infant renal failure. *Perit Dial Int* 1996; 16 Suppl 1:S509-511.
39. Gregory MJ, Smoyer WE, Sedman A, Kershaw DB, Valentini RP, Johnson K, **Bunchman TE**: Long-term cyclosporin therapy for pediatric nephrotic syndrome: A clinical and histologic analysis. *J Am Soc Nephrol* 1996; 7:543-549.
40. **Bunchman TE**, Majors H, Majors G, Gardner JJ, DeVee J, Dennerll EM, Hesford JL, Mitchell CL, Punch JD: The infant with primary hyperoxaluria and oxalosis: From diagnosis to multiorgan transplantation. *Adv Renal Replace Ther* 1996; 3:315-325. Review.
41. Parekh RS, **Bunchman TE**: Dialysis support in the pediatric intensive care unit. *Adv Ren Replace Ther* 1996; 3:326-336. Review.
42. Maxvold NJ, Smoyer WE, Gardner JJ, **Bunchman TE**: Management of acute renal failure in the pediatric patient: Hemofiltration versus hemodialysis. *Am J Kidney Dis* 1997; 30 Suppl 4:S84-88.
43. **Bunchman TE**, Parekh RS, Kershaw DB, Smoyer WE, Flynn JT, Valentini RP, Sedman AB: Beneficial effect of Sandoglobulin upon allograft survival in the pediatric renal transplant recipient. *Clin Transplant* 1997; 11:607-607.
44. Parekh RS, Smoyer WE, **Bunchman TE**: Diagnosis and management of primary hyperoxaluria type 1 in infancy. *Pediatr Transplant* 1997; 1:48-54.
45. Valentini RP, Smoyer WE, Sedman AB, Kershaw DB, Gregory MJ, **Bunchman TE**: Outcome of antineutrophil cytoplasmic autoantibodies-positive glomerulonephritis and vasculitis in children: A single-center experience. *J Pediatr* 1998; 132:325-328.
46. **Bunchman TE**, Parekh RS, Flynn JT, Smoyer WE, Kershaw DB, Valentini RP, Pontillo BJ, Sandvordenker J, Brown C, Sedman AB: Neoral induction in pediatric renal transplantation. *Pediatr Nephrol* 1998; 12:2-5.
47. O'brien KL, Selanikio JD, Ilecdivert C, Placide MH, Louis M, Barr DB, Barr JR, Ilospedales CJ, Lewis MJ, Schwartz B, Philen RM, St. Victor S, Epsindola J, Needham LL, Denerville K, Parekh, R, **Bunchman TE**: The Acute Renal Failure Investigation Team: Epidemic of pediatric deaths from acute renal failure caused by diethylene glycol poisoning. *JAMA* 1998; 279:1175-1180.
48. Smoyer WE, Gregory MJ, Bajwa RS, Johnson KJ, **Bunchman TE**: Quantitative morphometry of renal biopsies prior to cyclosporine in nephrotic syndrome. *Pediatr Nephrol* 1998; 12:737-743.

49. Flynn JT, Kershaw DB, Sedman AB, Smoyer WE, **Bunchman TE**: Improvement of glycemic control by CAPD with intraperitoneal insulin in a child with IDDM and ESRD. *Adv Perit Dial* 1998; 14:265-268.
50. Davis JD, **Bunchman TE**, Grimm PC, Benfield MR, Briscoe DM, Harmon WE, Alexander SR, Avner ED: Pediatric renal transplantation: Indications and special consideration. A position paper from the Pediatric Committee of the American Society of Transplant Physicians. *Pediatr Transplant* 1998; 2:117-129. Review.
51. Menster M, **Bunchman TE**: Nephrology in the pediatric intensive care unit. *Semin Nephrol* 1998; 18:330-340.
52. Koo HP, **Bunchman TE**, Flynn JT, Punch JD, Schwartz AC, Bloom DA: Renal transplantation in children with severe lower urinary tract dysfunction. *J Urol* 1999; 161:24-25.
53. **Bunchman TE**: Compliance in pediatric solid organ transplantation. *Transplant Proc* 1999; 31:1099.
54. **Bunchman TE**, Valentini RP, Gardner JJ, Mottes T, Kudelka T, Maxvold NJ: Treatment of vancomycin overdose using high-efficiency dialysis membranes. *Pediatr Nephrol* 1999; 13:773-774.
55. Flynn JT, Frisch K, Kershaw DB, Sedman AB, **Bunchman TE**: Response to early measles-mumps-rubella vaccination in infants with chronic renal failure and/or receiving peritoneal dialysis. *Adv Perit Dial* 1999; 15:269-272.
56. Brophy PD, Tenebein M, Gardner JJ, **Bunchman TE**, Smoyer WE: Childhood diethylene glycol poisoning treated with alcohol dehydrogenase inhibitor Fomepizole and hemodialysis. *Am J Kidney Dis* 2000; 35:958-962.
57. Maxvold NJ, Smoyer WE, Custer JR, **Bunchman TE**: Amino acid loss and nitrogen balance in critically ill children with acute renal failure: A prospective comparison between classic hemofiltration and hemofiltration with dialysis. *Crit Care Med* 2000; 28:1161-1165.
58. Schuerer DH, Brophy PD, Maxvold NJ, Kudelka T, **Bunchman TE**: High-efficiency dialysis for Carbamazepine overdose. *J Toxicol Clin Toxicol* 2000; 38:321-323.
59. **Bunchman TE**: Compliance in pediatric transplant. *Pediatr Transplant* 2000; 4:165-169.
60. Flynn JT, Smoyer WE, **Bunchman TE**: Treatment of hypertensive children with Amlodipine. *Am J Hypertens* 2000; 13:1061-1066.
61. Warady BA, **Bunchman TE**: Dialysis therapy for children with acute renal failure: Survey results. *Pediatr Nephrol* 2000; 15:11-13.
62. Meyer RJ, Flynn JT, Brophy PD, Smoyer WE, Kershaw DB, Custer JR, **Bunchman TE**: Hemodialysis followed by continuous hemofiltration for treatment of lithium intoxication in children. *Am J Kidney Dis* 2001; 37:1044-1047.
63. Flynn JT, Smoyer WE, **Bunchman TE**, Kershaw DB, Sedman AB: Treatment of Henoch-Schönlein-Purpura glomerulonephritis in children with high-dose corticosteroids plus oral cyclophosphamide. *Am J Nephrol* 2001; 21:128-133.
64. Brophy PD, Thomas SE, McBryde KD, **Bunchman TE**: Comparison of polyclonal induction agents in pediatric renal transplantation. *Pediatr Transplant* 2001; 5:174-178.

65. Brophy PD, Mottes TA, Kudelka TL, McBryde KD, Gardner JJ, Maxvold NJ, **Bunchman TE**: AN-69 membrane reactions are pH-dependent and preventable. *Am J Kidney Dis* 2001; 38:173-178.
66. Flynn JT, Mottes TA, Brophy PD, Kershaw DB, Smoyer WE, **Bunchman TE**: Intravenous Nicardipine for treatment of severe hypertension in children. *J Pediatr* 2001; 38:173-178.
67. Flynn JT, Kershaw DB, Smoyer WE, Brophy PD, McBryde KD, **Bunchman TE**,: Peritoneal dialysis for management of pediatric acute renal failure. *Perit Dial Int* 2001; 21:390-394.
68. Parekh RS, Flynn JT, Smoyer WE, Milne JL, Kershaw DB, **Bunchman TE**, Sedman AB: Improved growth in young children with severe chronic renal insufficiency who use specified nutritional therapy. *J Am Soc Nephrol* 2001; 12:2418-2426.
69. Flynn JT, **Bunchman TE**, Sherbotie JR: Indications, results, and complication of Tacrolimus conversion in pediatric renal transplantation. *Pediatr Transplant* 2001; 5:439-446.
70. Meyer RJ, Brophy PD, **Bunchman TE**, Annich GM, Maxvold NJ, Mottes TA, Custer JR: Survival and renal function in pediatric patients following extracorporeal life support with hemofiltration. *Pediatr Crit Care Med* 2001; 2:238-242.
71. **Bunchman TE**, Navarro M, Broyer M, Sherbotie J, Chavers B, Tonshoff B, Birk P, Lerner G, Lirenman D, Greenbaum L, Walker R, Zimmerhackl B, Blowey D, Clark G, Ettenger R, Arterburn S, Klamerus K, Fong A, Tanh H, Thomas S, Ramos E: The use of mycophenolate mofetil suspension in pediatric renal allograft recipients. *Pediatr Nephrol* 2001; 16:978-984.
72. **Bunchman TE**, McBryde KD, Mottes TE, Gardner JJ, Maxvold NJ, Brophy PD: Pediatric acute renal failure: outcome by modality and disease. *Pediatr Nephrol* 2001; 16:1067-1071.
73. **Bunchman TE**, Maxvold NJ, Barnett J, Hutchings A, Benfield MR: Pediatric hemofiltration: Normocarb® dialysate solution with citrate anticoagulation. *Pediatr Nephrol* 2002; 17:150-154.
74. Lerner G, Arundhati SK, Warady B, Jabs K, **Bunchman TE**, Heatherington A, Olson K, Messer-Mann L, Maroni B: Pharmacokinetics of darbepoetin alfa in pediatric patients with chronic renal failure. *Pediatr Nephrol* 2002; 17:933-937.
75. Palevsky PM, **Bunchman TE**, Tetta C: The Acute Dialysis Quality Initiative—part V: operational characteristics of CRRT. *Adv Ren Replace Ther* 2002; 9:268-272.
76. Symons JM, Brophy PD, Gregory MJ, McAfee N, Somers MJ, **Bunchman TE**, Goldstein SL: Continuous renal replacement therapy in children up to 10 kg. *Am J Kidney Dis* 2003; 41:984-989.
77. Maxvold NJ, **Bunchman TE**: Renal failure and renal replacement therapy. *Crit Care Clin* 2003; 19:563-575.
78. Barletta GM, Smoyer WE, **Bunchman TE**, Flynn JT, Kershaw DB: Use of mycophenolate mofetil in steroid-dependent and –resistant nephrotic syndrome. *Pediatr Nephrol* 2003; 18:833-837.
79. **Bunchman TE**, Maxvold NJ, Brophy PD: Pediatric convective hemofiltration (CVVH): Normocarb replacement fluid and citrate anticoagulation. *Am J Kidney Dis* 2003; 42:1248-1252.

80. **Bunchman TE**, Gast TR, Raab LA, Gardner JJ: Contrasting pediatric to adult chronic renal failure. *Southwest Mich Med J* 2004; Vol. 1.
81. Goldstein SL, Somers MJG, Brophy PD, **Bunchman TE**, Baum M, Blowey D, Mahan JD, Flores FX, Fortenberry JD, Chua A, Alexander SR, Hackbarth R, Symons JM: The prospective pediatric continuous renal replacement therapy (ppCRRT) registry: Design, development and data assessed. *Int J Artif Organs* 2004; 27:9-14. Review.
82. Barletta GM, **Bunchman TE**: Acute renal failure in children and infants. *Curr Opin Crit Care* 2004; 10:499-504.
83. McBryde KD, **Bunchman TE**, Kudelka FL, Pasko DA, Brophy PD: Hyperosmolar solutions in continuous renal replacement therapy for hyperosmolar acute renal failure: A preliminary report. *Pediatr Crit Care Med* 2005; 6:220-225.
84. Goldstein SL, Somers MJ, Baum MA, Symons JM, Brophy PD, Blowey D, **Bunchman TE**, Baker C, Mottes T McAfee N, Barnett J, Morrison G, Rogers K, Fortenberry JD: Pediatric patients with multi-organ dysfunction syndrome receiving continuous renal replacement therapy. *Kidney Int* 2005; 67:653-658.
85. Nguyen TC, Stegmayr B, Busund R, **Bunchman TE**, Carcillo JA: Plasma therapies in thrombotic syndromes. *Int J Artif Organs* 2005; 28:459-465.
86. Brophy PD, Somers MJ, Baum MA, Symons JM, McAfee N, Fortenberry JD, Rogers K, Barnett J, Blowey D, Baker C, **Bunchman TE**, Goldstein SL: Multi-centre evaluation of anticoagulation in patients receiving continuous renal replacement therapy (CRRT). *Nephrol Dial Transplant* 2005; 20:1416-21.
87. McBryde KD, **Bunchman TE**, Kudelka TL, Paske DA, Brophy PD: Hyperosmolar solutions in continuous renal replacement therapy for hyperosmolar acute renal failure: a preliminary report. *Pediatr Crit Care Med* 2005; 6:220-225.
88. Hackbarth R, Eding D, Gianoli Smith C, Koch A, Sanfilippo D, **Bunchman T**: Zero balance ultrafiltration (Z-BUF) in blood primed CRRT circuits achieves electrolyte and acid-base homeostasis prior to patient connection. *Pediatr Nephrol* 2005; 20:1328-1333.
89. Höcker B, Weber LT, **Bunchman TE**, Rashford M, Tönshoff B: Mycophenolate mofetil suspension in pediatric renal transplantation: three-year data from the tricontinental trial. *Pediatr Transplantation* 2005; 9:504-511.
90. Barletta GM, **Bunchman TE**: Pediatric lupus erythematosus: The great mimicker. *Southwest Michigan Medical Journal* 2006; 3:6-10.
91. Barletta JF, Barletta GM, Brophy PD, Maxvold NJ, Hackbarth RM, **Bunchman TE**: Medication errors and patient complications with continuous renal replacement therapy. *Pediatr Nephrology* 2006; 21:842-845.
92. McBryde KD, Kershaw DB, **Bunchman TE**, Maxvold NJ, Mottes TA, Kudelka TL, Brophy PD: Renal replacement therapy in the treatment of confirmed or suspected inborn errors of metabolism. *J Pediatr* 2006; 148:770-778.
93. Goldstein SL, Hackbarth R, **Bunchman TE**, Blowey D, Brophy PD: Evaluation of the PRISMA M10* Circuit in Critically Ill Infants with Acute Kidney Injury: A Report from the Prospective Pediatric CRRT Registry Group. *Int J Artif Organs* 2006; 29:1105-8.

94. **Bunchman TE**, Barletta GM, Winters JW, Gardner JJ, Crumb TL, McBryde KD: Phenylacetate and benzoate clearance in a hyperammonemic infant on sequential hemodialysis and hemofiltration. *Pediatr Nephrol* 2007; 22:1062-5.
95. Barletta JF, McAllen KJ, Hage MJ, Steele B, **Bunchman TE**, Barletta GM: Resource utilization and total costs of commercially available versus manually compounded solutions used for dialysate in continuous renal replacement therapy. *Hosp Pharm* 2008; 43(1):29-34.
96. Symons JM, Chua AN, Somers MJG, Baum MA, **Bunchman TE**, Benfield MD, Brophy PD, Blowey D, Fortenberry JD, Chand D, Flores FX, Hackbarth R, Alexander SR, Mahan J, McBryde KD, Goldstein SL: Demographics Characteristics of Pediatric Continuous Renal Replacement Therapy: A Report of the Prospective Pediatric Continuous Renal Replacement Therapy Registry. *Clin J Am Soc Nephrol* 2007; 2:732-8.
97. **Bunchman TE**, Hackbarth RM, Maxvold NJ, Winters JW, Barletta GM: Prevention of dialysis disequilibrium by use of CVVH. *Int J Artif Organs* 2007; 30:441-4.
98. Hackbarth R, **Bunchman TE**, Chua AN, Somers MJ, Baum M, Symons JM, Brophy PD, Blowey D, Fortenberry JD, Chand D, Flores FX, Alexander SR, Mahan JD, McBryde KD, Benfield MR, Goldstein SL: The effect of vascular access location and size on circuit survival in pediatric continuous renal replacement therapy: a report from the PCRRT registry. *Int J Artif Organs*. 2007 Dec; 30(12):1116-21.
99. Flores FX, Brophy PD, Symons JM, Fortenberry JD, Chua AN, Alexander SR, Mahan JD, **Bunchman TE**, Blowey D, Somers MJG, Baum M, Hackbarth R, Chand D, McBryde KD, Benfield M, Goldstein SL: CRRT after stem cell transplantation: A report from the Prospective Pediatric CRRT Registry Group. *Pediatr Nephrology* 2008; Apr 23:625-30.
100. Gibney N, Hoste E, Burdmann EA, **Bunchman TE**, Kher V, Viswanathan R, Mehta RL, Ronco C: Timing of initiation and discontinuation of renal replacement therapy in AKI: unanswered key questions. *Clin J Am Soc Nephrol*. 2008 May; 3(3):876-80. Epub 2008 Mar 5.
101. Zappitelli M, Symons JM, Somers MJG, Baum M, Brophy PD, Blowey D, Fortenberry J, Chua AN, Alexander SR, Mahan J, Hackbarth R, Chand D, McBryde K, Goldstein SL, **Bunchman TE**: Protein and caloric intake prescription of children receiving continuous renal replacement therapy: a report from the prospective pediatric continuous renal replacement therapy registry group. *Pediatr Crit Care Med* 2008 Dec;36(12):3239-45.
102. **Bunchman TE**: Chronic kidney disease in pediatric. *International Journal on Disability and Human Development* March 2008;7(3):329-332
103. **Bunchman TE**, Brophy PD, Goldstein SL. Technical considerations for renal replacement therapy in children. *Semin Nephrol* 2008 Sep;28(5):488-92. Review
104. **Bunchman TE**: Treatment of acute kidney injury in children: from conservative management to renal replacement therapy. *Nat Clin Pract Nephrol*. 2008 Sep;4(9):510-4. Review
105. Barletta GM, Kirk E, Gardner JJ, Rodriguez JF, Bursach SM, **Bunchman TE**: Rapid discontinuation of corticosteroids in pediatric renal transplantation. *Pediatric Transplantation*, Aug. 2009, 13:571-8.

106. Hobbs, DJ, Rajpal JS, Rajpal MN, Weismantel DP, Barletta GM, **Bunchman TE**: Severe pediatric Systemic Lupus Erythematosus (SLE) nephritis – a single center experience. *Nephrology Dialysis Transplantation*, September 2009, 10.1093.
107. Hobbs DJ, Barletta GM, Mowry JA, **Bunchman TE**. Renovascular hypertension and intrarenal artery aneurysms in a preschool child. *Pediatric Radiology*, 2009 Sept;39(9):988-90.
108. Hobbs DJ, Gast TR, Ferguson K, **Bunchman TE**, Barletta GM: Nutrition management of hyperkalemic infants with chronic kidney disease using adult renal formulas. *Journal of Renal Nutrition*, 2009, Oct 22.
109. Hobbs DJ, Chung J, Barletta GM, **Bunchman TE**: Isolated sarcoid granulomatous interstitial nephritis in pediatrics: a case report and review of literature. *Clinical Nephrology*, 2009, Nov;72:410-413.
110. Hobbs DJ, Steinke JM, Chung JY, Barletta GM, **Bunchman TE**. Rasburicase improves hyperuricemia in infants with acute kidney injury. *Pediatric Nephrology*, 2009, Nov 21.
111. Sutherland SM, Zappitelli M, Alexander SR, Chua AN, Brophy PD, **Bunchman TE**, Hackbarth R, Somers MJ, Baum M, Symons JM, Flores FX, Benfield M, Askenazi D, Chand D, Fortenberry JD, Mahan JD, McBryde K, Blowey D, Goldstein SL. Fluid Overload and Mortality in Children Receiving Continuous Renal Replacement Therapy: The Prospective Pediatric Continuous Renal Replacement Therapy Registry. *Am J Kidney Dis*, 2010, Feb;55(2):316-325.
112. Hobbs DJ, **Bunchman TE**, Cole MR, Ferguson K, Gast TR, Barletta GM: Megestrol acetate effectively improves growth in pediatric patients with chronic kidney disease. *J Ren Nutr*. 2010 Apr 28. [Epub ahead of print]
113. van Venrooij, Junewick, JJ, Gelfand SL, Davis AT, Crumb TL, **Bunchman TE**: Sonographic Assessment of Renal Size and Growth in Premature Infants. *Pediatr Radiol*. 2010 Sep;40(9):1505-8.
115. Portilla, D, Shaffer, RN, Okusa MD, Mehrotra R, Molitoris BA, **Bunchman TE**, Ibrahim T. Lessons from Haiti Disaster Relief Clin J Am Soc of Nephrology 2010 Nov;5(11):2122-9.
116. **Bunchman TE** and Ferris ME, Management of toxic ingestions with the use of renal replacement *Pediatr Nephrol* (2011) 26:535–541.
117. Ghannoum M, Nolin T, Lavergne V, Hoffman R. for the EXTRIP workgroup. Blood Purification in Toxicology: Nephrology's Ugly Duckling. *Advances in Chronic Disease*, Vol 18, No 3 (May, 2011: pp 160-166.
118. Geoffrey M Fleming, MD, Scott Walters, M.D., Stuart L. Goldstein, M.D., Steven R. Alexander, M.D., Michelle A. Baum, M.D., Douglas L. Blowey, M.D., **Timothy E. Bunchman, M.D.**, Annabelle N. Chua, M.D., Sarah A. Fletcher, M.S., Francisco X. Flores, M.D., James D. Fortenberry, M.D., Richard Hackbarth, M.D., Kevin McBryde, M.D., Michael J.G. Somers, M.D., Jordan M. Symons, M.D., Patrick D. Brophy, M.D. Non-Renal Indications for CRRT: A Report from the ppCRRT Registry Group *Pediatr Crit Care Med*. 2012 Jul 14

119. Lavergne V, Nolin TD, Hoffman RS, Roberts D, Gosselin S, Goldfarb S, Kielstein JT, Mactier R, Maclaren R, Mowry JB, **Bunchman TE**, Juurlink D, Megarbane B, Anseeuw K, Winchester JF, Dargan PI, Liu KD, Hoegberg LC, Li Y, Calello DP, Burdmann EA, Yates C, Laliberté M, Decker BS, Mello-Da-Silva CA, Lavonas E, Ghannoum M. The EXTRIP (Extracorporeal Treatments In Poisoning) workgroup: guideline methodology. *Clinical Toxicol* 2013 50: 403-13
120. Roberts DM, Mactier R, Mowry JB, Dargan PI, Maclaren R, Hoegberg LC, Laliberté M, Calello D, Kielstein JT, Anseeuw K, Winchester JF, Burdmann EA, **Bunchman TE**, Li Y, Juurlink DN, Lavergne V, Megarbane B, Gosselin S, Liu KD, Hoffman RS. Extracorporeal Treatment for Thallium Poisoning: Recommendations from the EXTRIP Work group *Clin J Am Soc Nephrol*. 2012 Jul 26.
121. Askenazi DJ, Goldstein SL, Koralkar R, Fortenberry J, Baum M, Hackbarth R, Blowey D, **Bunchman TE**, Brophy PD, Symons J, Chua A, Flores F, Somers MJ. Continuous renal replacement therapy for children ≤ 10 kg: a report from the prospective pediatric continuous renal replacement therapy registry. *J Pediatr*. 2013 Mar;162(3):587-592.e3. doi: 10.1016/j.jpeds.2012.08.044. Epub 2012 Oct 24.
122. Goslin BJ, **Bunchman T**, Robertson D, DeCou J. Benefits of transperitoneal approach to bilateral pretransplant laparoscopic nephrectomies in pediatric patients. *J Laparoendosc Adv Surg Tech A*. 2013 Apr;23(4):402-4. doi: 10.1089/lap.2012.0490. Epub 2013 Feb 15.
123. Daniels RC, **Bunchman TE**. Renal complications and therapy in the PICU: hypertension, CKD, AKI, and RRT. *Crit Care Clin*. 2013 Apr; 29(2):279-99.
124. Sethi SK, **Bunchman TE**, Raina R, Kher V. Unique considerations in renal replacement therapy in children; Core curriculum 2014 *Am J Kidney Disease*, 2014 63: 329-45
125. Goonasekera CD, WanG J, **Bunchman TE**, Deep A Factors affecting circuit life during continuous renal replacement therapy in children with liver failure . *Therapeutic Apheresis and Dialysis* 2015 19: 16-22
126. Duffner YJ, Bunchman T, Abdel-Mageed, A Ten year follow-up for a patient postmatched unrelated donor bone marrow transplant followed by same donor kidney transplant: Normal renal function without immunosuppression. *Transplantation* 99; 2015
127. Kaspar, CD, Bholah R, **Bunchman TE** A Review of Pediatric Chronic Kidney Disease *Blood Purif*. 2016;41(1-3):211-7
128. Sethi SK, Maxvold N, **Bunchman T**, Jha P, Kher V, Raina R. Nutritional management in the critical ill child with acute kidney injury; a review *Pediatr Nephrol*. 2017 Apr;32(4):589-601

- 129.** Raina R, Chauvin AM, **Bunchman T**, Askenazi D, Deep A, Ensley MJ, Krishnappa V, Sethi SK. Treatment of AKI in developing and developed countries: An international survey of pediatric dialysis modalities. *PLoS One*. **2017** May 30;12(5):e0178233. doi: 10.1371/journal.pone.0178233. eCollection **2017**.
- 130.** Raina R, Herrera N, Krishnappa V, Sethi SK, Deep A, Kao WM, **Bunchman T**, Abu-Arja R Hematopoietic stem cell transplantation and acute kidney injury in children: A comprehensive review *Pediatr Transplant*. **2017** Jun;21(4). doi: 10.1111/ptr.12935. Review.
- 131.** Kaddourah A, Basu RK, Bagshaw SM, Goldstein SL; AWARE Investigators. Epidemiology of acute kidney injury in critically ill children and young adults. *N Engl J Med*. **2017** Jan 5;376(1):11-20. doi: 10.1056/NEJMoa1611391. Epub 2016 Nov 18.
- 132.** Kaspar CDW, Lo M, **Bunchman TE**, Xiao N. The antenatal urinary tract dilation classification system accurately predicts severity of kidney and urinary tract abnormalities. *J Pediatr Urol*. **2017** Apr 21. pii: S1477-5131(17)30155-9. doi: 10.1016/j.jpuro.2017.03.020.
- 133.** Bholah R , **Bunchman TE** Review of pediatric pheochromocytoma and paraganglioma *Front Pediatr*. 2017 Jul 13;5:155. doi: 10.3389/fped.2017.00155. eCollection 2017. Review.
- 134.** Sinha R, Sethi SK, **Bunchman T**, Lobo V, Raina R. Prolonged intermittent renal replacement therapy in children. *Pediatr Nephrol*. 2017 Jul 18. doi: 10.1007/s00467-017-3732-2.
- 135.** Sugarman J, Anderson J, Baschat AA, Herrera Beutler J, Bienstock JL, **Bunchman TE**, Desai NM, Gates E, Goldberg A, Grimm PC, Henry LM, Jelin EB, Johnson E, Hertenstein CB, Mastroianni AC, Mercurio MR, Neu A, Noguee LM, Polzin WJ, Ralston SJ, Ramus RM, Singleton MK, Somers MJG, Wang KC, Boss R. Ethical Considerations concerning amnioinfusions for treating fetal bilateral renal agenesis *Obstet Gynecol*. 2018 Jan;131(1):130-134. doi: 10.1097/AOG.0000000000002416. Review.
- 136.** Raina R, Vijayaraghavan P, Kapur G, Sethi SK, Krishnappa V, Kumar D, **Bunchman TE**, Bolen SD, Chand D. Hemodialysis in neonates and infants: A systemic review *Semin Dial*. 2018 May;31(3):289-299. doi: 10.1111/sdi.12657. Epub 2017 Nov 5. Review.

- 137.** Valentine SL, Bembea MM, Muszynski JA, Cholette JM, Doctor A, Spinella PC, Steiner ME, Tucci M, Hassan NE, Parker RI, Lacroix J, Argent A, Carson JL, Remy KE, Demaret P, Emeriaud G, Kneyber MO, Guzzetta N, Hall MW, Macrae D, Karam O, Russell RT, Stricker PA, Vogel AM, Tasker RC, Turgeon AF, Schwartz SM, Willems A, Josephson CD, Luban NLC, Lehmann LE, Stanworth SJ, Zantek ND, **Bunchman TE**, Cheifetz IM, Fortenberry JD, Delaney M, van de Watering L, Robinson KA, Malone S, Steffen KM, Bateman ST; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. *Pediatric Care Med* 2018 Sep;19(9):884-898 doi: 10.1097/PCC.0000000000001613.
- 138.** Doctor A, Cholette JM, Remy KE, Argent A, Carson JL, Valentine SL, Bateman ST, Lacroix J; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. *Pediatr Crit Care Med*. 2018 Sep;19(9S Suppl 1):S98-S113. doi: 10.1097/PCC.0000000000001590.
- 139.** Cholette JM, Willems A, Valentine SL, Bateman ST, Schwartz SM; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. *Pediatr Crit Care Med*. 2018 Sep;19(9S Suppl 1):S137-S148. doi: 10.1097/PCC.0000000000001603.
- 140.** Steiner ME, Zantek ND, Stanworth SJ, Parker RI, Valentine SL, Lehmann LE, Josephson CD, Bateman ST, Luban NLC; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. *Pediatr Crit Care Med*. 2018 Sep;19(9S Suppl 1):S149-S156. doi: 10.1097/PCC.0000000000001610. PMID: 30161070
- 141.** Sinha R, Sethi SK, **Bunchman T**, Lobo V, Raina R. Prolonged intermittent renal replacement therapy in children. *Pediatr Nephrol*. 2018 Aug;33(8):1283-1296. doi: 10.1007/s00467-017-3732-2. Epub 2017 Jul 18.
- 142.** Raina R, Vijayaraghavan P, Kapur G, Sethi SK, Krishnappa V, Kumar D, **Bunchman TE**, Bolen SD, Chand D. Hemodialysis in neonates and infants: A systematic review. *Semin Dial*. 2018 May;31(3):289-299. doi: 10.1111/sdi.12657. Epub 2017 Nov 5.

- 143.** Bembea MM, Cheifetz IM, Fortenberry JD, **Bunchman TE**, Valentine SL, Bateman ST, Steiner ME; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. *Pediatr Crit Care Med.* 2018 Sep;19(9S Suppl 1):S157-S162. doi:10.1097/PCC.0000000000001600.
- 144.** John JC, Taha S, **Bunchman TE**. Basics of continuous renal replacement therapy in pediatrics. *Kidney Res Clin Pract.* 2019 Dec 31;38(4):455-461. doi: 10.23876/j.krcp.19.060.
- 145.** Bunchman TE. Vascular Access for Extracorporeal Therapies: How Do We Evaluate Them? *Pediatr Crit Care Med.* 2019 Mar;20(3):305-306. doi: 10.1097/PCC.0000000000001875.
- 146.** Raina R, Sethi SK, **Bunchman T**. Management of Intoxication via Extracorporeal Therapy in Pediatrics. *Pediatr Nephrol.* 2020 May;35(5):913-914. doi: 10.1007/s00467-019-04410-8. Epub 2019 Dec 11.
- 147.** Raina R, Lam S, Raheja H, Krishnappa V, Hothi D, Davenport A, Chand D, Kapur G, Schaefer F, Sethi SK, McCulloch M, Bagga A, **Bunchman T**, Warady BA. Pediatric intradialytic hypotension: recommendations from the Pediatric Continuous Renal Replacement Therapy (PCRRT) Workgroup. *Pediatr Nephrol.* 2019 May;34(5):925-941. doi: 10.1007/s00467-018-4190-1. Epub 2019 Feb 8.
- 148.** Raina R, Grewal MK, Blackford M, Symons JM, Somers MJG, Licht C, Basu RK, Sethi SK, Chand D, Kapur G, McCulloch M, Bagga A, Krishnappa V, Yap HK, de Sousa Tavares M, **Bunchman TE**, Bestic M, Warady BA, de Ferris MD. Renal replacement therapy in the management of intoxications in children: recommendations from the Pediatric Continuous Renal Replacement Therapy (PCRRT) workgroup *Pediatr Nephrol.* 2019 Nov;34(11):2427-2448. doi: 10.1007/s00467-019-04319-2. Epub 2019 Aug 24
- 149.** Kaddourah A, Basu RK, Goldstein SL, Sutherland SM; Assessment of Worldwide Acute Kidney Injury, Renal Angina and, Epidemiology (AWARE) Investigators. *Pediatr Crit Care Med.* 2019 Apr;20(4):332-339. doi:10.1097/PCC.0000000000001866.
- 150.** Raina R, Krishnappa V, Sanchez-Kazi C, Quiroga A, Twombly KE, Mathias R, Lo M, Chakraborty R, Mahesh S, Steinke J, **Bunchman T**, Zaritsky J. Dextran-Sulfate Plasma Adsorption Lipoprotein Apheresis in Drug Resistant Primary Focal Segmental Glomerulosclerosis Patients: Results From a Prospective, Multicenter, Single-Arm Intervention Study. *Front Pediatr.* 2019 Dec 3;7:454. doi: 10.3389/fped.2019.00454. eCollection 2019.

- 151.** Raina R, Bedoyan JK, Lichter-Konecki U, Jouvett P, Picca S, Mew NA, Machado MC, Chakraborty R, Vemuganti M, Grewal MK, **Bunchman T**, Sethi SK, Krishnappa V, McCulloch M, Alhasan K, Bagga A, Basu RK, Schaefer F, Filler G, Warady BA. Raina R, et al. Consensus guidelines for management of hyperammonaemia in paediatric patients receiving continuous kidney replacement therapy. *Nat Rev Nephrol.* 2020 Aug;16(8):471-482. doi: 10.1038/s41581-020-0267-8. Epub 2020 Apr 8. *Nat Rev Nephrol.* 2020.
- 152.** Raina R, Sethi SK, **Bunchman T**. Raina R, et al. Management of Intoxication via Extracorporeal Therapy in Pediatrics. *Pediatr Nephrol.* 2020 May;35(5):913-914. doi: 10.1007/s00467-019-04410-8. Epub 2019 Dec 11. *Pediatr Nephrol.* 2020.
- 153.** Ayalon I, Woo JG, Basu RK, Kaddourah A, Goldstein SL, Kaplan JM; Weight as a Risk Factor for Mortality in Critically Ill Patients. AWARE Investigators. Ayalon I, et al. *Pediatrics.* 2020 Aug;146(2):e20192829. doi: 10.1542/peds.2019-2829. Epub 2020 Jul 3. *Pediatrics.* 2020.
- 154.** Berling I, King JD, Shepherd G, Hoffman RS, Alhatali B, Lavergne V, Roberts DM, Gosselin S, Wilson G, Nolin TD, Ghannoum M; EXTRIP workgroup. Berling I, et al. Extracorporeal Treatment for Chloroquine, Hydroxychloroquine, and Quinine Poisoning: Systematic Review and Recommendations from the EXTRIP Workgroup *J Am Soc Nephrol.* 2020 Oct;31(10):2475-2489. doi: 10.1681/ASN.2020050564. Epub 2020 Sep 22. *J Am Soc Nephrol.* 2020.
- 155.** Sethi SK, Mittal A, Nair N, Bagga A, Iyenger A, Ali U, Sinha R, Agarwal I, de Sousa Tavares M, Abeyagunawardena A, Hanif M, Shreshtha D, Moorani K, Asim S, Kher V, Alhasan K, Mourani C, Al Riyami M, **Bunchman TE**, McCulloch M, Raina R. Sethi SK, et al. Pediatric Continuous Renal Replacement Therapy (PCRRT) expert committee recommendation on prescribing prolonged intermittent renal replacement therapy (PIRRT) in critically ill children. *Hemodial Int.* 2020 Apr;24(2):237-251. doi: 10.1111/hdi.12821. Epub 2020 Feb 18. *Hemodial Int.* 2020.
- 156.** Raina R, Chakraborty R, Sethi SK, **Bunchman T**. Raina R, et al. Kidney Replacement Therapy in COVID-19 Induced Kidney Failure and Septic Shock: A Pediatric Continuous Renal Replacement Therapy [PCRRT] Position on Emergency Preparedness With Resource Allocation. *Front Pediatr.* 2020 Jul 3;8:413. doi: 10.3389/fped.2020.00413. eCollection 2020. *Front Pediatr.* 2020.

157. Raina R, Chakraborty R, Tibrewal A, Sethi SK, **Bunchman T**. Advances in pediatric acute kidney injury. *Pediatr Res*. 2021 Mar 17. doi: 10.1038/s41390-021-01452-3. Online ahead of print.

158. Sethi SK, **Bunchman T**, Chakraborty R, Raina R. Pediatric acute kidney injury: new advances in the last decade. *Kidney Res Clin Pract*. 2021 Mar 3. doi: 10.23876/j.krcp.20.074. Online ahead of print.

159. Wong A, Hoffman RS, Walsh SJ, Roberts DM, Gosselin S, **Bunchman TE**, Kebede S, Lavergne V, Ghannoum M; EXTRIP workgroup, Alhatali B, Anseeuw K, Berling I, Bouchard J, Bird S, Bouchard J, Chin P, Doi K, Galvao T, Goldfarb D, Hassanian H, Hoegberg L, Kallab S, Kielstein J, Li Y, Macedo E, MacLaren R, Megarbane B, Mowry J, Nolin TD, Osterman M, Peng A, Roy JP, Vijayan A, Wood D, Yates C. Extracorporeal treatment for calcium channel blocker poisoning: systematic review and recommendations from the EXTRIP workgroup. *Clin Toxicol (Phila)*. 2021 May;59(5):361-375. doi: 10.1080/15563650.2020.1870123. Epub 2021 Feb 8.

160 Mowry JB, Shepherd G, Hoffman RS, Lavergne V, Gosselin S, Nolin TD, Vijayan A, Kielstein JT, Roberts DM, Ghannoum M Extracorporeal treatments for isoniazid poisoning: Systematic review and recommendations from the EXTRIP workgroup. 2021 May;41(5):463-478. doi: 10.1002/phar.2519. Epub 2021 Apr 3

161 Wazir S, Sethi SK, Agarwal G, Tibrewal A, Dhir R, Bajaj N, Gupta NP, Mirgunde S, Sahoo J, Balachandran B, Afzal K, Shrivastava A, Bagla J, Krishnegowda S, Konapur A, Soni K, Rana A, Bunchman T, Raina R Neonatal acute kidney injury risk stratification score: STARZ study. *Pediatr Res*. 2021 May 19

162 Sutherland SM, Kaddourah A, Gillespie SE, Soranno DE, Woroniecki RP, Basu RK, Zappitelli M; Assessment of the Worldwide Acute Kidney Injury, Renal Angina and Epidemiology (AWARE) Investigators. Cumulative Application of Creatinine and Urine Output Staging Optimizes the Kidney Disease: Improving Global Outcomes Definition and Identifies Increased Mortality Risk in Hospitalized Patients With Acute Kidney Injury. *Crit Care Med*. 2021 Apr 28.

Articles Submitted for Publication

1. Lo MM, **Bunchman TE**, Maxvold NJ Renal Replacement Therapy in Hyperosmolar States, Submitted to Pediatric Nephrology
2. Sethi SK, **Bunchman TE**, Raina R, Renal replacement therapy in In Born Error of Metabolism Submitted to Am J Kidney Disease

EDITORIALS, REVIEWS, COMMENTARIES, INVITED PUBLISHED PAPERS
IN PEER REVIEWED JOURNALS

Editorials

1. **Bunchman TE**: Infant dialysis: The future is now. *J Pediatr* 2000; 136:1-2.
2. **Bunchman TE**: Fluid overload in multiorgan dysfunction syndrome: A prediction of survival. *Crit Care Med* 2004; 32:1805-1806.
3. **Bunchman TE**, Extracorporeal Therapies in Pediatric Organ Dysfunction: ECMO and CRRT. *Pediatr Crit Care Med* 2007; 8:405-6.
4. Askenazi DJ, **Bunchman TE**: Pediatric acute kidney injury: The use of the RIFLE criteria. *Kidney Int* 2007; 71:963-4.
5. **Bunchman TE**, Pediatric chronic kidney disease: Lack of overt symptoms makes diagnosis challenging. *Nephrology Times* 2007; 1(4):13.
6. **Bunchman TE**, Review, Pediatric Nephrology in the ICU. *New England Journal of Medicine*, Volume 360, Number 22, May 28, 2009.
7. Sethi SK, **Bunchman TE**, Srivastava RN, Earthquakes and Pediatric Nephrology: Are we prepared? *Pediatr Nephrol*. 2010 Jul 2.
8. Bunchman TE, Stem cell transplantation and renal replacement therapy: New predictors of outcome. *Pediatr Crit Care Med* 2010 11:754-5.
9. **Bunchman TE**, Acute kidney injury treatment and the optimization of diuretics in newborns, *Pediatr Crit Care Med*. 2011.
10. **Bunchman TE**, Is Cystatin C the Holy Grail for Diagnosis of AKI? *Pediatr Crit Care Med*. 2012.
11. **Bunchman TE**, Biomarkers for AKI: Is the serum creatinine worthless? *Pediatr Crit Care Med*. 2012.
12. Daniels RC, **Bunchman TE**, Is it the neutrophil gelatinase-associated lipocalin or the pediatric RIFLE? *Pediatr Crit Care Med*. 2012 Nov;13(6):698.
13. **Bunchman TE**, Pediatric CRRT and ECMO: Fluid overload is not the only issue. *Nat Rev Nephrol*. 2012 Oct;8(10):565-6. doi: 0.1038/nrneph.2012.193. Epub 2012 Sep 4.
14. **Bunchman TE**, Nutritional Delivery in Infants with CKD: Techniques to Avoid Hyperkalemia, *J Ren Nutr*. 2013 May 21. doi:pii: S1051-2276(13)00096-4.
15. **Bunchman TE**, The Complexity of Dialytic Therapy in Hyperammonemic Neonates. *Pediatr Nephrol*. 2015 May;30(5):701-2.

16. **Bunchman TE**, Anticoagulation in CRRT: Citrate appears to be superior to heparin. *Pediatr Crit Care Med*. 2016 Sep;17(9):894-5
17. **Buchman TE**, Pediatric fulminant hepatic failure: Are we improving outcomes? *Crit Care Med*. 2016 Oct;44(10):1949.

Invited Articles:

1. **Bunchman TE**, Mauer SM, What is the best way to diagnose renal allograft rejection in the small child? *Pediatr Nephrol* 1990; 4:218.
2. **Bunchman TE**, Chronic dialysis in the infant less than one year of age. *Pediatr Nephrol* 1995; 9:S18-2.
3. **Bunchman TE**, The ethics of infant dialysis. *Perit Dial Int* 1996; 16:S505-508.
4. **Bunchman TE**, Pediatric hemodialysis: Lessons from the past, ideas for the future. *Kidney Int* 1996; 53:S64-67.
5. Warady BA, **Bunchman TE**, An update on peritoneal dialysis and hemodialysis in the pediatric population. *Curr Opin Pediatr* 1996; 8:135-140.
6. Jordan SC, Shapiro R, Davis C, Frank M, Milliner D, **Bunchman TE**, Nachman P: Use of pooled human gamma globulin in solid organ transplantation: Recommendations from the IVIG Advisory Meeting. April 29-May 2, 1999.
7. **Bunchman TE**, Plasmapheresis and renal replacement therapy in children. *Curr Opin Pediatr* 2002; 14:310-314.
8. **Bunchman TE**, Renal failure and transplantation. 32nd Critical Care Congress, Current Concepts in Pediatric Critical Care Course, Jan 2003.
9. **Bunchman TE**, Nutrition as a medical therapy in pediatric critical illness. *Clin J Am Soc Nephrology* 2013 8: 513-4.

International Consortium Papers that I contributed to:

1. Management of anemia in children receiving chronic peritoneal dialysis. Borzych-Duzalka D, Bilginer Y, Ha IS, Bak M, Rees L, Cano F, Munarriz RL, Chua A, Pesle S, Emre S, Urzykowska A, Quiroz L, Ruscasso JD, White C, Pape L, Ramela V, N, Vogel A, Kuzmanovska D, Simkova E, Müller-Wiefel DE, Sander A, Warady BA, Schaefer F; International Pediatric Peritoneal Dialysis Network (IPPN) Registry. *J Am Soc Nephrol*. 2013 Mar;24(4):665-76.
3. Neu AM, Sander A, Borzych-Duzalka D, Watson AR, Vallés PG, Ha IS, Patel H, Askenazi D, Balasz-Chmielewska I, Lauronen J, Groothoff JW, Feber J, Schaefer F, Warady BA; IPPN investigators. Comorbidities in chronic pediatric peritoneal dialysis patients: a report of the International Pediatric Peritoneal Dialysis Network. *Perit Dial Int*. 2012 Jul-Aug;32(4):410-8.
4. Schaefer F, Borzych-Duzalka D, Azocar M, Munarriz RL, Sever L, Aksu N,

- Barbosa LS, Galan YS, Xu H, Coccia PA, Szabo A, Wong W, Salim R, Vidal E, Pottoore S, Warady BA; IPPN investigators. Impact of global economic disparities on practices and outcomes of chronic peritoneal dialysis in children: insights from the International Pediatric Peritoneal Dialysis Network Registry. *Perit Dial Int.* 2012 Jul-Aug;32(4):399-409.
5. Rees L, Azocar M, Borzych D, Watson AR, Büscher A, Edefonti A, Bilge I, Askenazi D, Leozappa G, Gonzales C, van Hoeck K, Secker D, Zurowska A, Rönholm K, Bouts AH, Stewart H, Ariceta G, Ranchin B, Warady BA, Schaefer F; International Pediatric Peritoneal Dialysis Network (IPPN) registry. Growth in very young children undergoing chronic peritoneal dialysis. *J Am Soc Nephrol.* 2011 Dec;22(12):2303-12.
 6. Ha IS, Yap HK, Munarriz RL, et al International Pediatric Peritoneal Dialysis Network Registry. Risk Factors for loss of residual renal function in children treated with chronic peritoneal dialysis. *Kidney Int.* 2015 Sep;88(3):605-13.
 7. Basu RK, Kaddourah A, Terrell T, et al for the Prospective Pediatric AKI Research Group (ppAKI). Assessment of worldwide acute kidney injury. Renal angina dn epidemiology in critically ill children (AWARE); study protocol for a prospective observational study. *BMC Nephrol.* 2015 Feb 26;16:24.
 8. Kaddourah A, Basu RK, Bagshaw SM, Goldstein SL; AWARE Investigators.. Epidemiology of acute kidney injury in critically ill children and young adults, *NEJM,* 2017 Jan 5: 376: 11-20.
 9. Bergstralh EJ, Monico CG, Lieske JC, Herges RM, Langman CB, Hoppe B, Milliner DS; IPHR Investigators Transplantation in primary hyperoxaluria *Am J Transplant.* 2010 Nov;10(11):2493-501.

Book Editor

1. **Critical Care Pediatric Nephrology and Dialysis:** A practical approach Eds S Sethi, R Raina, M McCulloch, TE Bunchman Springer 2019
2. **Advances in Critical Care Pediatric Nephrology: Point of Care Ultrasound and Diagnostics** Eds S Sethi, R Raina, M McCulloch, TE Bunchman Springer 2021

Books Chapters:

1. **Bunchman TE**, Acute renal failure. *Pediatric Intensive Care Unit Handbook*, University of Michigan Medical Center, 1993.
2. **Bunchman TE**, Dialysis techniques. *Pediatric Intensive Care Unit Handbook*, University of Michigan Medical Center, 1993.

3. **Bunchman TE**, Hypertension evaluation and treatment. Pediatric Intensive Care Unit Handbook, University of Michigan Medical Center, 1993.
4. **Bunchman TE**, Management of the post-op transplant patient. Pediatric Intensive Care Unit Handbook, University of Michigan Medical Center, 1993.
5. **Bunchman TE**, So SKS: Diagnosis and treatment of post-op allograft dysfunction, in Pediatric Renal Transplantation. Tejani AH, Fine RN (eds). New York: Wiley-Liss, 1994.
6. Thomas SE, **Bunchman TE**: Pediatric transplantation: Donor and recipient evaluation, in Pediatric Renal Transplantation. Tejani AH, Fine RN (eds). New York: Wiley-Liss, 1994.
7. Valentini RP, **Bunchman TE**: Pre-emptive renal transplantation in infancy, in Clinical Dialysis (3rd Edition). Nissenson AR, Fine RN, Gentile DE (eds). Norwalk, CT: Appleton and Lang, 1995.
8. Smoyer WE, Maxvold NJ, Remenapp R, **Bunchman TE**, Renal replacement therapy in Pediatric Critical Care (2nd Edition). Farhman BP, Zimmerman JJ (eds). St. Louis, MO: Mosby, 1998.
9. **Bunchman TE**, Maxvold NJ: Acute and chronic dialysis in children, in Complications of Dialysis. Lameire N, Mehta RL (eds). New York: Marcel Decker, 2000.
10. Magee JC, Sung RS, Turcotte JG, Punch JD, Ojo AO, Konnak JW, Bloom DA, Wolfe S, Kaplan B, **Bunchman TE**, Leichtman AB, Merion RM, Campbell DA: Renal transplantation at the University of Michigan 1964 to 1999, in Clinical Transplants 1999. Cecka JM, Terasaki PI (eds). Los Angeles: UCLA Immunogenetics Center, 2000.
11. McBryde KD, **Bunchman TE**, Hemodialysis, in Gellis and Kagan's Current Pediatric Therapy (17th Edition). Burg FD, Polin RA, Ingelfinger JR, Gershon AA (eds). Philadelphia: W.B. Saunders, 2002.
12. Brophy PD, Maxvold NJ, **Bunchman TE**, CAVH/CVVH in pediatric patients, in Dialysis Therapy (3rd Edition). Nissenson AR, Fine RN (eds). Philadelphia: Hanley & Belfus, 2002.
13. Brophy PD, **Bunchman TE**, Pediatric hemofiltration, in Dialysis Therapy (3rd Edition). Nissenson AR, Fine RN (eds). Philadelphia: Hanley & Belfus, 2002.
14. Warady BA, **Bunchman TE**, Renal replacement therapy in children, in Replacement of Renal Function by Dialysis (5th Edition). Hörl WH, Koch KM, Lindsay RM, Ronco C, Winchester JF(eds) Boston: Springer, 2003.
15. Benfield MR, **Bunchman TE**, Acute renal failure, in Pediatric Nephrology (5th Edition). Anner E, Harman W, Niaudet P (eds). Philadelphia: Lippincott, Williams & Wilkins, 2003.
16. **Bunchman TE**, Gardner JJ, Pediatric renal replacement therapy. Critical care course book for the Society of Critical Care (SCCM) 2004.
17. Cohen RA, **Bunchman TE**, Pre-emptive renal transplantation in infancy, in Clinical Dialysis (4th Edition). Nissenson AR, Fine RN, Gentile DE (eds). Norwalk, CT: Appleton and Lang, 2004.
18. **Bunchman TE**, Evaluation and treatment of malignant hypertension in pediatrics, in 9th Critical Care Refresher Course. Ivy ME (ed). Des Plaines, IL: Society of Critical Care Medicine, 2005.

19. **Bunchman TE**, The non-dialytic therapy of acute renal failure in pediatrics, in 9th Critical Care Refresher Course. Ivy ME (ed). Des Plaines, IL: Society of Critical Care Medicine, 2005.
20. **Bunchman TE**, ECLS and the kidney, in ECMO Extracorporeal Cardiopulmonary Support in Critical Care (3rd Edition). VanMeurs K, Lally KP, Peek G, Zwischenberger JB (eds). Ann Arbor, MI: Extracorporeal Life Support Organization, 2005
21. Barletta GM, **Bunchman TE**, Dialytic therapies, in Current Pediatric Therapy, 18th ed. Burg, Ingelfinger, Polin, Gershon (eds). Philadelphia: Elsevier Inc., 2006.
22. **Bunchman TE**, Acute renal failure and renal replacement therapy, in 10th Critical Care Refresher Course. Ivy ME (ed). Des Plaines, IL: Society of Critical Care Medicine, 2006.
23. McBryde KD, **Bunchman TE**, Continuous renal replacement therapy, in Pediatric Critical Care Medicine: Basic Science and Clinical Evidence. Wheeler DS, Wong, Shanley (eds). London, UK: Springer-Verlag, 2007.
24. Hackbarth RM, Maxvold NJ, **Bunchman TE**, Acute renal failure and end stage renal disease, in Rogers Textbook of Pediatric Intensive Care, 4th ed, Fine R (ed). Philadelphia: Lippincott Williams & Wilkins, 2008.
25. **Bunchman TE**, Nephrologic Issues in Children with Developmental Disabilities. Pediatric Clinics of North America, Developmental Disabilities Part II, Volume 55, Number 6. W.B. Saunders Company (division of Elsevier), December 2008.
26. **Bunchman TE**, Blood Purification in Intensive Care. (Michael Yaroustovsky) Karger. June 2009.
27. Barletta GM, **Bunchman TE**, Dialysis in Children; Brenner & Rector's, The Kidney, 9th edition. Elsevier Inc., 2010.
28. Rajasekaran S, Maxvold NJ, **Bunchman TE**, Glomerulotubular Dysfunction and Acute Kidney Injury; Fuhrman & Zimmerman, Pediatric Critical Care, 4th Edition. Mosby Elsevier, 2010.
29. Acute Dialysis in Children Indian Pediatric Association Oct 2010, Editor A. S. Vasudev, IAP Publishing House, Gwalior, India.
30. Sreedhar SS, **Bunchman TE**, Maxvold NJ, Renal Replacement in Pediatric Critical Care Medicine: Basic Science and Clinical Evidence, 2011.
31. **Bunchman TE**, Lo MM, Hemodialysis and Continuous Renal Replacement Therapy; Chapter 17a Kidney and Urinary Tract Diseases in the Newborn; SG Kiessling, AS Chishti, and S Alam, editors. Springer (in press).
32. Lo MM, **Bunchman TE**, Chronic Renal Failure in Children. The five minute consult for Pediatric Urology, eds Koo H.

WEB-BASED LEARNING:

- 2009 Nephrotic Syndrome Glomerulonephritis, Acute Renal Failure and Acute Peritoneal Dialysis
- Basics of CRRT, Boston Children's Hospital, Harvard School of Medicine

EDUCATIONAL CD'S:

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➤ PUBLISHED ABSTRACTS OR PRCEEDINGS

Abstracts, Preliminary Communications, and Panel Discussions:

1. **Bunchman TE**, Sibley R, Mauer SM, Vernier RL: Anaphylactoid purpura (AP) with nephritis: Can patients at risk for renal failure be identified? *Kidney Int* 1987; 31:192.
2. **Bunchman TE**, Mauer SM, Nevins TE, Chavers BM: Viral complications of OKT3 monoclonal antibody therapy in children with renal transplantation. Presented at the 12th International Congress of the Transplantation Society in Sydney, Australia, 1988.
3. Mauer SM, **Bunchman TE**, Fryd DS, Sibley RS: Clinical manifestations of renal allograft rejection in the small child prior to changes in serum creatinine. *Kidney Int* 1989; 35:520. Presented at American Society of Nephrology in San Antonio, TX, Dec 1988.
4. **Bunchman TE**, Mauer SM, Kim Y: Effect of cyclosporin-A on the generalized Shwartzman reaction in the diabetic rat. *Kidney Int* 1989; 35:342.
5. **Bunchman TE**: Effect of cyclosporin-A on human vascular endothelium in tissue culture. *Pediatric Research* 24, No. 4, 336A Abstract #2000. Presented at the Society for Pediatric Research, Washington, D.C., May 1989.
6. **Bunchman TE**, Garvin P, Fleming S, Wood EG: Ultrasound measurement of the renal allograft over time in the pediatric recipient less than 4 years of age. Presented at the International Pediatric Nephrology Association in Toronto, Canada, Aug 1989.
7. Drake DG, Alford BA, Letourneau JG, Sibley RK, **Bunchman TE**, Mauer SM, Day DL: Duplex Doppler evaluation of pediatric renal transplants. Presented at the Society of Pediatric Radiologists and Association of University Radiologists in Seattle, WA, Sept 1989.
8. **Bunchman TE**, Brookshire CA: Cyclosporine stimulated synthesis of endothelin by human endothelial cells in tissue culture. *Kidney Int* 1990; 37:365. Presented at the American Society of Nephrology in Washington, D.C., 1989.
9. Wells TG, **Bunchman TE**: Treatment of neonatal hypertension with enalaprilat. Presented at the Southern Society of Pediatric Research in New Orleans, LA, Jan 1990.
10. Schenck MH, Lynch RE, Wood EG, Weaver KA, Klein BL, **Bunchman TE**: Pretreatment of formula with sodium polystyrene sulfonate to prevent hyperkalemia in children with chronic renal failure or on dialysis. *Perit Dial Int* 1990; 10(Suppl 1): abstract 23. Presented at the 10th Annual Conference on Peritoneal Dialysis in Dallas, TX, Feb 1990.
11. Wood EG, **Bunchman TE**: Khurana R, Fleming SS, Lynch RE: Supplemental enteral feedings in children with chronic renal failure (CRF): gastrostomy and nasogastric tube? *Perit Dial Int* 1990; 10(Suppl 1): abstract 190. Presented at the 10th Annual Conference on Peritoneal Dialysis in Dallas, TX, Feb 1990.

12. **Bunchman TE**, Connors RH, Lynch RE, Weber TR, Tracy TF, Wood EG: The effect of omentectomy upon peritoneal dialysis catheter outcome. *Pediatr Res* 1990; 27: abstract 1933.
13. **Bunchman TE**, Lynch RE, Fleming SS, Wood EG: Low volume peritoneal dialysis for ultrafiltration in infants. *Pediatr Res* 1990; 27: abstract 1934.
14. Appleton SR, Miller LW, Nouri S, Pennington GD, **Bunchman TE**: Endomyocardial biopsies in pediatric patients with no irradiation: Use of internal jugular venous approach and echocardiographic guidance. Presented at the American Society of Transplant Physicians in Chicago, IL, May 1990.
15. **Bunchman TE**, Aceto T, Lynch RE, Gibbons V, Wood EG: Variation in growth hormone response in children after renal transplantation. Presented at the American Society of Transplant Physicians in Chicago, IL, May 1990.
16. Brookshire CA, **Bunchman TE**: Cyclosporine inhibition of extra-cellular matrix by human vascular endothelium. Presented at the 13th International Congress of the Transplantation Society in San Francisco, CA, Aug 1990.
17. **Bunchman TE**, Brookshire CA: Smooth muscle cell proliferation by cyclosporine induced endothelin synthesis of human vascular endothelial cells. Presented at the 13th International Congress of the Transplantation Society in San Francisco, CA, Aug 1990.
18. Kurtz ME, Reese JC, **Bunchman TE**, Garvin PJ: Beneficial effects of HLA and pre-transplant blood transfusions on survival of kidney allografts from living related donors in the cyclosporine era. Presented at the 16th Annual Meeting of American Society for Histocompatibility and Immunogenetics in Los Angeles, CA, Nov 1990.
19. **Bunchman TE**, Gonzalez R, Day DL, Kim Y: Ureter reimplantation in infants. *J Am Soc Neph* 1990; 1:330. Presented at the American Society of Nephrology Meeting in Washington, D.C., Dec 1990.
20. **Bunchman TE**, Ballal SH: Amelioration of peritoneal dialysis (PD) inflow pain: The effect of dialysate (D) pH adjustment. *Perit Dials Int* 1991; 11(Suppl. 1):abstract 36. Presented at the 11th Annual Conference on Peritoneal Dialysis in Nashville, TN, Feb 1991.
21. **Bunchman TE**, Lynch RE, Fleming SS, Wood EG: Ultrafiltration (UF) using low volume peritoneal dialysis (PD) in children. *Perit Dials Int* 1991; 11(Suppl. 1):abstract 37. Presented at the 11th Annual Conference on Peritoneal Dialysis in Nashville, TN, Feb 1991.
22. **Bunchman TE**, Lynch RE, Wood EG: Labetalol (L) continuous infusion for hypertensive crises in children (C). *Pediatr Res* 1991; 29:abstract 2019.
23. **Bunchman TE**, Brookshire CA: In vitro effect of low dose cyclosporine upon human vascular cell attachment and endothelial cell function and permeability. Presented at the 10th Annual Meeting for the American Society of Transplant Physicians in Chicago, IL, May 1991.
24. Grange DK, **Bunchman TE**: Familial fibromuscular dysplasia of the arteries associated with brachysyndactyly and bony fragility. Presented at the 8th International Congress of Human Genetics in Washington, DC, Aug 1991.
25. Kershaw DB, Sedman AB, **Bunchman TE**: Treatment of ACE Fetopathy with PD. *Perit Dial Int* 1992; 12(Suppl. 1):abstract 253. Presented at the 12th Annual Conference on Peritoneal Dialysis in Seattle, WA, Feb 1992.

26. **Bunchman TE**, Meldrum MK, Meliones JE, Sedman AB, Kershaw DB: Peritoneal dialysis effect upon pulmonary functions in critically ill infants: A preliminary report. *Perit Dial Int* 1992; 12(Suppl 1):abstract 38. Presented at the 12th Annual Conference on Peritoneal Dialysis in Seattle, WA, Feb 1992.
27. **Bunchman TE**, Kershaw DB, Merion RM, Ham JM, Sedman AB, Kelsch RC, So S: Recovery from biopsy proven allograft rejection occurring during MALG induction in the pediatric recipient. Presented at the American Society of Transplant Physicians in Chicago, IL, May 1992.
28. **Bunchman TE**, Kershaw DB, Merion RM, Ham JM, Sedman AB, Walter MB, Kelsch RC: Flow cytometry during MALG induction in pediatric renal transplantation. Presented at the American Society of Transplant Physicians in Chicago, IL, May 1992.
29. **Bunchman TE**, Kershaw DB, Sedman AB, Walter MB: T cell subset analysis by flow cytometry during MALG induction in pediatric renal transplantation. Presented at the 3rd Annual Pediatric Research Symposium in Ann Arbor, MI, Sept 1992.
30. Petree M, Reynolds J, Walter MB, **Bunchman TE**: "Humane" treatment of anemia with Epogen in the pediatric population. Accepted at the 13th Annual Conference on Peritoneal Dialysis in San Diego, CA, Mar 1993.
31. **Bunchman TE**, Swartz R: Oxalate removal: Hemodialysis vs. CAPD. *Perit Dial Int* 1993; 13(Suppl 1):S47. Presented at the 13th Annual Conference on Peritoneal Dialysis in San Diego, CA, Mar 1993.
32. Kershaw DB, **Bunchman TE**, Sedman AB, Kelsch RC: Successful treatment with oral cyclophosphamide of recurrent focal segmental glomerulosclerosis in pediatric renal transplant recipients. *Transplant* 1993; 31:218. Presented at the 12th Annual Scientific Meeting of the American Society of Transplant Physicians in Houston, TX, 1993.
33. **Bunchman TE**, Ham JM, Sedman AB, Kershaw DB, Turcotte JG, Campbell DA, Punch JD, Merion RM: Improved allograft survival in pediatric renal recipients. Presented at the 1st International Congress on Pediatric Transplantation in Minneapolis, MN, Aug 1993.
34. Ham JM, **Bunchman TE**: Long term follow-up of CMV and EBV immunity after Sandoglobulin prophylaxis in the high risk pediatric renal transplant recipient. Presented at the 1st International Congress on Pediatric Transplantation in Minneapolis, MN, Aug 1993.
35. Maxvold NJ, Kershaw DB, Sedman AB, Custer JR, **Bunchman TE**: Renal replacement therapy in the pediatric intensive care unit: Continuous veno-venous (dia) hemodialysis (CVVH(D)) vs continuous arterial venous (dia) hemofiltration (CAVH(D)). Presented at the Department of Pediatrics Annual Research Symposium, University of Michigan in Ann Arbor, MI, Oct 1993.
36. Maxvold NJ, **Bunchman TE**, Bartlett RH: Dialyzer surface area effect upon solute removal ECLS: A single patient experience. Presented at the ELSO Meeting in Dearborn, MI, Sept 1993.
37. **Bunchman TE**, Kershaw DB, Maxvold NJ, Sedman AB, Custer JR: CVVH(D) vs CAVH(D) in infants and children: A single center experience. Presented at the 26th Annual Meeting of the American Society of Nephrology in Boston, MA, Nov 1993.

38. **Bunchman TE**, Kershaw DB, Valentini RP, Gregory MJ, Sedman AB: Evolution of renal replacement therapy in pediatric intensive care. *Perit Dial Int* 1994; 14:72. Presented at the 14th Annual Conference on Peritoneal Dialysis in Orlando, FL, Jan 1994.
39. McConnell S, Sedman AB, **Bunchman TE**: Growth and PTH activity in the pediatric peritoneal dialysis population. *Perit Dial Int* 1994; 14(Suppl 1):S40. Presented at the 14th Annual Conference on Peritoneal Dialysis in Orlando, FL, Jan 1994.
40. Valentini RP, **Bunchman TE**: The role of insulin-like growth factor binding protein (IGFBP) in growth failure in end stage renal disease (ESRD): A preliminary report comparing peritoneal dialysis (PD) to hemodialysis (HD). *Perit Dial Int* 1994; 14(Suppl 1):S72. Presented at the 14th Annual Conference on Peritoneal Dialysis in Orlando, FL, Jan 1994.
41. **Bunchman TE**, Sedman AB, Kershaw DB, Sanvordenker JK, Campbell DA, Turcotte JG, Punch JD, Merion RM: Impact of cyclosporin dosing and timing upon hospitalization and allograft survival in the small child who underwent renal transplantation. Presented at the 13th Annual Scientific Meeting of the American Society of Transplant Physicians in Chicago, IL, May 1994.
42. Gregory MJ, Smoyer WE, **Bunchman TE**, Kershaw DB, Valentini RP, Sedman AB: Long term cyclosporine (CsA) therapy for nephrotic syndrome (NS) in children: A clinical and histologic analysis. *Pediatr Res* 1994; 35:365A.
43. Smoyer WE, Valentini RP, Kershaw DB, Gregory MJ, Sedman AB, **Bunchman TE**: Impact of pediatric renal replacement therapy on mortality. Presented at the 5th Annual Pediatric Symposium, Department of Pediatrics, University of Michigan, Ann Arbor, MI, Sept 1994.
44. Valentini RP, Mudge N, **Bunchman TE**: Insulin-like growth factor binding protein 3 removal: A dialysis modality comparison. Presented at the 5th Annual Pediatric Symposium, Department of Pediatrics, University of Michigan, Ann Arbor, MI, Sept 1994.
45. Gregory MJ, Smoyer WE, **Bunchman TE**, Kershaw DB, Valentini RP, Sedman AB: Treatment of pediatric nephrotic syndrome with long-term cyclosporine therapy. Presented at the 5th Annual Pediatric Symposium, Department of Pediatrics, University of Michigan, Ann Arbor, MI, Sept 1994.
46. Maxvold NJ, Taylor RP, Custer JR, **Bunchman TE**: Continuous veno-venous hemodiafiltration (CVVH-D) use in pediatrics. Presented at the 7th Annual Pediatric Critical Care Colloquium in Seattle, WA, Oct 1994.
47. Primack WA, Sanvordenker JK, **Bunchman TE**: The end of the "bee sting" in renal biopsy: Local anesthesia with EMLA cream in children. *J Am Soc Nephrol* 1994; 5:358. Presented at 1994 American Society of Nephrology in Orlando, FL, Oct 1994.
48. Gregory MJ, Sedman AB, Kershaw DB, Valentini RP, Sanvordenker JK, **Bunchman TE**: Growth and allograft function in pediatric renal transplantation: Impact of alternate day steroids. *J Am Soc Nephrol* 1994; 5:abstract 34P. Presented at the 1994 American Society of Nephrology in Orlando, FL, Oct 1994.
49. Gregory MJ, Kershaw DB, Sedman AB, Valentini RP, **Bunchman TE**: Adaptation of standard hemodialysis for the treatment of acute hyperammonemic crises in infants

- & children. *J Am Soc Nephrol* 1994; 5:abstract 55P. Presented at the 1994 American Society of Nephrology in Orlando, FL, Oct 1994.
50. **Bunchman TE**, Smoyer WE, Valentini RP, Kershaw DB, Gregory MJ, Sedman AB: Modality and mortality in pediatric renal replacement therapy. *J Am Soc Nephrol* 1994; 5:436. Presented at American Society of Nephrology in Orlando, FL, Oct 1994.
 51. **Bunchman TE**: Lessons from hemodialysis. Presented at the NAPRTCS 5th Annual Workshop in San Francisco, CA, Mar 1995.
 52. Rossi SJ, **Bunchman TE**: Polyclonal antilymphocyte sequential induction in pediatric kidney transplant recipients: A comparison of ATGAM vs MALG antibody preparations. Presented at the American Society of Transplant Physicians in Chicago, IL, May 1995.
 53. Gardner JJ, Hartman TL, **Bunchman TE**: Acute hemodialysis: Infants to adolescents. Presented at the 26th National Symposium of the American Nephrology Nurses Association in Philadelphia, PA, June 1995.
 54. Gardner JJ, Hartman TL, Smoyer WE, **Bunchman TE**: Pediatric hemofiltration for acute renal failure: Infants to adolescents. Presented at the 26th National Symposium of the American Nephrology Nurses Association in Philadelphia, PA, June 1995.
 55. **Bunchman TE**, Bloom DA, Kershaw DB, Smoyer WE, Valentini RP, Sedman, AB: Pediatric renal transplantation outcome when the lower urinary tract is dysfunctional. *J Am Soc Nephrol* 1995; 6:abstract 387. Presented at the 28th Annual Meeting of the American Society of Nephrology in San Diego, CA, Nov 1995.
 56. Valentini RP, Sedman AB, Smoyer WE, Kershaw DB, Gregory MJ, **Bunchman TE**: The safety and efficacy of intraperitoneal (IP) erythropoietin (EPO) in children on CCPD. *J Am Soc Nephrol* 1995; 6:abstract 1644. Presented at the 28th Annual Meeting of the American Society of Nephrology in San Diego, CA, Nov 1995.
 57. Valentini RP, Sedman AB, Smoyer WE, Kershaw DB, Gregory MJ, **Bunchman TE**: Outcome of children with anti-neutrophil cytoplasmic antibody (ANCA) positive glomerulonephritis (GN). *J Am Soc Nephrol* 1995; 6:abstract 950. Presented to the 28th Annual Meeting of the American Society of Nephrology in San Diego, CA, Nov 1995.
 58. Flynn JT, Sedman AB, Kershaw DB, Smoyer WE, Valentini RP, Gregory MJ, **Bunchman TE**: Increased risk of pancreatitis (P) in pediatric peritoneal dialysis (PD) patients. *Perit Dial Int* 1996; 16:S68.
 59. Chandler CL, Valentini RP, **Bunchman TE**: Protocol for intraperitoneal erythropoietin. *Perit Dial Int* 1996; 16:S66. Presented at the 16th Annual Conference on Peritoneal Dialysis, Feb. 1996.
 60. Parekh RS, Ojo AO, Port FK, Wolfe RA, Held PJ, Turrene MN, **Bunchman TE**: Age-dependent immune response in pediatric living-related donor (LRD) kidney transplantation. Presented at the 15th Annual American Society of Transplant Physicians, May 1996.
 61. **Bunchman TE**, Parekh RS, Kershaw DB, Smoyer WE, Flynn JT, Valentini RP, Sedman AB: Beneficial effect of Sandoglobulin upon allograft survival in the pediatric renal transplant recipient. Presented at the 15th Annual American Society of Transplant Physicians, May 1996.

62. Parekh RS, **Bunchman TE**, Thoene JG, Sedman AB: Catch-up growth in cystinotic children with specified nutrition. *Pediatr Res* 1996; 39:367A, abstract 2184.
63. DeVee J, **Bunchman TE**, Parekh RS, Kerestes-Smith J: Nutritional management of an infant with primary oxalosis: From dialysis to kidney/liver transplantation. Presented at the 79th Annual Meeting and Exhibition of the American Dietetic Association, Oct 1996.
64. Sedman AS, Parekh RS, DeVee JL, Flynn JT, Gregory MJ, Kershaw DB, Smoyer WE, Valentini RP, **Bunchman TE**: Cost-effective management of children with polyuric renal failure. *J Am Soc Nephrol* 1996; 7:1398. Presented at American Society of Nephrology, 1996.
65. Smoyer WE, Gregory MJ, Ravinder SB, Johnson K, **Bunchman TE**: Predictive value of renal biopsies for the subsequent response to cyclosporine in childhood nephrotic syndrome. *J Am Soc Nephrol* 1996; 7:1781. Presented at American Society of Nephrology, 1996.
66. Flynn JT, Kershaw DB, Parekh RS, Sedman AB, Smoyer WE, Valentini RP, **Bunchman TE**: Treatment of children with severe Henoch-Schonlein Purpura (HSP) related nephrotic syndrome (NS) with oral cyclophosphamide (CY) induces remission of NS. *J Am Soc Nephrol* 1996; 7:1772. Presented at American Society of Nephrology, 1996.
67. Flynn JT, Kershaw DB, Parekh RS, Sedman AB, Smoyer WE, Valentini RP, **Bunchman TE**: Impact of ambulatory blood pressure monitoring (ABPM) on management of hypertension (HTN) in children (CH). *J Am Soc Nephrol* 1996; 7:1549.
68. Gregory JM, Gardner JJ, Maxvold NJ, Custer JR, **Bunchman TE**: Continuous renal replacement therapy for treatment of pediatric metabolic diseases. Presented to Continuous Renal Replacement Therapy Conference in San Diego, CA, Feb 1997.
69. Gardner JJ, **Bunchman TE**, Maxvold NJ, Borrowdale SL, Watkins S, Kohaut E, Yorgin P: Flow characteristics of a new pediatric continuous renal replacement therapy catheter for acute renal failure management. Presented to Continuous Renal Replacement Therapy Conference in San Diego, CA, Feb 1997.
70. Maxvold NJ, Gardner JJ, **Bunchman TE**: Amino acid clearance from parenteral nutrition on continuous renal replacement therapy in pediatric patients. Presented to Continuous Renal Replacement Therapy Conference in San Diego, CA, Feb 1997.
71. **Bunchman TE**, Punch JD, Merion RM: Pediatric renal transplantation in the Neoral era: Benefits and risks. *J Am Soc Nephrol* 1997; 8:148. Presented to the American Society of Transplant Physicians, May 1997.
72. Flynn JT, Kershaw DB, Sedman AB, Smoyer WE, Valentini RP, **Bunchman TE**: Value of ambulatory blood pressure monitoring (ABPM) in the evaluation and management of hypertension in children (CH). Presented to the American Society of Hypertension, May 1997.
73. Smoyer WE, Maxvold NJ, **Bunchman TE**: Protein malnutrition during pediatric continuous hemofiltration (CH): A prospective comparison of 24 hour nitrogen balance and urea clearance between CVVH and CVVHD. *J Am Soc Nephrol* 1997; 8:128. Presented at the 30th Annual Meeting of the ASN in San Antonio, TX, Nov 1997.

74. Mehta R, **Bunchman T**, Parekh R, Jaar B, Recusan L, Solez K: Epidemic of acute renal failure: The Haiti experience. *J Am Soc Nephrol* 1997; 8:128. Presented at the 30th Annual Meeting of the ASN in San Antonio, TX, Nov 1997.
75. Maxvold NJ, Smoyer WE, **Bunchman TE**: Prospective comparison of 24 hour nitrogen balance, amino acid losses, and urea clearance between CVVH and CVVHD during pediatric continuous hemofiltration. *Crit Care Med* 1998; 26:A121. Presented to the Society of Critical Care Medicine in San Antonio, TX, Aug 1997.
76. Flynn JT, Kershaw DB, Sedman AS, Smoyer WE, **Bunchman TE**: Improvement of glycemic control by CAPD with intraperitoneal (IP) insulin in a child with IDDM and ESRD. Presented at the 18th Annual Conference on Peritoneal Dialysis, 1998.
77. Maxvold NJ, Smoyer WE, Custer JR, **Bunchman TE**: Prospective analysis of amino acid and protein balance with standard parenteral nutrition during pediatric continuous hemofiltration. *Blood Purif* 1998; 16:abstract 20. Presented at the 3rd International Conference on Continuous Renal Replacement Therapy in San Diego, CA, Mar 1998.
78. Smoyer WE, Gardner JJ, **Bunchman TE**: Prospective analysis of dialysate and ultrafiltration pump accuracy during continuous hemofiltration (CH). *Blood Purif* 1998; 16:abstract 3. Presented at the 3rd International Conference on Continuous Renal Replacement Therapy in San Diego, CA, Mar 1998.
79. Gardner JJ, Mottes TA, Maxvold NJ, **Bunchman TE**: Pediatric hemofiltration nursing education: A cooperative effort between dialysis and intensive care. *Blood Purif* 1998; 16:abstract 27. Presented at the 3rd International Conference on Continuous Renal Replacement Therapy in San Diego, CA, Mar 1998.
80. Flynn JT, Koo, HP, Punch JD, Schwartz AC, Bloom DA, **Bunchman TE**: Transplant outcome and urologic management of children with end stage renal disease due to severe congenital urologic malformations. *Pediatr Transplant* 1998; 2:86, abstract 224. Presented at the 3rd International Congress on Pediatric Transplantation in Boston, MA, Jul 1998.
81. Sherbotie JR, Flynn JT, **Bunchman TE**: Indications, results, and complications of tacrolimus conversion in isolated pediatric renal transplantation. *Pediatr Transplant* 1998; 2:59, abstract 113. Presented at the 3rd International Congress on Pediatric Transplantation in Boston, MA, Jul 1998.
82. Punch JD, **Bunchman TE**, Bromberg JS, Merion RM: Cyclosporine based immunosuppression in pediatric liver transplantation. *Pediatr Transplant* 1998; 2:66, abstract 142. Presented at the 3rd International Congress on Pediatric Transplantation in Boston, Jul 1998.
83. **Bunchman TE**, Parekh RS, Alexander SI, Swinford RD: Disaster planning in epidemic pediatric acute renal failure. Submitted at the 11th Congress of the International Pediatric Nephrology Association, London, UK, Sept 1998.
84. **Bunchman TE**, Maxvold NJ, Gardner JJ, Smoyer WE: Renal replacement therapy in the pediatric intensive care. Presented at the 11th Congress of the International Pediatric Nephrology Association, London, UK, Sept 1998.
85. Alexander SI, Parekh RS, Swinford RD, Debeuklar MM, Ingelfinger JR, Ramirez J, St. Victor S, Strauss J, Wood EG, **Bunchman TE**: Epidemic of acute renal failure in Haiti 1996: The clinical experience. Presented at the 11th Congress of the International Pediatric Nephrology Association, London, UK, Sept 1998.

86. **Bunchman TE**, Greenbaum L, Sherbotie J, Chavers B, Grimm P, Navarro M, Lirenman D, Clark G, Walker R, Broyer M, Tonshoff B, Ramos E: Mycophenolate Mofetil (MMF) oral suspension in pediatric renal transplantation. Presented at the 11th Congress of the International Pediatric Nephrology Association, London, UK, Sept 1998.
87. Flynn JT, Frisch K, Kershaw DB, Sedman AB, Smoyer WE, **Bunchman TE**: Response to early MMR vaccination in infants with chronic renal failure (CRF). *J Am Soc Nephrol* 1998; 9:71A. Presented at the 31st Annual Meeting for the American Society of Nephrology at Philadelphia, PA, Oct 1998.
88. Smoyer WE, Johnson KJ, **Bunchman TE**: Long term clinical and histologic follow-up of children on cyclosporin for nephrotic syndrome. *J Am Soc Nephrol* 1998; 9:161A. Presented at the 31st Annual Meeting for the American Society of Nephrology at Philadelphia, PA, Oct 1998.
89. **Bunchman TE**, Smoyer WE, Gardner JJ, Maxvold NJ: Improving survival rates in pediatric acute renal replacement therapy. *J Am Soc Nephrol* 1998; 9:128A. Presented at the 31st Annual Meeting for the American Society of Nephrology at Philadelphia, PA, Oct 1998.
90. Sherbotie JR, Flynn JT, **Bunchman TE**: Immunosuppressive regimens in pediatric isolated renal transplantation. *J Am Soc Nephrol* 1998; 9:698A. Presented at the 31st Annual Meeting for the American Society of Nephrology at Philadelphia, PA, Oct 1998.
91. Sherbotie J, **Bunchman TE**, Navarro M, Broyer M, Chavers B, Tonshoff B, Grimm P, Lerner G, Lirenman D, Greenbaum L, Walker R, Zimmerhack L, Blowey D, Clark G, Ettenger R, Ramos E: Mycophenolate Mofetil (MMF) Oral Suspension in Pediatric Renal Transplantation. Accepted for oral presentation by the American Society of Transplant Physicians in Chicago, IL, May 1999.
92. Broyer M, **Bunchman TE**, Navarro M, Sherbotie J, Chavers B, Tonshoff B, Grimm P, Lerner G, Lirenman D, Greenbaum L, Walker R, Zimmerhackl L, Blowey D, Clark G, Ettenger R, and Ramos E: Preliminary pharmacokinetics, safety and efficacy of mycophenolate mofetil (MMF) oral suspension in pediatric renal transplantation. Accepted for poster presentation to the 9th Congress of the European Society of Organ Transplantation in Oslo, Norway, June 1999.
93. Flynn JT, Smoyer WE, **Bunchman TE**: Amlodipine provides effective blood pressure (BP) control in children with primary or secondary hypertension (HTN). *Am J Hypertens* 1999; 12:124A.
94. **Bunchman TE**, Flynn JT, Sung RS, Magee JC, Brophy PD: Improved short-term outcome in pediatric renal transplantation with mycophenolate mofetil. Presented at American Society of Transplant Physicians, 18th Annual Scientific Meeting, May 1999.
95. Flynn JT, Mottes TA, Kershaw DB, Smoyer WE, **Bunchman TE**: Safety and efficacy of Nicardipine (NC) for hypertensive emergencies in children (CH). *Am J Hypertens* 1999; 12:124A.
96. Brophy PD, Flynn JT, **Bunchman TE**: Safety of concomitant use of atorvastatin and cyclosporine in children. *Pediatr Res* 1999; 45:330A, abstract 1944.

97. Mottes, TA, Brophy PD, Kudelka TL, Dorsey LK, Gardner JJ, Maxvold NJ, **Bunchman TE**: Hemofilter hematocrit changes (and clotting potential) in pediatric hemofiltration: Pre-filter CVVH vs CVVHD. *Blood Purif* 1999; 17:26.
98. Maxvold NJ, Flynn JT, Smoyer WE, Brophy PD, Mottes TA, Kudelka TL, Dorsey LK, Gardner JJ, **Bunchman TE**: Prospective, crossover comparison of bicarbonate vs lactate-based dialysate for pediatric CVVHD. *Blood Purif* 1999; 17:27.
99. Smoyer, WE, Kudelka TL, Gardner JJ, **Bunchman TE**: Prospective IN VIVO and IN VITRO analyses of dialysate and ultrafiltrate pump accuracy and pressure changes during CRRT. *Blood Purif* 1999; 17:33.
100. **Bunchman TE**, Brophy PD, Mottes TA, Kudelka TL, Dorsey LK, Gardner JJ, Maxvold NJ: Sequential plasmapheresis and renal replacement therapy in pediatrics. *Blood Purif* 1999; 17:25.
101. Flynn JT, Frisch K, Kershaw DB, Sedman AB, Smoyer WE, **Bunchman TE**: Response to early MMR vaccination in infants with chronic renal failure and/or receiving PD. *Perit Dial Int* 1999; 19(Suppl 1):S72.
102. Flynn JT, Mottes TA, Smoyer WE, Kershaw DB, **Bunchman TE**: Safety and efficiency of Nicardipine (NC) for hypertensive emergencies in children (CH). Presented at University of Michigan, Department of Pediatrics 10th Annual Pediatric Research Symposium in Ann Arbor, MI, Oct 1999.
103. Brophy PD, Flynn JT, Kershaw DB, Smoyer WE, Mottes T, Maxvold NJ, **Bunchman TE**: Pediatric overdose: Effective treatment with high efficiency hemodialysis. Abstract A0708 presented at the American Society of Nephrology 32nd annual meeting and scientific exposition, Nov 1999.
104. Flynn JT, Brophy PD, Meyer RJ, Kershaw DB, Smoyer WE, **Bunchman TE**: Hemodialysis (HD) followed by continuous hemofiltration for treatment of lithium (Li) intoxication in children. Abstract A0726 presented at the American Society of Nephrology 32nd annual meeting and exposition, Nov 1999.
105. **Bunchman TE**, Brophy PD, Flynn JT, Kershaw DB, Maxvold NJ, Smoyer WE: Pediatric renal replacement therapies: Diseases, modalities and outcome. Abstract A0709 presented at the American Society of Nephrology 32nd annual meeting and exposition, Nov 1999.
106. Brophy, PD, Thomas, SE, **Bunchman TE**: T-cell subsets during pediatric polyclonal induction in renal transplant recipients: Thymoglobulin vs ATGAM vs ALG. Presented at the Transplant Fellows Research Symposium, Dec 1999.
107. Meyer RJ, Brophy TE, **Bunchman TE**, Annich GM, Maxvold NJ, Mottes TA, Custer JR: Hemofiltration during pediatric ECMO. Presented at Critical Care Colloquium, Vol 10, No. 4, Pg 155, 1999.
108. **Bunchman TE**, Maxvold NJ, Annich GM, Brophy PD, Mottes TA, Custer JR: Predictors of survivors in pediatric renal replacement therapy (RRT). Presented at Critical Care Colloquium, Vol 10, No. 4, Pg 157, 1999.
109. Flynn JT, Kershaw DB, Smoyer WE, **Bunchman TE**: Use of acute access for peritoneal dialysis (PD) in children with acute renal failure (ARF). Pediatric Dialysis
110. Flynn JT, Kershaw DB, Smoyer WE, **Bunchman TE**: Use of peritoneal

- dialysis (PD) for management of pediatric acute renal failure (ARF) in the 90's. Presented at the 20th Annual Dialysis Conference, San Francisco, CA, Feb 2000.
111. Brophy PD, McBryde KD, Mottes TA, **Bunchman TE**: Gentamicin and vancomycin dosing in a pediatric intensive care unit population receiving renal replacement therapy. *Blood Purif* 2000; 18:abstract 31. Presented at CRRT.
 112. Brophy PD, McBryde KD, Mottes TA, Adams BJ, **Bunchman TE**: Characteristics of intraoperative continuous veno-venous hemofiltration in the pediatric intensive care unit. *Blood Purif* 2000; 18:abstract 33. Presented at CRRT.
 113. Brophy PD, Kudelka TL, Mottes TA, **Bunchman TE**: Techniques to avoid hypotensive dialyzer reactions in the pediatric population requiring blood priming for continuous veno-venous hemofiltration. *Blood Purif* 2000; 18:abstract 34. Presented at CRRT.
 114. Smoyer WE, Gardner AV, Mottes TA, Gardner JJ, Brophy PD, McBryde KD, **Bunchman TE**: Early experience with the safety and effectiveness of the Cobe PRISMA for Pediatric CRRT. *Blood Purif* 2000; 18:abstract 35. Presented at CRRT.
 115. Mottes TA, Gardner JJ, Kudelka TL, Dorsey LK, Adams BJ, Gardner AV, Brophy PD, **Bunchman TE**: Conversion from adapted to the Cobe PRISMA system in pediatric CRRT: Impact of bedside nursing education and overtime costs. *Blood Purif* 2000; 18:abstract 45. Presented at CRRT.
 116. Brophy PD, Tenebein M, Gardner JJ, **Bunchman TE**, Smoyer WE: Childhood diethylene glycol poisoning treated with alcohol dehydrogenase inhibitor fomepizole and hemodialysis. *Blood Purif* 2000; 18:abstract 16. Presented at CRRT.
 117. Brandt S, Watkins S, Chandler W, Jelacic S, Ciol M, Arbus G, **Bunchman TE**, Hogg R, Lande M, Siegler R, Tarr P: Early coagulation indices predict initial outcome of diarrhea associated hemolytic uremic syndrome (D+ HUS) – interim analysis. Presented to Pediatric Academic Societies & American Academy of Pediatrics Joint Meeting, Mar 2000.
 118. Brophy PD, Thomas SE, McBryde KD, **Bunchman TE**: Polyclonal induction agents in pediatric transplantation: Thymoglobulin vs ATGAM vs. ALG and T-cell subsets. Presented at Pediatric Academic Societies & American Academy of Pediatrics Joint Meeting, Mar 2000.
 119. McBryde KD, Pasko DA, Flynn JE, Brophy PD, Thomas SE, **Bunchman TE**: Bradycardia associated with Thymoglobulin therapy for acute cellular rejection in pediatric renal transplantation. . Presented at Pediatric Academic Societies & American Academy of Pediatrics Joint Meeting, Mar 2000.
 120. Brophy PD, Kudelka TL, Mottes TA, **Bunchman TE**: Avoidance of hypotensive dialyzer reactions when blood priming in the pediatric patient. Presented at 3rd World Congress on Pediatric Intensive Care, 2000.
 121. Brophy PD, Thomas SE, McBryde KD, Pasko D, Magee J, **Bunchman TE**: Pediatric renal transplant experience and use of CytoGam®. Presented at 1st Congress of the International Pediatric Transplant Association in Venice,

- Italy, Aug 2000.
122. Brophy PD, Thomas SE, McBryde KD, **Bunchman TE**: Flow cytometric of polyclonal induction agents in renal transplant recipients. Presented at 1st Congress of the International Pediatric Transplant Association in Venice, Italy, Aug 2000.
 123. Bartosh SM, Brophy PD, Hmiel P, **Bunchman TE**: Thymoglobulin induction in pediatric renal transplantation. Presented at 1st Congress of the International Pediatric Transplant Association in Venice, Italy, Aug 2000.
 124. Toenshoff B, **Bunchman TE**, Sherbotie J, Navarro M, Broyer M, Chavers B, Birk P, Lerner G, Lirenman D, Greenbaum L, Walker R, Zimmerhackl L, Blowey D, Clark G, Ettenger R, Ramos, E: One year results of mycophenolate mofetil (MMF) suspension in pediatric renal transplantation, presented at first congress of the International Pediatric Transplant Association in Venice, Italy, Aug 2000.
 125. Chavers B, **Bunchman TE**, Sherbotie J, Navarro M, Broyer M, Toenshoff B, Birk P, Lerner G, Lirenman D, Greenbaum L, Walker R, Zimmerhackl L, Blowey D, Clark G, Ettenger R, Ramos, E: Pharmacokinetic (PK), safety, and efficacy results of mycophenolate mofetil (MMF) oral suspension in pediatric renal transplantation. Presented at 1st Congress of the International Pediatric Transplant Association in Venice, Italy, Aug 2000.
 126. Brophy PD, McBryde KD, Mottes TA, Dorsey LK, Adams BJ, **Bunchman TE**: Intraoperative continuous renal replacement therapy in pediatrics. *J Am Soc Nephrol* 2000; 11:316A, abstract A1655. ASN 33rd Annual Meeting, 2000.
 127. **Bunchman TE**, Brophy PD, McBryde KD, Meyer RJ, Maxvold NJ: Pediatric renal replacement therapy (RRT) and extracorporeal life support (ECMO): Survival and renal recovery. *J Am Soc Nephrol* 2000; 11:316A, abstract A1657. ASN 33rd Annual Meeting, 2000.
 128. GR Lerner, AS Kale, BA Warady, KL Jabs, **Bunchman TE**, BJ Maroni, A Heatherington, K Olson, and L Messer-Man: The pharmacokinetics of novel erythropoiesis stimulating protein (NESP) in pediatric patients with chronic renal failure (CRF) or end stage renal disease. *J Am Soc Nephrol* 2000; 11:282A, abstract A1479. ASN 33rd Annual Meeting, 2000.
 129. Flynn JT, Warnick SJ, Smoyer WE, Brophy PD, Kershaw DB, McBryde KD, **Bunchman TE**: Management of acute hypertension (HTN) in children (CH) with isradipine (IS). *J Am Soc Nephrol* 2000; 11:346A, abstract A1811. ASN 33rd Annual Meeting, 2000.
 130. McBryde KD, Gregory MJ, Brophy PD, Maxvold NJ, Gardner JJ, Mottes TA, **Bunchman TE**: Renal replacement therapy in metabolic diseases. *J Am Soc Nephrol* 2000; 11:108A, abstract A0586. ASN 33rd Annual Meeting, 2000.
 131. Tipton KB, Hicks TC, White SH, Richards CM, Franklin PM, **Bunchman TE**, Benfield MR: Iron dextran: Use in pediatric end stage renal disease. Poster presentation at the 21st Annual Conference on Dialysis in New Orleans, LA, Feb 2001.
 132. Johnson PM, Maxvold NJ, **Bunchman TE**: Citrate anticoagulation for pediatric CRRT. Poster session at 6th Annual CRRT Meeting in San Diego,

- CA, Mar 2001.
133. Gregory MJ, Brophy PD, Mottes TA, **Bunchman TE**: Complications of continuous renal replacement therapy in children. Poster session at 6th annual CRRT meeting in San Diego, CA, Mar 2001.
 134. McBryde KD, Brophy PD, Kudelka TL, Pasko DA, **Bunchman TE**: Treatment of hyperosmolarity utilizing continuous renal replacement therapy. Poster session at 6th Annual CRRT Meeting in San Diego, CA, Mar 2001.
 135. Maxvold NJ, Johnson PM, Barnett J, Tipton K, **Bunchman TE**: Prismatherm: The era of hypothermic pediatric CRRT is over. *Blood Purif* 2001; 19:341.
 136. **Bunchman TE**, Maxvold NJ, Barnett J, Benfield MR: Pediatric hemofiltration (HF): Citrate anticoagulation and bicarbonate based Normocarb® dialysis solution. Presented at the ASN in San Francisco, Oct 2001.
 137. Symons JM, Brophy PD, Gregory MJ, McAfee N, Somers MJG, **Bunchman TE**, Goldstein SL: Continuous renal replacement therapy in pediatric patients weighing 10 kg or less. *Blood Purif* 2002; 20:306. Poster session at 7th Annual CRRT Meeting in San Diego, CA, Mar 2002.
 138. **Bunchman TE**, Rhodes R, Maxvold NJ: Normocarb® vs. hemofiltration solution vs. pharmacy produced: Costs and Liability. *Blood Purif* 2002; 20:314. Poster session at 7th Annual CRRT Meeting in San Diego, CA, Mar 2002.
 139. Symons JM, Somers MJG, Brophy PD, Gregory M, McAfee N, **Bunchman TE**, Goldstein SL: A multicenter study of continuous renal replacement therapy for critically ill infants weighing less than 10 kilograms. Accepted for presentation at the Society of Pediatric Research in Baltimore, MD, May 2002.
 140. Panzarino V, Ramirez F, **Bunchman TE**: Effects of tacrolimus and alternate day steroids on lipid and glucose metabolism in children with nephrotic syndrome. Presented at ASN at Philadelphia, PA, 2002.
 141. Goldstein SL, Somers MJG, Symons JM, McAfee N, **Bunchman TE**, Barnett J, Gregory M, Mottes T, Brophy PD, Feig DI: The first report of the multi-center Prospective Pediatric Continuous Renal Replacement Therapy Registry. Presented at the ASN at Philadelphia, PA, 2002.
 142. Goldstein SL, Somers MJG, Symons JM, Brophy PD, Baum M, **Bunchman TE**: Pediatric multi-organ system failure: A report from the ppCRRT Registry Group. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
 143. Goldstein SL, Somers MJG, Symons JM, Brophy PD, Baum M, **Bunchman TE**: Anticoagulation for Pediatric CRRT: A report from the ppCRRT Registry Group. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
 144. Somers MJG, Baum M, Symons JM, Brophy PD, **Bunchman TE**, Goldstein SL: Non-renal indications for CRRT: A report from the ppCRRT Registry Group. Presented at the 8th CRRT in San Diego, CA, Mar 2003.

145. Symons JM, **Bunchman TE**, Baum M, Brophy PD, Somers MJG, Goldstein SL: Technical characteristics of pediatric CRRT: A report from the ppCRRT Registry Group. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
146. Baum M, Somers MJG, Symons JM, Brophy PD, **Bunchman TE**, Goldstein SL: CRRT in children less than 10 kg: A report from the ppCRRT Registry Group. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
147. Maxvold NJ, Katz A, **Bunchman TE**: REE in pediatric rhabdomyolysis with acute renal failure on CRRT. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
148. **Bunchman TE**, Barnett JR, Maxvold NJ: CVVHD: An adjunct to normal renal function for solute clearance in tumor lysis syndrome. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
149. Maxvold NJ, **Bunchman TE**, Katz A: Myoglobin removal by CVVH(D): Effect of dialyzer size, convection and diffusion. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
150. **Bunchman TE**, Benner KW, Rhodes RW, Barnett JR, Maxvold NJ: Normocarb® as a replacement fluid for convective clearance in CVVH. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
151. Hass J, Cerda J, **Bunchman TE**, Gardner A: Hospital reimbursement and cost benefits of CRRT. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
152. Brophy PD, Mottes TA, Barletta GM, Cramer CH, **Bunchman TE**: Access for pediatric CRRT. Presented at the 8th CRRT in San Diego, CA, Mar 2003.
153. Panzarino VM, Orak JK, Hebert R, Benfield MR, Ramirez F, **Bunchman TE**: A multi-center trial of tacrolimus in childhood nephrotic syndrome. Presented at the 2003 Pediatric Academic Society in Seattle, WA, Mar 2003.
154. Somers MJ, Baum MA, Symons JM, **Bunchman TE**, Brophy PD, Fortenberry J, Blowey D, Goldstein SL: Continuous renal replacement therapy in children <10 kg. Presented at 2003 ASN in San Diego, CA, Nov 2003.
155. Brophy PD, **Bunchman TE**, Baum M, Blowey D, Fortenberry J, Somers MJ, Symons JM, Goldstein SL: Anticoagulation in pediatric hemofiltration. Presented at 2003 ASN in San Diego, CA, Nov 2003.
156. Goldstein SL, Somers MJ, Symons JM, Brophy PD, Baum M, Fortenberry J, Blowey D, **Bunchman TE**: Pediatric multi-organ dysfunction syndromes (MODS) outcomes. Presented at ASN in San Diego, CA, Nov 2003.
157. Symon JM, Somers MJ, Baum MA, **Bunchman TE**, Brophy PD, Fortenberry J, Blowey DL, Goldstein SL: Demographics of pediatric CRRT. Presented at ASN in San Diego, CA, Nov 2003.
158. Barletta GM, Kershaw DB, Mottes TA, McBryde KD, **Bunchman TE**, Brophy PD: Intraoperative continuous renal replacement therapy in pediatric intensive care unit patients. Presented at ASN in San Diego, CA, Nov 2003.
159. **Bunchman TE**, Brophy PD, Somers MJ, Symons JM, Baum M, Fortenberry J, Blowey D, Goldstein SL: Protein and caloric delivery in pediatric CRRT. Presented at ASN in San Diego, CA, Nov 2003.
160. Goldstein SL, Brophy PD, Somers MJG, Symons JM, Fortenberry JD, Baum MA, **Bunchman TE**: Continuous renal replacement therapy (CRRT) for

- pediatric acute renal failure: A report from the Prospective Pediatric CRRT (ppCRRT) Registry Group. Presented at the 2004 ASPN Annual Meeting in San Francisco, CA, May 2004.
161. Somers MJG, Symons JM, Brophy PD, Blowey D, Baum MA, **Bunchman TE**, Fortenberry J, Goldstein SL: Continuous renal replacement therapy in children <10 kg: A report from the Prospective Pediatric Continuous Renal Replacement Therapy Registry. Presented at the 2004 ASPN Annual Meeting in San Francisco, CA, May 2004.
 162. Symons JM, Somers MJG, Baum MA, Brophy PD, Blowey D, Fortenberry J, **Bunchman TE**, Goldstein SL: Demographics of pediatric CRRT: A report of the Prospective Pediatric CRRT (ppCRRT) Registry Group. Presented at the 2004 ASPN Annual Meeting in San Francisco, CA, May 2004.
 163. **Bunchman TE**: Pediatric ESRD transition to adult ESRD. Presented at the 2nd Annual West Michigan Symposium for Renal Professionals, Grand Rapids, MI, September 14, 2004.
 164. Barletta GM, Gast T, Gardner JJ, Raab LA, Kusters K, Monks S, **Bunchman TE**: Use of darbepoetin alfa for treatment of anemia associated with chronic kidney disease in pediatric patients. Presented at the 2004 American Society of Nephrology conference in St. Louis, MO, October 2004.
 165. Barletta GM, Gast T, Gardner JJ, Raab LA, Kusters K, Monks S, Bunchman TE: Effects of megestrol acetate on appetite stimulation and growth in pediatric patients with chronic kidney disease. Presented at the 2004 American Society of Nephrology conference in St. Louis, MO, October 2004.
 166. **Bunchman TE**: Participated in the K-DOQI Vascular Access Work Group meeting, Atlanta, GA, Nov 2004.
 167. Flores FX, Brophy PD, Symons JM, Fortenberry J, Chua AN, Alexander SR, Mahan J, **Bunchman TE**, Blowey D, Somers MJG, Baum M, Hackbarth R, Chand D, McBryde K, Goldstein SL: CRRT in pediatric bone marrow transplant patients: A report from the prospective pediatric CRRT (ppCRRT) registry group. Presented at the 10th International Conference on CRRT, San Diego, CA, March 2005.
 168. Goldstein SL, Symons JM, Somers MJG, Baum MA, Brophy PD, Blowey DL, Flores FX, **Bunchman TE**, Hackbarth RM, Mahan JD, Chand DH, Alexander SR, Chua A, McBryde K, Fortenberry JD: Pediatric CRRT for multiorgan dysfunction syndrome (MODS): A prospective pediatric (ppCRRT) CRRT registry group report. Presented at the 10th International Conference on CRRT, San Diego, CA, March 2005.
 169. McBryde KD, Symons JM, Somers MJG, Baum MA, Brophy PD, Blowey DL, Flores FX, **Bunchman TE**, Hackbarth RM, Mahan JD, Chand DH, Alexander SR, Fortenberry JD, Chua A, Goldstein FL: Non-renal indications for continuous renal replacement therapy (CRRT): A report from the prospective pediatric CRRT (ppCRRT) registry group. Presented at the 10th International Conference on CRRT, San Diego, CA, March 2005.
 170. Somers MJG, Goldstein SL, Symons JM, Brophy PD, Blowey, Flores FX, McBryde KD, **Bunchman TE**, Hackbarth R, Mahan JD, Chand DH, Alexander SR, Fortenberry JD, Chua A, Baum MA: Continuous renal

- replacement therapy (CRRT) in children <10 kilograms: A prospective pediatric continuous renal replacement therapy (ppCRRT) registry group report. Presented at the 10th International Conference on CRRT, San Diego, CA, March 2005.
171. Symons JM, Somers MJG, Baum MA, **Bunchman TE**, Brophy PD, Blowey D, Fortenberry JD, Chand D, Flores FX, Hackbarth R, Alexander SR, Chua AN, Mahan J, McBryde KD, Goldstein SL: Demographic characteristics of pediatric CRRT: A report of the prospective pediatric continuous renal replacement therapy (ppCRRT) registry group. Presented at the 10th International Conference on CRRT, San Diego, CA, March 2005.
 172. Hackbarth RM, Sanfilippo DJ, Maxvold NJ, Barletta GM, **Bunchman TE**: Vascular access in pediatric CRRT. Presented at the 10th International Conference on CRRT, San Diego, CA, March 2005.
 173. Goldstein SL, Symons JM, Somers MJG, Baum MA, Brophy PD, Blowey DL, Flores FX, **Bunchman TE**, Hackbarth RM, Mahan JD, Chand DH, Alexander SR, Chua A, McBryde KD, Fortenberry JD: Pediatric CRRT for multiorgan dysfunction syndrome (MODS): A prospective pediatric (ppCRRT) CRRT registry group report. Presented at the 2005 APS/SPR annual conference in Washington, DC, May 2005.
 174. McBryde KD, Symons JM, Somers MJG, Baum MA, Brophy PD, Blowey DL, Flores FX, **Bunchman TE**, Hackbarth RM, Mahan JD, Chand DH, Alexander SR, Fortenberry JD, Chua A, Goldstein SL: Non-renal indications for continuous renal replacement therapy (CRRT): A report from the prospective pediatric CRRT (ppCRRT) registry group. Presented at the 2005 PAS annual conference in Washington, DC, May 2005.
 175. Barletta GM, Gardner JJ, Raab LA, Kusters K, Monks S, Gast T, **Bunchman TE**: Treatment of anemia associated with chronic kidney disease with darbepoetin alfa. Presented at 2005 PAS/AST annual conference, Washington, DC, May 2005.
 176. Berryman J, Brophy PD, **Bunchman TE**, Barletta GM: Familial isolated hypoparathyroidism with secondary nephrocalcinosis and cerebral calcinosis. Presented at 2005 PAS/AST annual conference, Washington, DC, May 2005.
 177. Hijazi R, **Bunchman TE**, Barletta GM: Treatment of tertiary hyperparathyroidism with Cinacalcet. Presented at 2005 PAS/AST annual conference, Washington, DC, May 2005.
 178. Barletta GM, Gast T, Gardner JJ, Raab LA, Kusters K, Monks S, **Bunchman TE**: Appetite stimulation and growth in pediatric patients with chronic kidney disease treated with megestrol acetate. Presented at 2005 PAS/AST annual conference, Washington, DC, May 2005.
 179. Barletta GM, **Bunchman TE**: Novel use of cinacalcet hydrochloride for treatment of tertiary hyperparathyroidism in a pediatric renal transplant patient. Presented at the American Transplant Congress annual conference in Seattle, WA, May 2005.
 180. Hoecker B, Weber LT, **Bunchman TE**, Rashford M, Toenshoff B: Mycophenolate mofetil suspension in pediatric renal transplantation: 3-year data from the

- tricontinental trial. Presented at the 3rd Congress of the International Pediatric Transplant Association, Innsbruck, Austria, Aug 6-9 2005.
181. Barletta GM, **Bunchman TE**: Novel use of cinacalcet for treatment of tertiary hyperparathyroidism (tHPT) in a pediatric renal transplant patient. Presented at the 3rd Congress of the International Pediatric Transplant Association, Innsbruck, Austria, Aug 6-9 2005.
 182. Weber LT, Hoecker B, **Bunchman TE**, Rashford M, Toenshoff B, The Tricontinental MMF Suspension Study Group: Long-term pharmacokinetics of mycophenolate mofetil (MMF) suspension in pediatric renal transplant patients. Presented at the 3rd Congress of the International Pediatric Transplant Association, Innsbruck, Austria, Aug 6-9 2005.
 183. Barletta GM, Pietryga D, Abdel-Mageed A, **Bunchman TE**: Use of darbepoetin alfa for treatment of anemia associated with chronic kidney disease in pediatric bone marrow transplant patients. Presented at the 3rd Congress of the International Pediatric Transplant Association, Innsbruck, Austria, Aug 6-9 2005.
 184. Barletta GM, **Bunchman TE**: Novel use of cinacalcet hydrochloride for treatment of tertiary hyperparathyroidism in a pediatric renal transplant patient. Presented at the 38th Annual American Society of Nephrology Renal Week in Philadelphia, PA, November 2005.
 185. Gast TR, Barletta GM, **Bunchman TE**: Temporary full nutritional management of anuric pediatric end-stage renal disease (ESRD) patients off dialysis. Presented at the 38th Annual American Society of Nephrology Renal Week in Philadelphia, PA, November 2005.
 186. Barletta GM, **Bunchman TE**: Anticardiolipin antibodies in pediatric systemic lupus erythematosus is under recognized and under reported. Presented to the 38th Annual American Society of Nephrology Renal Week in Philadelphia, PA, November 11, 2005.
 187. Goldstein SL, Brophy PD, **Bunchman TE**, Hackbarth R, Blowey D: Evaluation of the Prisma M10 circuit in critically ill infants requiring continuous renal replacement therapy (CRRT). Presented at the 11th International Conference on Continuous Renal Replacement Therapies in San Diego, CA, March 2-4, 2006.
 188. Simon DH, Seidel K, Goldstein SL, Somers MJG, Baum MA, **Bunchman TE**, Brophy PD, Blowey D, Fortenberry JD, Chand D, Flores FX, Hackbarth R, Alexander SR, Mahan J, McBryde KD, Symons JM: Fluid removal rate and mortality in pediatric CRRT: A report of the prospective pediatric continuous renal replacement therapy (ppCRRT) registry group. Presented at the 11th International Conference on Continuous Renal Replacement Therapies in San Diego, CA, March 2-4, 2006.
 189. Symons JM, Somers MJG, Baum MA, **Bunchman TE**, Brophy PD, Blowey D, Fortenberry JD, Chand D, Flores FX, Hackbarth R, Alexander SR, Mahan J, McBryde KD, Goldstein SL: Demographic characteristics of pediatric CRRT: A report of the prospective pediatric continuous renal replacement therapy (ppCRRT) registry group. Presented at the 11th International Conference on Continuous Renal Replacement Therapies in San Diego, CA, March 2-4,

- 2006.
190. Flores FX, Brophy PD, Symons JM, Fortenberry J, Chua AN, Alexander SR, Mahan J, **Bunchman TE**, Blowey D, Somers MJG, Baum M, Hackbarth R, Chand D, McBryde K, Goldstein SL: CRRT in pediatric sepsis: A report of the prospective pediatric continuous renal replacement therapy (ppCRRT) registry group. Presented at the 11th International Conference on Continuous Renal Replacement Therapies in San Diego, CA, March 2-4, 2006.
 191. Barletta GM, **Bunchman TE**: Rapid discontinuation of corticosteroids in pediatric renal transplantation. Abstract # 950787. 2006 World Transplant Congress in Boston, MA, July 22-27, 2006.
 192. Barletta GM, **Bunchman TE**: Rapid discontinuation of corticosteroids in pediatric renal transplantation. 2006 ASN Renal week in San Diego, CA, November 14-19, 2006.
 193. **Bunchman TE**, Hackbarth RM, Maxvold NJ, Winters, JW, Barletta GM: Prevention of dialysis disequilibrium by use of hemofiltration in pediatric patients. Presented at 2006 ASN Renal week in San Diego, CA, November 14-19, 2006.
 194. Barletta JF, McAllen KJ, Steele B, Hage M, **Bunchman TE**, Barletta GM: Resource utilization and cost of commercially available versus manually compounded solutions used or dialysate in continuous renal replacement therapy. 2006 ASN Renal week in San Diego, CA, November 14-19, 2006.
 195. **Bunchman TE**, Barletta GM, Winters JW, Gardner JJ, McBryde KD: Sodium phenylacetate and benzoate clearance on serial hemodialysis and hemofiltration in an infant with hyperammonemia. 2006 ASN Renal week in San Diego, CA, November 14-19, 2006.
 196. McBryde KD, Symons JM, Somers MJG, Baum MA, Brophy PD, Blowey DL, Flores FX, **Bunchman TE**, Hackbarth RM, Mahan JD, Chand DH, Alexander SR, Fortenberry JD, Chua A, Goldstein SL: Continuous renal replacement therapies: A comparison of the Prospective Pediatric CRRT (ppCRRT) Registry Group to other US programs. 2006 ASN Renal week in San Diego, CA, November 14-19, 2006.
 197. **Bunchman TE**, Barletta GM, Winters JW, Gardner JJ, McBryde KD: Sodium phenylacetate and benzoate clearance with serial hemodialysis and hemofiltration in an infant with hyperammonemia. 2007 PAS Meeting in Toronto, Canada.
 198. **Bunchman TE**, Hackbarth RM, Maxvold NJ, Winters JW, Barletta GM: Prevention of dialysis disequilibrium by use of hemofiltration in pediatric patients. 2007 PAS Meeting in Toronto, Canada.
 199. Barletta GM, **Bunchman TE**: Rapid discontinuation of corticosteroids in pediatric renal transplantation. 2007 PAS Meeting in Toronto, Canada.
 200. Goldstein SL, Chua AN, Loftis LL, **Bunchman TE**, Hackbarth R, Fortenberry JD, Tobe S, Leung J, Jaber J, Silverstein DM: Cytokine Clearance by Continuous Renal Replacement Therapy: A Comparison of Convection Versus Diffusion Report by the Prospective Pediatric CRRT (ppCRRT) Registry Group. American Society of Nephrology, November 2008.

201. van Venrooij Natalie MD, Gelfand Steven MD, Crumb Teri RN, Hobbs David MBSc, **Bunchman TE**: Serial Glomerular and Tubular Proteinuria in Premature Infants. Presented at 2009 PAS Meeting in Baltimore, MD.
202. van Venrooij Natalie MD, Gelfand Steven MD, Crumb Teri RN, Junewick Joseph MD, Hobbs David MBSc, **Bunchman TE**: Ultrasound demonstration of Renal Growth in Premature Infants. 2009 PAS Meeting in Baltimore, MD.
203. Hobbs DJ, Barletta GM, Rajpal JS, Miriam NR, van Venrooij NA, **Bunchman TE**: Anticardiolipin (aCL) Antibodies at Presentation in Severe Pediatric Systemic Lupus Erythematosus (SLE) Nephritis. 2009 PAS Meeting in Baltimore, MD.
204. Hobbs DJ, **Bunchman TE**, Ferguson K, Gast T, van Venrooij NA, Barletta GM: Megestrol Acetate (MA) Effectively Improves Growth in Pediatric Patients (Pts) with Chronic Kidney Disease (CKD). 2009 PAS Meeting in Baltimore, MD.
205. Hepperman BM, **Bunchman TE**, Winters JW, Judge BS: Acute Nicotine Poisoning in a Toddler Resulting in Hyponatremia. 2009 NACCT in San Antonio, TX. Sept. 2009.
206. Hobbs DJ, Steinke JM, Chung JY, Barletta GM, **Bunchman TE**: Rasburicase improves hyperuricemia in infants with acute renal injury. 2009 ASN Meeting in San Diego, CA, Oct. 2009.
207. van Venrooij NA, Hobbs DJ, Ferguson MA, Devarajan P, Bonventre J, Crumb TL, Davis AT, **Bunchman TE**: “Sequential Urinary NGAL, IL-18 and KIM-1 in Premature Infants”, ASN Meeting in San Diego, CA, Oct. 2009.
208. Hackbarth RM, Eding DM, **Bunchman TE**. “A retrospective review of prescribed versus delivered CRRT dose in children: How close do we come to our set goals?” CRRT Meeting in San Diego, CA, March 2010.
209. Goslin BJ, DeCou JM, Robertson DJ, **Bunchman TE**. “Pretransplant Laparoscopic Nephrectomies in Pediatric Patients”, IPEG’s 19th Annual Congress for Endosurgery in Children meeting in Waikoloa, Hawaii, June 8-12, 2010.
210. Ferris M, Kaskel F, Hildago G, Mena E, Salusky I, Orta N, Zilleruello G, Bonilla-Felix M, Satlin L & **Bunchman T** International Pediatric Nephrologists’ Response to the 2010 Haiti Earthquake. Presented at IPNA Aug 31, 2010 New York, NY.
211. **Bunchman TE** Pediatric CRRT for Severe Hyperosmolarity & AKI presented ASN 2011.
212. Gajewski,SL, **Bunchman, TE**: Short Term use of Renal Cal to Provide Sufficient Nutrition in Pediatric Patients When Dialysis is Suspended. Present at the 32nd Annual Dialysis Conference, San Antonio TX, Feb 2012.

➤ **LAY PRESS INTERVIEWES OR PUBLICATIONS**

Bunchman TE: Nephrotic syndrome in children. aakp Renal Life Jul/Aug 2007; 15-17.

Video advertisement for VCU Pediatric Transplantation, 2012

Bringing subspecialty care to your community VA Chapter of AAP 2013

Solid Organ Transplantation in Children. Va Chapter of the American Academy of Pediatrics. Fall 2013

➤ **PATIENT EDUCATION MATERIAL**

2012 Bunchman TE: TidBits Calendar for CHoR Enuresis in Children
1997 “Renal Resources Manual,” Published by the National Kidney Foundation of Michigan, Inc.
1998 “Handbook for Pediatric Kidney Patients and Their Families,”
Developed by National Kidney Foundation of Michigan, Inc., supported by an education grant from Amgen, Inc.

➤ **STUDY SECTION AT THE NIH**

2013 NIH review board for the CKIDs (Chronic Kidney Disease in Children) ongoing funding from years 11-15 April 3, 2013.

NIH section chief in cooperation with the NIDDK on Workshop on AKI in the Neonatal population April 9, 2013, Bethesda, MD.

2014 NIH Study Section on renal Scaring in VUR grant review June 17, 2014.