

CURRICULUM VITAE

NAME: Warren Edward Grupe
ADDRESS: 350 Barracks Hill
Charlottesville, Virginia 22901-8845

DATE OF BIRTH: December 27, 1933

PLACE OF BIRTH: Upper Darby, Pennsylvania, U.S.A.

EDUCATION:
1955 A.B. Johns Hopkins University, Baltimore, Maryland
1959 M.D. University of Pennsylvania, Philadelphia,
Pennsylvania

POSTDOCTORAL TRAINING:

Internship and Residencies:

1959-1960 Intern, Pennsylvania Hospital, Philadelphia,
Pennsylvania.
1960-1962 Resident in Pediatrics, University Hospitals of Cleveland,
Babies and Children's Hospital Cleveland, Ohio

Research Fellowships:

1964-1965 Research Fellow in Pediatric Nephrology, Western
Reserve University, Cleveland, Ohio
1965-1966 Research Fellow in Immunology, Department of
Pediatrics and Medicine, Western Reserve University, Cleveland
1966-1967 Research Fellow in Pediatric Nephrology, Western
Reserve University, Cleveland, Ohio

LICENSURE:

1965- Ohio, State Medical Board
1973- Massachusetts, Registration in Medicine
1987- New York State, Department of Education

ACADEMIC APPOINTMENTS:

1967-1969 Senior Instructor in Pediatrics, Western Reserve
University School of Medicine, Cleveland, Ohio
1969-1972 Assistant Professor of Pediatrics, Case Western Reserve
University School of Medicine, Cleveland, Ohio
1972-1973 Associate Professor of Pediatrics, Case Western Reserve
University School of Medicine, Cleveland, Ohio

1973-1987 Associate Professor of Pediatrics, The Children's Hospital, Harvard Medical School, Boston, Massachusetts
 1975-1985 Research Associate, Massachusetts Institute of Technology, Cambridge, Massachusetts
 1986-1991 Professor and Chairman, Department of Pediatrics, State University of New York, College of Medicine, Health Science Center, Syracuse, New York
 1993-1995 Professor of Pediatrics, Eastern Virginia Medical School, Norfolk, Virginia
 1993-1995 Professor of Pediatrics, Louisiana State University, School of Medicine, New Orleans, Louisiana
 1996- Clinical Professor of Pediatrics, University of Virginia, School of Medicine, Charlottesville, Virginia.

OTHER APPOINTMENTS:

1991-1992 Vice President for Medical Education, The People to People Health Foundation, Health Sciences Education Center, Millwood, Virginia
 1991-1992 The William B. Walsh, M.D. Chair in International Medicine, Project HOPE, Millwood, Virginia
 1992-1995 Medical Director, International Center for Children's Health, Norfolk, Virginia
 1995- Medical Director/Executive Director, International Center for the Health Sciences, Leesburg, Virginia

HOSPITAL APPOINTMENT:

1966-1970 Assistant Pediatrician, University Hospitals of Cleveland, Babies and Children's Hospital, Cleveland, Ohio
 1969-1973 Assistant Visiting Pediatrician, Cleveland Metropolitan General Hospital, Cleveland, Ohio
 1970-1973 Associate Pediatrician, University Hospitals of Cleveland, Rainbow Babies and Children's Hospital, Cleveland, Ohio
 1973-1987 Senior Associate in Medicine and Chief of the Division of Nephrology, The Children's Hospital, Boston, Massachusetts
 1985-1987 Chief, Kenneth Daniel Blackfan Medical Service, The Children's Hospital, Boston, Massachusetts
 1986-1991 Chief of Pediatrics, University Hospital, SUNY Health Science Center, Syracuse, New York

AWARDS AND HONORS:

1979 Named to: Pekkanen, J.: The Best Doctors in the U.S., Seaview Books, N.Y.
 1979 Named "best" End-Stage Renal Disease Program in the U.S.A. by Harper's BAZAAR
 1981 Honorary Member, Sociedad Peruana de Pediatria
 1984 N. Copernicus Medal, Medical Academy, Jagellonian University
 1986 Marquis, Who's Who in the East
 1987 Marquis, Who's Who in the World

1990-	Marquis, Who's Who in America
1997	Jacob Ehrenzeller Award, Pennsylvania Hospital

COMMITTEE ASSIGNMENTS:

International:

1977	Pediatric Dialysis Development Committee, Mexico City
1981-1991	Nephrology Consultant, Ministry of Health, Warsaw, Poland
1983	Consultant in Nephrology, Ministry of Health, Doha, Qatar
1989-1991	Consultant in Pediatrics, Ministry of Health, Moscow and Yerevan, USSR
1989-1992	Consultant in Pediatrics, Shanghai Second Medical University, Shanghai, China
1990-1992	Consultant in Pediatrics, Military Order of Malta, Dominican Republic
1994-	Board of Directors, US/Belarus Health Sciences Education Academy, Minsk, Republic of Belarus

National and Regional:

1970-1973	Regional Planning Committee, State of Ohio
1971-1973	Ohio Department of Health Kidney Disease Coordination Committee
1972-1973	Council on Dialysis and Transplantation; The National Kidney Foundation
1975-1977	Steering Committee, New England Dialysis Coordinating Council
1977-1980	ESRD Network Coordinating Council, Network #28: Medical Standards Committee - 1979-1980
1981-1991	Consultant in Pediatrics and Nephrology, Project HOPE, Millwood, Virginia
1989-1992	Medical Board, Project HOPE Health Sciences Education Center, Millwood, Virginia; Chairman-1990-1992
1989-1992	Chairman, Shanghai Children's Medical Center Senior Technical Advisory Group, Project HOPE, Millwood, Virginia
1992-1994	Medical Consultant, International Programs, Children's Hospital of Pittsburgh, Pittsburgh, Pennsylvania
1992-1994	Medical Advisor, Vishnevskaya-Rostropovich Foundation, Washington, D.C.
1993-1995	Medical Consultant, International Maternal and Child Health Institute, Louisiana State University Medical Center, New Orleans, Louisiana.
1994-	Board of Directors, Belarus-American Child Health Foundation, Pittsburgh, Pennsylvania; Treasurer-1994-
1994-	Board of Directors, International Center for the Health Sciences, Virginia; President-1994-

Case-Western Reserve University School of Medicine:

1966-1973	Phase II Urinary Tract Curriculum Committee
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1968-1972	Phase III Pediatric Core Curriculum Committee
1971-1973	Committee on Medical Education

University Hospitals, Babies and Children's Hospital:

1968-1970	Dialysis Selection Committee
1969-1971	Ad Hoc Committee on Organ Transplantation
1969-1972	Pediatric House Staff Training Committee; Chairman,
1971-1972	
1969-1972	Faculty Advisory Committee, Department of Pediatrics,
	Professional Fund (Pediatric Associates)

Children's Hospital Medical Center:

1974-1978	Ad Hoc Committee of the General Medical Services Fund, Department of Medicine
1976-1980	Residency Training Committee; Chairman, 1975-1977
1976-1978	Clinical Laboratory Advisory Committee
1977-1980	Committee on Clinical Investigation
1978	Nominating Committee, Medical Staff
1980-1984	Advisory Committee, General Medical Services Fund, Department of Medicine
1981-1987	Tissue Committee
1984-1986	Patient Care Committee of the Department of Medicine
1985-1987	Committee of Professors, Department of Medicine
1985-1987	Promotions Sub-committee, Department of Medicine
1987	Medical Consultant: The New Child Health Encyclopedia. Lovejoy FH Jr, ed. New York: Delacorte Press.

State University of New York:

1987-1991	President's Management Committee
1987-1991	College of Medicine Executive Committee
1987-1991	Dean's Executive Committee
1987-1991	Academic Promotions Committee
1987-1991	Clinical Services Planning Committee
1987-1991	Long Range Planning Committee
1987-1991	University Space Allocations Committee
1987-1989	Clinical Research Center: Executive Committee; Scientific Advisory Committee
1987-1991	Governing Board, Faculty of Medicine; Vice President,
1988-1991	
1987-1991	President, Executive Committee, Department of Pediatrics
1987-1991	Chairman, Committee of Professors, Department of Pediatrics
1987-1991	Medical Board, University Hospital
1987-1991	Nutrition Committee, University Hospital
1987-1989	Credentials Committee, University Hospital
1988-1991	Multidisciplinary Research Planning Committee
1988-1991	Student-Faculty Relations Committee

1988-1990	Secretary, Medical Staff, University Hospital
1988-1991	Staff Executive Committee, University Hospital
1990-1991	Treasurer, Medical Staff, University Hospital

EDITORIAL BOARD: International Journal of Pediatric Nephrology PedSat
Child Nephrology and Urology

MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

1966-1973	Northern Ohio Pediatric Society
1966-	International Society of Nephrology
1967-	American Society of Nephrology
1968-1973	The Kidney Foundation of Ohio; Medical Advisory Board, 1968-1973; Chairman, Medical Advisory Board, 1971-1973
1969-	The Society for Pediatric Research
1970-1978	Midwest Society for Pediatric Research
1971-1991	American Society of Pediatric Nephrology; Chairman: Nominating Committee, 1972-1973; Chairman: Nominating Committee, 1977-1978
1972-1976	Kidney Council, American Heart Association
1973-1987	New England Pediatric Society
1974-1976	National Kidney Foundation of Massachusetts; Medical Advisory Board, 1974-1977; Secretary, Medical Advisory Board, 1975-1976
1974	Clinical Liaison and Faculty, Symposium on Ethical Dilemmas in Chronic Renal Diseases, Department of Philosophy, Case Western Reserve University, May 25
1979	Faculty, Pediatric Urology Post-Graduate Seminar, American Urologic Association, New Orleans, February
1981-	American Pediatric Society
1981-1986	Pediatric Renal Research Foundation: Board of Directors; Medical Advisory Council
1981	Consensus Conference: Chronic Renal Disease; Unique Problems of the Child with Renal Failure: Protein Metabolism in Children with Renal Failure. The National Institutes of Health, NIAMDD, Bethesda, MD, March 5-6
1981-	Honorary Member: Sociedad Peruana de Pediatría
1981	Faculty and Teaching Seminar Leader: Los Congresos de Pediatría, VI Latinoamericano, XIII Panamericano y Nacional Extraordinario, Lima, Peru, October 25-30
1981	Section Chairman, Third International Symposium of Renal Insufficiency in Children, Cologne, Federal Republic of Germany, May 2-3
1982	Faculty and Discussant, International Meeting of Pediatric Nephrology, Instituto Giannina Gaslini, Genova, Italy, March 5-6
1982	Faculty and Section Chairman, International Workshop on Recent Advances in Diagnosis and Treatment of Children with Chronic Renal Failure, Heidelberg, Federal Republic of Germany, May 20-22

- 1983 Symposium Chairperson, Sixth International Symposium of Paediatric Nephrology, International Paediatric Nephrology Association, Hannover, Federal Republic of Germany, August 29-September 2
- 1985 Organizing Committee, Pediatric Nephrology Seminar XII, University of Miami, Bal Harbour, Fla, February 24-28
- 1985 Task Force on Nutritional Management of Children with Chronic Renal Failure, American Academy of Pediatrics
- 1985 Organizing Committee, Third International Workshop on Renal Insufficiency in Children, Airlie, Virginia, May 3-6
- 1986 Section Leader and Lecturer, Designated Discussant, Recent Advances in Pediatric Nephrology, Seoul National University Children's Hospital, Seoul, Korea, September
- 1986 Scientific Chairman, First International Course in Paediatric Nephrology, Institute of Paediatrics, Medical Academy of Krakow, Poland, October 27-29
- 1987-1991 Association of Medical School Pediatric Department Chairmen
- 1987 Section Leader and Invited Discussant, Symposium on Paediatric Nephrology, Rio de Janeiro, Brazil, April
- 1987 Organizing Committee, Paediatric Nephrology Symposium, European Society for Paediatric Research, Krakow, Poland, June, 1989
- 1988 Section Chairman, European Society for Paediatric Nephrology, Manchester, England, September
- 1988- Fellow, American Academy of Pediatrics
- 1988-1990 NIDDK Special Grants Review Committee, Bethesda, MD
- 1989 Thomas M. Teree 4th Annual Lectureship, Springfield, MA, June
- 1990 Program Selection Committee, American Society of Nephrology, Washington, D.C., December
- 1991 Invited Participant and Speaker, XIII Pan American Conference on Medical Education, San Jose, Costa Rica, January
- 1993 Invited Participant, American International Health Alliance, US Partners Conference, Pittsburgh, Pennsylvania, March and October
- 1994 Organizing Committee Chairman, U.S./Russia Neonatal Conference, Moscow, Russia, April
- 1994 Co-Chairman, Organizing Committee, Conference on Neonatal Nursing, Moscow, Russia, April

TEACHING EXPERIENCE:

- 1966-1973 Conference leader and lecturer, Phase II Urinary Tract Course, Case Western Reserve University School of Medicine
- 1966-1973 Attending physician and ward visit, Pediatric Service, University Hospitals of Cleveland, Babies and Children's Hospital
- 1968-1973 Course Director, Pediatric Nephrology Option; Course I-61, Case Western Reserve University School of Medicine

1969-1973 Seminar leader, Postgraduate Seminars in Nephrology, Case-Western Reserve University School of Medicine

1969-1973 Attending physician and lecturer, Department of Pediatrics, Cleveland Metropolitan General Hospital

1970-1971 Course Director and Lecturer, Pediatric Postgraduate Course in Nephrology, Department of Pediatrics, Case-Western Reserve University School of Medicine

1972-1973 Coordinator, Phase III Options Program, Case-Western Reserve University School of Medicine

1973-1987 Lecturer - Didactic sessions in nephrology, core clerkship in pediatrics, Children's Hospital Medical Center and Harvard Medical School

1974-1987 Course Director, Pediatric Nephrology, Course 523M.7, Harvard Medical School

1983-1984 Lecturer - Second Year Renal Committee, Harvard Medical School

1987-1991 Director, Graduate Education Program in Pediatrics, College of Medicine, SUNY Health Science Center

1987-1991 Lecturer - Clinical Nutrition, College of Medicine, SUNY Health Science Center

1988-1991 Course Director, Advanced Problems in Pediatrics, College of Medicine, SUNY Health Science Center

PRINCIPAL CLINICAL AND HOSPITAL SERVICE RESPONSIBILITIES:

1966-1973 Attending Pediatrician, University Hospitals of Cleveland, Babies and Children's Hospital

1966-1973 Attending Physician, Kidney Clinic, University Hospitals of Cleveland, Babies and Children's Hospital

1971-1973 Director, Pediatric Nephrology, University Hospitals of Cleveland, Babies and Children's

1973-1987 Attending Pediatrician, Children's Hospital Medical Center, Boston

1973-1987 Chief, Pediatric Nephrology, Children's Hospital Medical Center, Boston

1985-1987 Chief of the Blackfan Medical Service, The Children's Hospital, Boston, Massachusetts

1987-1991 Chief of Pediatric Service, University Hospital, Syracuse, New York

1987-1991 Attending Pediatrician, Crouse-Irving Memorial Hospital, Syracuse, New York

1993-1995 Division Director, International Medicine, Children's Hospital of The King's Daughters, Norfolk, Virginia

PERSONAL PUBLICATIONS:

ORIGINAL REPORTS

1. Grupe WE, Cuppage FE and Heymann W: Congenital nephrotic syndrome with interstitial nephritis. *Am J Dis Child.* 1966; 111:482-489.
2. Grupe WE and Heymann W: Cytotoxic drugs in steroid resistant renal disease. *Am J Dis Child.* 1966; 122:448-458.
3. Grupe WE and Kaplan MH: A proximal tubular antigen in the pathogenesis of autoimmune nephrosis. *Fed Proc.* 1967; 26:573.
4. Grupe WE: IgG-B1C cryoglobulins in acute glomerulonephritis. *Pediatrics.* 1968; 42:474-482.
5. Grupe WE: An in vitro demonstration of cellular sensitivity in experimental autoimmune nephrosis in rats. *Proc Soc Exp Biol and Med.* 1968; 127:1217-1222.
6. Heymann W and Grupe WE: Increased proteinuria due to steroid medication in chronic renal disease. *J Pediatr.* 1969; 74:356-363.
7. Grupe WE and Kaplan MH: Demonstration of an antibody to proximal tubular antigen in the pathogenesis of experimental autoimmune nephrosis in rats. *J. Lab Clin Med.* 1969; 74:400-409.
8. Heymann W, Grupe WE, Hunter JLP, Camma A, Hackel DB, Cuppage FE and Weinberg G: Experimental production of autoimmune nephrotic syndrome in rats by heterologous tissues. *Nephron.* 1970; 7:363-376.
9. Heymann W and Grupe WE: Immune tolerance to experimental autoimmune nephrosis in rats. *Proc Soc Exp Biol and Med.* 1970; 135:184-187.
10. Grupe WE: Practical significance of immunofluorescence in the kidney. *Clin Pediatr.* 1971; 10:549-556.
11. Grupe WE: Chlorambucil in steroid dependant nephrotic syndrome. *J Pediatr.* 1973; 82:598-606.
12. Makker SP, Grupe WE, Perrin E and Heymann W: Identical progression of juvenile heredity nephronophthisis in monozygotic twins. *J Pediatr.* 1973; 82:773-779.
13. Oxnard SC, O'Bell J and Grupe WE: Severe tetany in azotemic child related to a sodium phosphate enema. *Pediatrics.* 1974; 53:105-106.
14. Grupe WE and McCluskey RT: Case records of the Massachusetts General Hospital (Case 6-1975). A 10 year old boy with hematuria, edema and hypertension after a recent respiratory infection. *N Engl J Med.* 1975; 292:307-312.
15. Heymann W, Grupe WE and Makker SP: Periluminal antigen in fetal kidneys. *Pediatr Res.* 1975; 9:730-732.

16. Ziegler JB, Rosen FS, Alper CA, Grupe WE and Lepow IH: Metabolism of properdin in normal subjects and patients with renal disease. *J Clin Invest.* 1975; 56:761-767.
17. Schneeberger EE and Grupe WE: The ultrastructure of the glomerular slit diaphragm in autologous immune complex nephritis. *Lab Invest.* 1976; 34:298-305.
18. Grupe WE, Makker SP and Ingelfinger JR: Chlorambucil treatment of frequently relapsing nephrotic syndrome. *N Engl J Med.* 1976; 295:746-749.
19. Saldanha LF, Hurst KS, Amend WJC, Lazarus JM, Lowrie EG, Ingelfinger JR, Grupe WE and Levey RH: Hyperlipidemia after renal transplantation in children. *Am J Dis Child.* 1976; 130:951-953.
20. Ingelfinger JR, Link DA, Davis AE and Grupe WE: Serum immunoglobulins in idiopathic minimal-change nephrotic syndrome. *N Engl J Med.* 1976; 294:50-51.
21. Davis AE, Schneeberger EE, McCluskey RT and Grupe WE: Mesangial proliferative glomerulonephritis with irregular intramembranous deposits: Another variant of hypocomplementemic nephritis. *Am J Med.* 1977; 63:481-487.
22. Ingelfinger JR, Davis AE and Grupe WE: Frequency and etiology of gross hematuria in a general pediatric setting. *Pediatrics.* 1977; 59:557-561.
23. Spinozzi NS and Grupe WE: Nutritional implications of renal disease. *J Am Dietetic Assoc.* 1977; 70:493-497.
24. Ingelfinger JR, Grupe WE, Topor M and Levey RH: Warts in a pediatric renal transplant population. *Dermatologica.* 1977; 155:7-12.
25. Ingelfinger JR, McCluskey RT, Schneeberger EE and Grupe WE: Necrotizing arteritis in acute post-streptococcal glomerulonephritis. *J Pediatr.* 1977; 91:228-232.
26. Davis AE, Schneeberger EE, Grupe WE and McCluskey RT: Membranoproliferative glomerulonephritis (MPGN) and dense deposit disease (DDD) in children. *Clin Nephrol* 1978; 9:184-193.
27. Williams SA, Makker SP and Grupe WE: Seizures: A significant side effect of chlorambucil therapy in children. *J Pediatr.* 1978; 93:516-518.
28. Smith CD, Schuster SR, Grupe WE and Vawter GF: Hemolytic uremic syndrome: A diagnostic and therapeutic dilemma for the surgeon. *J Pediatr Surg.* 1978; 13:597-604.
29. Harmon WE, Cohen HJ, Schneeberger EE and Grupe WE: Chronic renal failure in children treated with methyl CCNU. *N Engl J Med.* 1979; 300:1200-1203.
30. Grupe WE: Childhood nephrotic syndrome: clinical associations and response to therapy. *Postgrad Med.* 1979; 65:229-236.

31. Schneeberger EE, O'Brien MA and Grupe WE: Altered glomerular permeability in Munich-Wistar rats with autologous immune complex nephritis. *Lab Invest.* 1979; 40:227-235.
32. Grupe WE: Relapsing nephrotic syndrome in childhood. *Kidney Intern.* 1979; 16:75-85.
33. Grupe WE: Composition of cryoglobulins in acute glomerulonephritis. Is there room for antigen? *Colloque Cryoproteines.* 1979; 2:63-71.
34. Harmon WE, Grupe WE and Parkman R: Control of autologous immune complex nephritis: I. Suppression of the disease in the presence of T-cell sensitization. *J Immunol.* 1980; 124:1034-1038.
35. Motil KJ, Harmon WE and Grupe WE: Complications of essential amino acid hyperalimentation in children with acute renal failure. *J Par Ent Nutr.* 1980; 4:32-35.
36. Williams SA, Makker SP, Ingelfinger JR and Grupe WE: Long-term evaluation of chlorambucil, including effects of dose, in idiopathic nephrotic syndrome in childhood. *N Engl J Med.* 1980; 302:929-933.
37. Avner ED, Harmon WE, Ingelfinger JR, Levey RH and Grupe WE: Mortality of chronic hemodialysis comparable to that of renal transplantation in pediatric end-stage renal disease. *Proc Clin Dial Transpl Forum.* 1980; 2:1-4.
38. Avner ED, Harmon WE, Grupe WE, Ingelfinger JR, Eraklis AJ and Levey RH: Mortality of chronic hemodialysis and renal transplantation in pediatric end-stage renal disease. *Pediatrics.* 1981; 67:412-416.
39. Harmon WE, Spinozzi NS, Meyer A and Grupe WE: The use of protein catabolic rate to monitor pediatric hemodialysis. *Dial and Trans.* 1981; 10:324-330.
40. Grupe WE and Gang DL: Case records of the Massachusetts General Hospital (Case 12-1981). A seven-year old girl with bloody diarrhea and oliguria. *N Engl J Med.* 1981; 304:715-722.
41. Ingelfinger JR, Grupe WE and Levey RH: Post-transplant hypertension in the absence of rejection or recurrent disease. *Clin Nephrol.* 1981; 15:236-239.
42. Ingelfinger JR, Grupe WE, Harmon WE, Fernbach SK and Levey RH: Growth acceleration following renal transplantation in children less than 7 years of age. *Pediatrics.* 1981; 68:255-259.
43. Krensky AM, Harmon WE, Ingelfinger JR, Kirkpatrick JA and Grupe WE: Elevation of nephrogenous cyclic adenosine monophosphate to monitor early renal osteodystrophy. *Clin Nephrol.* 1981; 16:245-250.
44. Harmon WE, Lavin PT, Parkman R, Ingelfinger JR, Grupe WE and Levey RH: Correlation of early acute rejection episodes with long-term transplant outcome. *Transplantation.* 1982; 33:648-649.
45. Krensky AM, Ingelfinger JR and Grupe WE: Peritonitis in childhood nephrotic syndrome, 1970-1980. *Am J Dis Child.* 1982; 136:732-736.

46. Grupe WE: Chlorambucil in steroid-dependent nephrosis. *N Engl J Med.* 1982; 307:308-313.
47. Grupe WE and Colvin RB: A nine-year old girl with proteinuria. *N Engl J Med.* 1982; 307:1000-1007.
48. Krensky AM, Grupe WE, Harmon WE and Ingelfinger JE: Elevation of nephrogenous cyclic adenosine monophosphate as evidence of early renal osteodystrophy. In: Bulla M., ed. *Renal Insufficiency in Children*, 1982; Springer-Verlag, Berlin, 86-91.
49. Harmon WE, Meyer A and Grupe WE: Substitution of a percutaneous vascular access for repeated hemodialysis in children. In: Bulla M, Ed. *Renal Insufficiency in Children*, 1982; Springer-Verlag, Berlin, 173-178.
50. Harmon WE, Parkman R, Lavin PJ, Grupe WE, Ingelfinger JR, Yunis EJ and Levey RH: Comparison of cell mediated lympholysis and mixed lymphocyte culture in the immunologic evaluation for renal transplantation. *J Immunol.* 1982; 129:1573-1577.
51. Grupe WE: Minimal change disease. *Seminars in Nephrology.* 1982; 2:241-252.
52. Avner ED, Villev DB, Schneeberger EE and Grupe WE: An organ culture model for the study of metanephric development. *J Urol.* 1983; 129:660-664.
53. Krensky AM, Ingelfinger JR, Grupe WE and Rosen S: Hemolytic uremic syndrome and crescentic glomerulonephritis complicating childhood nephrosis. *Clin Nephrol.* 1983; 19:99-106.
54. Grupe WE, Harmon WE and Spinozzi NS: Protein and energy requirements in children receiving chronic hemodialysis. *Kidney Intern.* 1983; 24:S6-S10.
55. Grupe WE: Hemolytic-uremic syndrome. *Current Pediatric Therapy.* 1984; 11:368-371.
56. Grupe WE, Spinozzi NS and Harmon WE: Nutritional assessment of hemodialyzed children using urea kinetics. In: Brodehl J and Ehrich JHH, eds. *Paediatric Nephrology: Proceedings of sixth international symposium of paediatric nephrology*, 1984, Springer-Verlag, Berlin, 86-91.
57. Harmon WE and Grupe WE: Urea kinetics and the prescription of dialysis therapy. In: Brodehl J and Ehrich JHH, eds. *Paediatric Nephrology: Proceedings of the sixth international symposium of paediatric nephrology*, 1984, Springer-Verlag, Berlin, 110-115.
58. Grupe WE, Colvin RB and Mark EJ: Case records of the Massachusetts General Hospital (Case 12-1986). *N Engl J Med.* 1986; 314:834-844.
59. Chesney R, Holliday M, Geifer I, Grupe WE, Gruskin A and McEnery P: Growth in children with renal disease. *Am J Kidney Dis.* 1986; 7:255.
60. Wassner SJ, Abitbol C, Alexander S, Conley S, Grupe WE, Holliday MA, Rigdon S and Salusky IB: Nutritional requirements for infants with renal failure. *Am J Kidney Dis.* 1986; 7:300-305.

61. Gruskin AB, Alexander SR, Baluarte J, Grupe WE, Harmon WE, Potter DE and Salusky IB: Issues in pediatric dialysis. *Am J Kidney Dis.* 1986; 7:306-311.
62. Grupe WE, Greifer I, Greenspan SI, Leavitt LA and Wolff G: Psychosocial development in children with chronic renal insufficiency. *Am J Kidney Dis.* 1986; 7:324-328.
63. Hellerstein S, Holliday MA, Grupe WE, Fine RN, Fennell RS, Chesney RW and Chan JCM: Nutritional management of children with chronic renal failure. *Pediatr Nephrol.* 1987; 1:195-211.
64. Grupe WE: The dilemma of intrauterine diagnosis of congenital renal disease. *Pediatr Clin N Amer.* 1987; 34:629-638.
65. Gordeuk AR and Grupe WE: Neonatal intensive care project in Moscow. *CommonHealth* 1994; 2:10-25.
66. Biemba G, Brennan AG, Gordeuk VR, Thuma PE, Milimo JT, and Grupe WE: Community recognition of severe malaria in children in rural Zambia. (submitted for publication).
67. Brennan AG, Biemba, G, Thuma, PE, Gordeuk VR, and Grupe WE: *Cabana and Camainza*: malaria-like syndromes of childhood in rural Zambia. (submitted for publication)
68. Grupe WE: Economic bias affects global attention to cancer therapy. (Submitted for publication)

ABSTRACTS

1. Grupe WE: In vitro demonstration of cellular sensitivity in autoimmune nephrosis. *J Pediatr.* 1966; 69:938.
2. Grupe WE: In vitro demonstration of cellular sensitivity in autoimmune nephrosis. III International Congress of Nephrology, Washington, 1966.
3. Heymann W and Grupe WE: Corticosteroid induced proteinuria in chronic renal disease. *J Pediatr.* 1966; 69:918.
4. Grupe WE: IgG-B1C cryoglobulins in acute nephritis. *Am Soc of Neph, Program and Abstracts*, Los Angeles. 1967; pg 27.
5. Heymann W and Grupe WE: Aggravation of proteinuria by corticosteroids in chronic renal disease. *Am Soc of Neph Program and Abstracts*, Washington, D.C. 1968; pg 26.
6. Grupe WE and Heymann W: Increased proteinuria due to steroid therapy in chronic renal disease. *J Pediatr (Reply).* 1969; 75:524.
7. Heymann W and Grupe WE: Immune tolerance to experimental autoimmune nephrosis in rats. *Am Soc of Neph, Washington, D.C.* 1969; pg 28.

8. Makker SP, Grupe WE, Perrin E and Heymann W: Identical progression of hereditary nephropathy in monozygotic twins. Am Ped Soc Program and Abstracts, Atlantic City. 1971; pg 172.
9. Heymann W, Makker SP, Grupe WE and Perrin E: Identical progression of hereditary nephropathy in monozygotic twins. XIII International congress of Pediatrics, Vienna. Proceedings, 1971.
10. Grupe WE: Chlorambucil in a controlled study of steroid dependent nephrotic syndrome. Am Soc of Neph, Washington, D.C., Proceedings and Abstracts. 1971; pg 29.
11. Grupe WE: Chlorambucil in a controlled study of steroid dependent nephrotic syndrome. Soc for Pediatr Res, Program and Abstracts, San Francisco. Pediatr Res. 1973; 7:413.
12. Grupe WE: Chlorambucil in steroid dependent nephrotic syndrome (Reply). J Pediatr. 1974; 83:310.
13. Grupe WE: Chlorambucil or cyclophosphamide in treatment of nephrotic syndrome (Reply). J Pediatr. 1974; 84:310.
14. Lazarus JM, Watts H, Lowrie EG, Levey RH and Grupe WE: Aseptic necrosis of bone in transplanted children. Pediatr Res. 1974; 8:457.
15. Ziegler JB, Rosen FS, Grupe WE, Lepow IH and Alper CA: Metabolism of properdin in normal subjects and patients with renal disease. Clin Res. 1974.
16. Saldanha LF, Hurst K, Amend WJC, Lazarus JM, Lowrie EG, Grupe WE and Levey RH: Hyperlipidemia after renal transplantation in children. Am Soc of Neph, Proceedings and Abstracts, Washington, D.C. 1974; pg 78.
17. Ingelfinger JR, Lazarus JM, Levey RH, Lowrie EG, Topor M and Grupe WE: Hypertension in pediatric renal transplant patients. Pediatr Res. 1975; 9:376.
18. Davis AE, Schneeberger EE, Grupe WE and McCluskey RT: Membranoproliferative glomerulonephritis (MPGN) and dense deposit disease (DDD) in children. Am Soc of Neph, Abstracts, Washington D.C. 1975; pg 13.
19. Ingelfinger JR, McCluskey RT, Schneeberger EE and Grupe WE: Necrotizing arteritis in acute post-streptococcal glomerulonephritis. Am Soc of Neph, Abstracts, Washington, D.C. 1975; pg 17.
20. Ingelfinger JR, Link DA, Davis AE and Grupe WE: Serum immunoglobulins in idiopathic minimal change nephrotic syndrome. N Engl J Med. 1976; 295:50.
21. Davis AE, Schneeberger EE, McCluskey RT and Grupe WE: Hypocomplementemic nephritis with irregular intramembranous deposits: Another variant of membranoproliferative glomerulonephritis? Pediatr Res. 1976; 10:438.

22. Grupe WE, Kopito LE, Lazarus JM and Brown JA: Copper and zinc depletion in end-stage renal disease (ESRD). *Pediatr Res.* 1976; 10:439.
23. Schneeberger EE and Grupe WE: The ultrastructure of the glomerular slit diaphragm (SD) during proteinuria in autologous immune complex nephritis (AIC). *Pediatr Res.* 1976; 10:443.
24. Ingelfinger JR, Davis AE and Grupe WE: Evaluating hematuria in a general pediatric setting. *Am Pediatr Assoc.* 1976; pg 13. Presented to Amb Pediatr Assoc Topic Plenary Session, April, 1976.
25. Williams SA, Makker SP and Grupe WE: Seizures: A significant side effect of chlorambucil therapy. *Pediatr Res.* 1977; 11:550.
26. Williams SA, Makker SP, Ingelfinger JR and Grupe WE: Long-term evaluation of chlorambucil including effects of dose in frequently relapsing nephrotic syndrome. *Pediatr Res.* 1977; 11:560.
27. Ingelfinger JR, Schneeberger EE and Grupe WE: Glomerular permeability in autologous immune complex (AIC) nephritis. *Pediatr Res.* 1977; 11:552.
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