

CURRICULUM VITAE

BRIAN W. BERMAN, M.D.

PLACE OF BIRTH: Philadelphia, PA

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EDUCATION/POST GRADUATE TRAINING:

1971 Bachelor of Science (with high distinction)
Pennsylvania State University

1975 Doctor of Medicine (A.O.A.)
Temple University School of Medicine

1975-1978 Pediatric Residency (PL1, 2, 3)
St. Christopher's Hospital for Children
Department of Pediatrics
Temple University School of Medicine

1978-1980 Pediatric Hematology/Oncology Fellowship
Yale University School of Medicine
Department of Pediatrics
Division of Pediatric Hematology-Oncology

PROFESSIONAL APPOINTMENTS:

Rainbow Babies & Children’s Hospital, Case Western Reserve University

1980-2004 Medical Staff, Department of Pediatrics, University Mednet
1989-2004
2007-2010 Director, Rainbow Sickle Cell Anemia Center
1990-1992 Acting Chief, Genetics Center
1993-2012 Director, Pediatric Consultation and Referral Service
1993-2011 Chief, Division of General Academic Pediatrics
1998-2009 Vice Chairman for Community Physician Affairs, Dept. of Pediatrics
2002-2005 Acting Chief, Division of Pediatric Hematology/Oncology
2008-2010 Interim Co-Chairman, Dept. of Pediatrics
2010-2012 Acting Chief, Division of Pediatric Gastroenterology
2010-2012 Vice Chair for Faculty Affairs, Dept. of Pediatrics

Beaumont Health System

2012-2020 Pediatrician-in-Chief, Beaumont Children’s

Children’s Hospital of Michigan

2020-present Director, Physician Relations and Network Development, University Pediatricians

ACADEMIC APPOINTMENTS:

Case Western Reserve University School of Medicine

1980-1989 Clinical Instructor
1989-1991 Clinical Assistant Professor
1991-1993 Assistant Professor
1993-2001 Associate Professor
2001-2012 Professor Department of Pediatrics
2012-2015 Adjunct Professor

Oakland University William Beaumont School of Medicine

2012-2020 Professor and Chair, Department of Pediatrics

Central Michigan University School of Medicine

2020 – present Clinical Professor, Department of Pediatrics

HONORS AND AWARDS:

1971	Bachelor of Science Degree with High Distinction Pennsylvania State University University Park, Pennsylvania
1974	Alpha Omega Alpha Honor Society Temple University School of Medicine Philadelphia, Pennsylvania
1975	Merck Award for Academic Excellence Temple University School of Medicine Philadelphia, Pennsylvania
1990, 1992, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2008	Faculty Teaching Excellence Award Rainbow Babies and Children's Hospital
1994	Outstanding Service to Medicine Award Presented by Rainbow Children's Council
1996	American Sickle Cell Anemia Association Physician Service Award
1998	Samuel Horwitz M.D. Award for Excellence in Clinical Service Presented by Pediatric Clinical Faculty
1999, 2000, 2006 2007, 2008, 2010, 2011	"Pearl's Day" Award (for resident teaching excellence) Presented by Pediatric Residents
1999, 2004, 2007 2008, 2009, 2010, 2011	Recognized as "Top Doctor in the Region" Cleveland Magazine
2001, 2002, 2004, 2006, 2007, 2008, 2009	Recognized as a "Top Doctor" in Region Northern Ohio Live Magazine
2001, 2004, 2006, 2007 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018	Recognized in "America's Best Doctor" (Castle Connely Medical Ltd.): Top 1% tile
2012, 2013, 2014, 2015, 2016, 2017, 2018	Recognized 'Best Doctors, Inc.'
2002	Recognized as "Best Doctors for Families" Ladies Home Journal Magazine
2008	Crain's Cleveland Business Hero of Health Care Award, Health Care Advocate Finalist
2008 - present	Who's Who in Medicine and Healthcare

2010 Alumnus of the Year Award
Temple University School of Medicine

2011 US News Media Group: American Top Doctors

2013 American Pediatric Society: Elected Member

2014 -Present Recognized as "Top Doctor in Region", Detroit Hour Magazine

GRANTS:

Center of Care Grant

Rainbow Babies and Children's Hospital

Rainbow Sickle Cell Anemia Center

1990 - \$152,254

1991 - \$156,927

1992 - \$ 75,000

1993 - \$ 47,300

1994 - \$ 47,500

1995 - \$ 40,000

1996 - \$ 40,000

United Way Grant - In cooperation with Vocational Guidance Services

Cleveland, Ohio

Sickle Cell Vocational Project, 1990 - \$25,000

Gar Foundation

Rainbow Sickle Cell Anemia Center

1991 - \$25,000

National Heart, Lung and Blood Institute

NIH (I-RO1 HC45692-01A1)

Approved and Funded for 1991-1994 (\$152,700)

Multicenter Study of Hydroxyurea in Sickle Cell Anemia

Local P.I. - Susan Shurin, M.D.

Clinical Coordinator - Brian Berman, M.D.

Caremark Inc. Grant

Long Term Central Venous Access

Devices in Patients with Sickle Cell Disease and Other Hematology Disorders

1993 - \$16,000

1994 - \$16,000

1995 - \$16,000

Cleveland Cliffs Foundation

Educational Needs Assessment in Sickle Cell Anemia

1996-7 - \$6,000

Medical College of Georgia

NIH RO1 U10-HL52193

Stroke Prevention Trial in Sickle Cell Disease (STOP I, STOP II)

Local P.I. - Brian Berman

1994-2005 – Total Cost: \$430,000 (approx.)

Washington University in St. Louis
NIH 1ROI NS42805
Silent Infarct Transfusion Trial (SITT) in Sickle Cell Disease
Local Co P.I. Brian Berman
2003-2009 – Total Cost: \$400,000 (approx.)

ASSERT Trial (Industry supported)
Phase III, Multicenter Study of Efficacy and Safety of ICA-10743
In Patients with Sickle Cell Disease
2005-2007

ICL670 (Exjade) Trial (Novartis)
Study to expand access of Exjade to patients with transfusions
Hemosiderosis
2005-2006

Washington University in St. Louis
NIH 1ROI HL079937-02
Asthma and Nocturnal Hypoxemia in Sickle Cell Anemia
Local Co P.I. Brian Berman
2005-2009 – Total cost: \$1,497,553

Prospective Randomized Trial of NO in Sickle Cell Vaso-occlusive
Pain Crisis (INO) Therapeutics
Local P.I. Brian Berman
2008

Baylor College of Medicine
Texas Children's Hospital
NIH R01 HL095647-01
TCD with Transfusion Changing to Hydroxyurea
Local P.I. Brian Berman
2009-2012 – Total cost: \$264,118

LICENSURE:

4/80-Present: State of Ohio
#44644

7/2012-Present State of Michigan
#4301101829

BOARD CERTIFICATION:

1979 American Board of Pediatrics
1980 American Board of Pediatrics,
Sub Board of Pediatric Hematology/Oncology

BOARD RECERTIFICATION: (Voluntary)

1989 American Board of Pediatrics

1989 American Board of Pediatrics,
Sub Board of Pediatric Hematology/Oncology
2009 Maintenance of Certificate, Pediatrics
American Board of Pediatrics (voluntary)

PROFESSIONAL SOCIETIES:

American Academy of Pediatrics (Fellow)
American Academy of Pediatrics Michigan Chapter
Ambulatory Pediatric Association
American Society of Hematology
American Society of Pediatric Hematology/Oncology
American Pediatric Society: Elected Member

N.I.H. SUPPORTED NATIONAL COOPERATIVE RESEARCH PARTICIPATION:

Multicenter Study of Hydroxyurea in Sickle Cell Disease (1993-1996)
(Dr. Samuel Chararche, National Principal Investigator)

Stroke Prevention Trial in Sickle Cell Disease I and II (1994—2005)
(Dr. Robert Adams, National Principal Investigator)

Silent Infarction Transfusion Trial in Sickle Cell Disease(2003-present)
(Dr. Michael DeBaum, National Principal Investigator)

Asthma and Nocturnal Hypoxemia in Sickle Cell Anemia (2005-2009)
(Dr. Michael DeBaum, National Principal Investigator)

TCD with Transfusion Changing to Hydroxyurea (2010–2012)
(Dr. Russell Ware, National Principal Investigator)

FACULTY PRACTICE PLAN

ADMINISTRATIVE/LEADERSHIP APPOINTMENTS:

1985-1988 Board of Directors, University MEDNET (multi-specialty group practice)
1994-1998 and Board of Directors, University Faculty Practice Association (the faculty practice
2004-2007 plan of all full-time faculty of CWRU at University Hospitals of Cleveland)

1995-2005 Vice President, Children's Research Foundation of Cleveland (the faculty practice
plan of the Department of Pediatrics)

1996-2000 Contracting Committee, University Faculty Practice Association
2000. Manpower Working Group, University Faculty Practice Association
2005-2011 President, Children's Research Foundation of Cleveland (the faculty practice plan
of the Department of Pediatrics)

2005-2012 Pediatric Medical Director, UH Connect (patient access program)
2008-2010 Strategic Planning Committee, University Hospitals Medical Group (The practice
plan of all full-time physicians of University Hospitals Case Medical Center)

2012-2020 System Chair of Pediatrics, Beaumont Health System
2012-2020 Pediatrician-in-Chief, Beaumont Children's
2013-2020 Leader, Children's Center of Excellence, Beaumont Health System
2012-2020 Beaumont Medical Group (950 physicians Practice Plan of Beaumont Health)

Physician Executive: Pediatric & Ped. Surgical Service Line
Management Council
Compensation Committee (Chair)

EDITORIAL BOARDS

1999-Present Clinical Pediatrics
2014-Present Global Pediatric Health

JOURNAL REVIEWER

BLOOD - The Journal of the American Society of Hematology
Journal of Urology
Journal of Health Care for the Poor and Underserved
Journal of Pediatrics
Journal of Pediatric Hematology/Oncology
Clinical Pediatrics
Seminars in Arthritis and Rheumatism
Global Pediatric Health

NIH GRANT REVIEW PARTICIPANT

2005, 2006 National Heart Lung & Blood Institute

COMMITTEES: Department of Pediatrics, Rainbow Babies & Children's Hospital and University Hospitals of Cleveland, Case Western Reserve University School of Medicine, Cleveland, Ohio

1989-1991 Resident Selection Committee
1993-2000
1992-2000 Pediatric Liaison Committee (1994-Present Co-Chair)
1993-1995 Fringe Benefit Committee
1993-2001 Academic Planning Committee
1994-1996 Finance Committee
1995-2007 Transfusion Committee (Chairman 1995-2007): University Hospitals of Cleveland
1995-1997 Health Services Research Director Search Committee (Chairman)
1995-1996 Acute Care Pediatric Nurse Practitioner Program: Physician Representative
1996-1999 Media Relations Committee
1997-2000 Committee on Promotions, Appointments and Tenure Department of Pediatrics
1997-2000 Medicaid Managed Care Task Force: University Hospitals of Cleveland
1998-1999 Pediatric Sports Medicine Search Committee
2001-2002 Search Committee Chairman, Department of Pediatrics MetroHealth Medical Center
2001-2012 Executive Steering Committee: Rainbow Office Base Clinical Research Network
2001-2003 Practice Management Committee, Department of Pediatrics,
2002 Coagulation Testing AdHoc Committee
2005 Mentoring Committee, Adolescent Medicine Fellowship Program
2006-2008 UHHS Access Center Steering Committee
2006-2012 Rainbow Continuing Education Committee
2006-2012 UH Connects Physician Advisory Council (Pediatric Liaison)
2006 Clinical Productivity Task Force

2007-2008 Minority Cancer Care Task Force
2007-2012 Practice Management Committee, Department of Pediatrics (Chairman – 2007-8)
2007-2008 Pediatric Department Chair Search Committee (Elected Representative)
2008-2009 Strategic Planning Steering Committee, Rainbow Babies & Children’s Hospital
2008-2012 CME Committee, Department of Pediatrics
2010-2012 Peer Review Committee, Department of Pediatrics (Chairman)
2011-2012 Medical Executives Committee, Rainbow Babies & Children’s Hospital

Beaumont Children’s, Beaumont Health System, Oakland University

William Beaumont School of Medicine

2012-2020 Children’s COE Committee, Chair
2012-2020 Clinical Chairs and Chiefs Cabinet
2012-2020 CMO Leadership Committee
2012-2020 Council of Department and Program Chairs
2012-2020 CQI and Patient Care Committee
2012-2020 Credentials and Qualifications Committee
2012-2020 Hospital Executive Committee
2012-2020 Medical Executive Board
2012-2020 Credentials & Qualification Committee, Beaumont Royal Oak
2012-2020 Pediatric Clinical Competency Committee
2012-2020 Pediatric Operational Committee (Chair)
2012-2020 Pediatric Program Evaluation Committee
2012-2020 Pediatric Peer Review and Best Practice Committee
2012-2020 PICU and Patient Care Committee
2012-2020 Quality and Safety Committee
2012-2020 Women and Children’s Strategic Planning Committee
2012-2020 Beaumont Children’s Miracle Classic Committee
2013-2014 LCME Institutional Self Study Committee, OUWBSOM
2018 Search Committee (Chair): Chairman of Surgery, OUWBSOM, Beaumont Royal Oak
2000 **Children’s Hospital of Michigan/Central Michigan University College of Medicine**
2000 Ambulatory Enhancement Committee
2021 – Present Pediatric Institutional Review Board
2021 – 2023 Co-Coarse Director, CMU Hematology/Oncology M₂ Coarse
2021 – Present NICU Outreach Committee
2021 – Present CHM Partnership Workgroup

EDUCATIONAL/MENTORSHIP ACTIVITIES:

Medical Student/Pediatric House Staff Education (see Honors and Awards)

- 1980-2003 Pediatric Hematology/Oncology Teaching Rounds:
Supervision (approx. 1 hr. per week) of in-patient teaching rounds at Rainbow Babies and Children's Hospital
- 1989-2012 Pediatric Inpatient Medical Student Teaching Attending Physician 1-2 months per year, Rainbow Babies and Children's Hospital
- 1989-2012 Pediatric Hematology/Oncology Elective
Active participant in rotations available to medical students and house officers
- 1993-2008 Resident/Medical Student Preceptor (4 hours per week)
Ambulatory Pediatric Clinic
Rainbow Babies and Children's Hospital
- 1993-1998 Preceptor of Pediatric Residents (4 hours per week)
Private Pediatric Practice
University MEDNET
Mentor, Ohio
- 1989-2012 Faculty Advisor for several Pediatric House Officers (approx. 2-3 per year)
- 1990-2012 Science Day Faculty Mentor
(resident/medical student research presentations) Rainbow Babies and Children's Hospital
- 1990 Cyclosporine A: Treatment for Diamond-Blackfan Anemia.
J. Splain and B. Berman
- Acute Chest Syndrome and Intravenous Narcotic Therapy in Children with Sickle Hemoglobinopathy. J.J. Letterio and B. Berman
- 1991 Prevalence of Antibiotic-Resistant Streptococcus Pneumoniae
Nasopharyngeal Colonization in Children with Sickle Cell Anemia. M.E. Schrickler, M. Jacobs, J. Schreiber, K. Chiarucci, J. Kerman, A. Noe, B. Berman.
- Transient Erythroblastopenia of Childhood in Infants Less Than Six Months of Age. R. Miller and B. Berman
- Long-Term Central Venous Access in Patients with Sickle Cell Disease. A. Abdul-Rauf, M. Gauderer, B. Berman
- 1992 Zinc Protoporphyrin Screening for Iron Deficiency and Lead Toxicity in a Suburban Pediatric Population: Incidence and Cost Effectiveness. S. Spanier and B. Berman
- 1993 Newborn Screening for Hemoglobinopathy at University Hospitals/
Rainbow Babies and Children's Hospital: 1989-1992, M. Jung and B. Berman
- 1995 Ambulatory Practice Patterns of Pediatricians and
General and Family Practitioners. A. Hertz and B. Berman

Coronary Artery Disease as a Late Manifestation of Radiation Therapy for Hodgkins Disease: A Case Report; A. Berman and B. Berman

Splenic Sequestration in Sickle Cell Patients at Rainbow Babies and Children's Hospital: A Decade Experience. L.J. Mock and B. Berman

1996 Recurrent Immune Cytopenias in Two Patients with 22q 11.2 Deletion. A. DePiero, B. Berman, N. Robin, A. Zinn, E. Lourie, R. Hostoffer

Epstein-Barr Virus Induced Persistent Hepatitis Leading to Chronic Liver Disease: A Novel Case Report. K. Lidsky, J.T. Boyle, B. Berman

Is the Incidence of Acute Appendicitis Reduced in the Sickle Cell Disease Population? P. Antall, B. Berman

1997 Identifying Cardiac Dysfunction Due to Iron Overload in Transfusion Dependent Children and Young Adults. W. Suarez, S. Snyder, C. Patel, B. Berman

Bacteremia and Sepsis in Children with Sickle Cell Disease (SSD): A 12 Year Experience at Rainbow Babies & Children's Hospital (RB&C). G. Holzmann and B. Berman

1998 Reading Habits of Pediatric Residents and Generalist Faculty and the Utility of a Monthly Summary of the Medical Literature as an Educational Intervention. H. Lorenz and B. Berman

2000 Long Term Erythrocytapheresis in Patients with Sickle Cell Anemia: A Model for Predicting Exchange Transfusion Volume and Frequency. A. Villella, M.A. O'Riordan, B. Berman

2001 Celiac Disease Presenting as Refractory Iron Deficiency Anemia R. Kinman and B. Berman

2002 Clinical and Laboratory Features of Henoch Schonlein Purpura in Hospitalized Children: A 10 year Retrospective Review. J. Callaghan, M. A. O'Riordan, B. Berman

2005 Priapism in Patients with Sickle Cell Anemia: A 10 Year Retrospective. R. Brown, A. Villella, M. A. O'Riordan, B. Berman

2008 Cardiac Dysrhythmias in Pediatric Patients with Sickle Cell Anemia, A. Nero, A. Villella, H. Gutin, B. Berman

2009 An Empiric Review of Rituximab Treatment in Pediatric Patients with Immunohepatologic Diseases Refractory to Conventional Therapy. M. Trucco, P. Sahai, M.A.O'Riordan, B. Berman

2007 Summer Research Mentor: Cleveland Clinic Lerner College of Medicine. Jessica Knight

1991-2005 Medical Student Pre-Clinical Elective Program Participating faculty and student advisor:
1. Chronic Diseases in Children
2. Cancer and Blood Diseases in Children

1990-2006	Medical Apprentice Program Clinical Preceptor Health Careers Enhancement Programs for Minorities CWRU School of Medicine Dr. James Philips, Director
1994-2012	Pediatric Physical Diagnosis Instructor Second Year Medical Student Program CWRU
1980-2020	Pediatric House Staff Lectures, Conferences, and Management Conferences, See Appendix I
1980-2020	Continuing Medical Education Presentations, Grand Rounds, Invited Presentations and Guest Lectures, See Appendix I
1992-2006	Second Year Medical Student Lecture Series: The Biologic Basis of Disease II. Hematology Course See Appendix I
1995-2003	Senior Rounds Teaching Attending Physician, Rainbow Babies & Children's Hospital 1 hour/day; 6 weeks/year
1998.	Primary Care Tract Research Day Case Western Reserve University School of Medicine – Moderator
2006	Pediatric Resident Research Presentation Judge, MetroHealth Medical Center
2013	Resident/Fellow Research Day, Faculty Judge Beaumont Health System
2013-2017	Epidemiology of Severe Anemia in Hospitalized Pediatric Population. Faread Jamalifard and Brian Berman. Oakland University William Beaumont School of Medicine Capstone Research Mentor
2014-2018	Incidence and Epidemiology of Extreme Neonatal Thrombocytopenia in NICU population. Thomas LaRouere and Brian Berman. Oakland University William Beaumont School of Medicine Capstone Research Mentor

PUBLICATIONS:

Articles (Peer Reviewed):

1. **Berman, B.W.**, Binder, R., and Cornfield, D. Burkitt lymphoma in patient with neurofibromatosis and pheochromocytoma. JAMA, 237:993, 1977.
2. **Berman, B.W.**, King, F.H. Rubinstein SD and Long SS: Bacteroides Fragillis meningitis in a neonate

successfully treated with metronidazole. J Pediatr, 93:793, 1978.

3. **Berman, B.W.**, Krieger, A and Naiman, J.L. A new method of calculating volumes of blood required for partial exchange transfusion. J Pediatr, 94:86, 1979.
4. Benz, E., Murnane, M., **Berman, B.**, Cavallesco, C., Foget, B., and Hoffman, R. Embryonic-fetal characteristics of a human leukemia cell line. Proc. Nat'l. Acad. Sci., 77(6):3509-3513, 1980.
5. **Berman, B.W.**, Ritchey, A.K., Schwartz, A. and Pearson, H.A. Developmental aspects of thalassemia trait during childhood and adolescence. J Pediatr, 97:901, 1980.
6. Ritchey, A.K., Andiman, W., McIntosh, S., **Berman, B.**, and Luce, D. Mononucleosis syndrome following granulocyte transfusion in patients with leukemia. J Pediatr, 97:267, 1980.
7. **Berman, B.W.**, McIntosh, S., Goldenring, H. and Prosnitz, L.R. Hodgkin's disease presenting as epitrochlear adenopathy. Am. J. Dis. Child, 134:319, 1980.
8. **Berman, B.W.**, Freedman, R. and Komp, D. Leukopenia associated with repeated exchange transfusion in the newborn. Am. J. Ped. Hem. Onc., 2:77, 1980.
9. Benz, E., **Berman, B.**, Tonkonow B., Coupal, E., Coates, T., Boxer, L., Altman, A., Adams, J. Molecular analysis of the beta thalassemia phenotype associated with inheritance of hemoglobin E ($\alpha_2\beta_2$ Glu-Lys). J. Clin. Invest., 68:118-126, 1981. (See appended letter).
10. **Berman, B.W.**, McIntosh, S., Clyne, L.P., Goldberg, B., Lobel, J., and Komp, D.M. Spontaneously acquired Factor IX inhibitor in childhood. Am. J. Ped. Hem. Onc., 3:77, 1981.
11. Hammond, W., **Berman, B.**, Wright, D., and Dale, C.C. Lithium is an ineffective therapy for human cyclic hematopoiesis. Blood, 61:1024, 1983.
12. Gordon, E.M., Klein, B.L., **Berman, B.W.**, Strandjord, S.E., Simon, J.E. and Coccia, P.E. Reduction of contact factors in sickle cell disease. J Pediatr, 106:427, 1985.
13. Saracco, S., Abramowsky, C., Taylor, S., Silverman, R.A., **Berman, B.W.** Spontaneously regressing adrenocortical carcinoma in a newborn. A case report with DNA ploidy analysis. Cancer, 62:507, 1988.
14. Wiznitzer, M., Ruggieri, P.M., Masayk, T.J., Ross, J., Modic, M. and **Berman, B.** Diagnosis of cerebrovascular disease in sickle cell anemia using magnetic resonance angiography. J Pediatr, 117:551, 1991.
15. Wiznitzer, M. and **Berman, B.** Subarachnoid hemorrhage in sickle cell anemia: evaluation using parenchymal and vascular magnetic resonance imaging. Neurology, 41:1521, 1991.
16. Splain, J. and **Berman, B.** Cyclosporine A treatment for Diamond-Blackfan anemia. Am. J. Hematology, 39:208, 1992.
17. Hall, H., Chiarucci, K., **Berman, B.** Self-Regulation and assessment approaches for vaso-occlusive pain management for pediatric sickle cell anemia patients. Int. Journal of Psychosomatics, 39:28, 1992.
18. Schricker, M.E., Jacobs, M., Schreiber, J., Chiarucci, K., Kerman, J., Noe, A., and **Berman, B.** Prevalence of antibiotic-resistant Streptococcus Pneumoniae nasopharyngeal colonization in children with sickle cell anemia. Ped. Inf. Dis.J., 12:775, 1993.
19. Miller, R. and **Berman, B.** Transient erythroblastopenia in infants less than 6 months of age. Am. J. Ped. Hem. Onc. 16:246, 1994.

20. Smith, A., Haack, E., Lin, W., **Berman, B.** and Wiznitzer, M. Short verses long echo time for cranial MR angiography in children and adults. Am.J. Neuroradiol, 15:1557, 1994.
21. Pegelow, C.H., Adams, R., Mckie, V., Abboud, M. **Berman, B.**, Miller, S., Oliveri, N., Vichinsky, E. and Wang, W. Risk for recurrent cerebral infarction in sickle cell disease during chronic transfusion therapy. J. Pediatr, 126:896, 1995.
22. Rauf, A., Gauderer, M. Chiarucci, K., and **Berman, B.** Central venous access devices in patients with sickle cell anemia: incidence of infectious and thrombotic complications. Am. J. Ped. Hem. Onc., 17:342, 1995.
23. Brooks, L.J., Koziol, S.M., Chiarucci, K.M., and **Berman, B.W.** Sleep disordered breathing in patients with sickle cell anemia. Am J Ped Hem.Onc. 18:135-9, 1996.
24. DePiero, A.D., Lourie, E.M., **Berman, B.W.**, Robin, N.H., Zinn, A.B. and Hostoffer, R.W. Recurrent immune cytopenias in two patients with DiGeorge/velocardiofacial syndrome. J. Pediatr, 131:484-6, 1997.
25. Kralovics, R., Indrak, K., Stopka, T., **Berman, B.W.**, Prchal, J.F. and Prchal, J.T. Two new EPO receptor mutations: truncated EPO receptors are most frequently associated with primary familial and congenital polycythemias. Blood, 90:2057-61, 1997.
26. Adams, R., et. al (**Berman, B.** 8th of 26 authors). Stroke prevention trial in sickle cell anemia ("STOP"): Study Design. Controlled Clin Trials, 1:110-29 1997.
27. Antal, P., Gauderer, M., Koshy, M. and **Berman, B.** Is the incidence of appendicitis reduced in patients with sickle cell anemia? Pediatrics, 101:98-9, 1998.
28. Mock, L. and **Berman, B.** The clinical and laboratory profile of acute splenic sequestration in children with sickle cell disease: A ten year single institutional experience. Int. J. Ped. Hem. Onc. 5:287-91, 1998.
29. Adams, R., et. al (**Berman, B.**, 20th of 26 authors). Transfusion prevents first stroke in children with sickle cell anemia and abnormal transcranial doppler: The STOP trial. New Eng. J. Med., 339:5-11, 1998.
30. Surez, W., Snyder, S., **Berman, B.**, Brittenham, G. and Patel, C. Preclinical cardiac dysfunction in transfusion-dependent children and young adults detected with low-dose dobutamine stress echo-cardiography. J. Am. Soc. Echocardiography, 11:948-956, 1998.
31. Holzmann, G. and **Berman, B.** Bacteremia and sepsis in children with sickle cell anemia: a twelve year single institutional experience. Int.J.Ped.Heme.Onc., 5:411-415, 1998.
32. Ponitz, K., Mortimer, J. and **Berman, B.W.** Establishing a pediatric hospitalist program at an academic children's hospital. Clinical Pediatrics, 39:221-227, 2000.
33. Vreman, H., Wong, R., Harmatz, P., Fanaroff, A., **Berman, B.**, and Stevenson, D. Validation of the Natus Co-Stat end tidal breath analyser in children and adults. J Clin Monitoring and Computing, 15:421-427, 1999.
34. **Berman, B.** The academic children's hospital primary care clinic: responding to the challenges of a rapidly changing health care environment. Clinical Pediatrics, 39:473-477, 2000.
35. Sullivan, J. and **Berman, B.** Hypermagnesemia presenting as lethargy and hypotonia in a 4 week old infant. Arch Ped Adol Med, 154:1272-1274, 2000.
36. Miller, S.T., et al (**Berman, B.**, 4th of 8 authors). Impact of chronic transfusion on non-neurologic events

during the stroke prevention trial in sickle cell anemia (STOP). J Pediatric, 139:785-9, 2001.

37. Scothorn, D.J., et al (**Berman, B.**, 12th of 22 authors). Risk of recurrent stroke in children with sickle cell disease receiving blood transfusion therapy for at least five years after initial stroke. J. Pediatrics, 140:348-54, 2002.

38. Driscoll, M.C., et al (**Berman, B.**, 7th of 10 authors). Stroke risk in siblings with sickle cell anemia. Blood, 101:2401-04, 2003.

39. Abboud, M.R., et. al. (**Berman, B.**, 7th of 12 authors). Magnetic resonance angiography in children with sickle cell disease and abnormal transcranial Doppler ultrasonography enrolled in the “STOP” study. Blood, 7:103 2822-2826, 2003.

40. Adams, R.J., et. al. (**Berman B.W.**, 16th of 28 authors). Stroke and conversion to high risk in children screened with transcranial Doppler ultrasound during the STOP study. Blood, 103:3689-3694, 2004.

41. Furman, L. and **Berman, B.W.** Rethinking the AAP attention deficit/hyperactivity disorder guidelines. Clin Pediatr, 43:61-3, 2004.

42. Beck, M. and **Berman, B.W.** Thrombophilia: a pediatric perspective. Clin Pediatr 44: 193 -129 2004.

43. Jones, A., et.al. (**Berman, B.**, 6th of 9 authors). Can peak systolic velocities be used for prediction of stroke in sickle cell anemia? Ped Radiol, 35: 66 – 72, 2005.

44. Palermo, T., Platt-Houston C, Kisha, R. and **Berman, B.W.** Headache symptoms in pediatric sickle cell patients. J Pediatric Hematol Onc 27: 420 – 424, 2005

45. Adams, R. for the STOP2 Investigators. Optimizing primary stroke prevention in sickle cell anemia. Discontinuing prophylactic transfusions used to prevent stroke in sickle cell disease. N. Engl J. Med. 353:2769-78, 2005.

46. Lee, M.T., et. al. (**Berman, B.**, 4th of 26 authors). Stroke prevention trial in sickle cell anemia (STOP): Extended follow-up and final results. Blood, 108: 847-852, 2006.

47. Hulbert, L.H., et. al. (**Berman, B.**, 11th of 18 authors). Exchange blood transfusion compared with simple transfusions for first stroke is associated with a lower risk of subsequent stroke. J. Pediatrics 149:710-12, 2006.

48. Gladwin, M.T. for the DeNovo Investigators. Nitric oxide for inhalation in acute treatment of sickle cell pain crisis: a randomized controlled trial. JAMA, 305:893-902, 2011.

49. Jordan, L.C., et. al. (**Berman, B.**, 12th of 57 authors). Incidental Findings on Brain Magnetic Resonance Imaging of Children With Sickle Cell Disease. Pediatrics, 126:53-61, 2011.

50. Abboud, M.R., et.al. (**Berman, B.**, 18th of 32 authors). Discontinuing prophylactic transfusions increases the risk of silent brain infarction in children with sickle cell disease. Blood, 118:894, 2011.

51. Ataga, K.I., Reid, M. et al. for the ICA-17043-10 Study Investigators. Improvements in haemolysis and indicators of erythrocyte survival do not correlate with acute vaso-occlusive crises in patients with sickle cell disease: a phase III randomized, placebo-controlled, double-blind study of the gardos channel blocker senicapoc (ICA-17043). British J Haematology, 153:92-104, 2011.

52. Zaidi, ZU and **Berman, B.** Crossing the thrombotic threshold: Deep vein thrombosis in Henoch-Schonlein purpura. Clin Pediatr, 2014 Mar 14 [Epub ahead of print].

53. DeBaun, MR, et.al (for the SIT Trail Study Group): Berman 17th of 38 authors. A randomized clinical trial of blood transfusion therapy for children with sickle cell anemia and silent cerebral infarcts: The SIT trial. N. Engl J. Med. 2014:371(8):699-710.

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55. Butala, S., **Berman, B.** Middle eastern adolescent with macrocytic anemia. Global Ped Health, 4:1-3, 2017.
56. Nyalakonda, R. **Berman, B.** A teenage female with transient dysarthria, pallor and petechial. Clin Pediatr, 58: 14-58, 2019
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58. Razvi, R., **Berman, B.** A teenager with migraines, plethora and conjunctival injection. Clin Pediatr, 2022.DOI: 10.177 online ahead of print.
59. Nashed, B., Fonesca, C., Vander Pols, W., Kumar, S., Lyons, H., **Berman, B.**, Guzzardo, G. Juvenile hemochromatosis in an asymptomatic patient – importance of early diagnosis. 2022. JPGM Reports. Vol.3. Issue 3. p. e228.
60. Harris-Kober, S., Motzel, A., Grant, S., **Berman, B.**, Yagiela, L. Impression of primary care follow-up after a PICU admission. Crit Care Explore 28:6(3): 1055, 2024

Letters to Editor:

1. Paul Grundy, Perry Telzerow, Daniel Haber, **Brian Berman**, CarlosAbramowsky, Donald Norris, Fred Li, Malcolm Paterson and Judy Garber. Chromosome 11 uniparental isodisomy predisposing to embryonal neoplasms. Lancet, 338:1079, 1991.
2. John, C.C., Aouad, G., **Berman, B.**, and Schreiber, J.R. Successful carbapenem treatment of multiply resistant pneumococcal meningitis. Ped.Inf.Dis.J., 16:1009-10, 1997.
3. **Berman, B.** and Holzmann, G. Sick cell anemia - how sick. J. Pediatr., 131:651, 1997.
4. **Berman, B.** and Craven, D. Asthma and the acute chest syndrome of sickle cell anemia. J. Pediatr., 137:589, 2000.
5. Aygun, B., Schultz, W.H., et. al. (for the TWITCH Trial Investigators) Chronic transfusion practices for prevention of primary stroke in children with sickle cell anemia and abnormal TCD velocities. Am. J. Hematol. Epub. Dec. 29, 2011.

Commentaries

1. Maintenance of Certificate: Was It Broken and Did We Fix It? Members of the Editorial Board. Clin Pediatr 50:584-6, 2011.
2. The Generalist – Specialist Interface: Not a zero sum game. Clin Pediatr, 53:719-20; 2014.

Presentations at National Meetings

1. Benz, E., Tonkonow, B., Murnane, M., **Berman, B.**, Cavallesco, C., deRiel, J., Foget, B., and Hoffman, R. Constitutive and hemin-enhanced globin gene expression in a human leukemic cell line. Presented, American Society for Clinical Investigation, May 12, 1980. Clin Res 28:490A, 1980.
2. Benz, E., **Berman, B.**, Tonkonow, B., Coupal, E., Coates, T., Boxer, L., Altman, A., Adams, J. Molecular Analysis of the beta thalassemia phenotype associated with inheritance of hemoglobin E. Presented at the 37th Annual Meeting of the American Federation for Clinical Research, May, 1980, Washington, D.C. Clin Res 28:305A, 1980.
3. Gordon, E.M., Klein, B.C., **Berman, B.W.**, Strandjord, S.E., Simon, J.E. and Coccia, P.E. Evidence for reduction of contact facts in sickle cell disease. Presentation and Abstract, Soc Ped Res, Washington, D.C., May 1985.
4. Wiznitzer, M., Masaryk, T.J., **Berman, B.**, Shurin, S. Diagnosis of cerebrovascular disease in sickle cell anemia using magnetic resonance angiography. Presented September 16, 1989, Annual Meeting of American Society of Pediatric Hematology/Oncology. Am J Ped Hem/Onc 12:107, 1990.
5. Letterio, J. and **Berman, B.** Acute chest syndrome and intravenous narcotic therapy in children with sickle hemoglobinopathy. Presented at Research Session of Annual Meeting of American Society of Pediatric Hematology/Oncology, September, 1990. Am J Ped Hem/Onc 13:103, 1991.
6. Hall, H., Chiarucci, K., Lawson, M., and **Berman, B.** Management approaches for sickle cell anemia patients experiencing recurrent vaso-occlusive pain. Platform Presentation and Abstract, Annual Meeting of National Sickle Cell Program, March, 1991.
7. Wiznitzer, M., Smith, A., Lin, W., Haacke, M. and **Berman, B.** Neurologic dysfunction in sickle cell disease: assessment using parenchymal and angiographic magnetic resonance imaging. Platform Presentation and Abstract, Annual Meeting of National Sickle Cell Program, March, 1991.
8. Brooks, L., Koziol, S., Chiarucci, K. and **Berman, B.** Sleep disordered breathing in patients with sickle cell anemia. Platform Presentation and Abstract, Society for Pediatric Research, April, 1991.
9. Smith, A., Wiznitzer, M., and **Berman, B.** MRI/MRA in sickle cell disease: correlation with neurologic dysfunction. Presented at Annual Meeting of American Society of Neuro Radiology, June, 1991.
10. Schricker, M. E., Jacobs, M., Schreiber, J., Chiarucci, K., Kerman, J., Noe, A., and **Berman, B.** Prevalence of antibiotic-resistant Streptococcus Pneumoniae nasopharyngeal colonization in children with sickle cell anemia. Presented at the Annual Meeting of American Society of Pediatric Hematology/Oncology, September, 1991. Am J Ped Hem/Onc 13:103, 1991.
11. Rauf, A., Gauderer, M., and **Berman, B.** Central venous access devices in patients with sickle cell anemia. Presented at Annual Meeting of American Society of Pediatric Hematology/Oncology, September, 1991. Am J Ped Hem/Onc 13: 104, 1991.
12. Boswell, M.V., Chiarucci, K., and **Berman, B.W.** Continuous epidural infusion of low dose bupivacaine and morphine for management of sickle cell pain crises. Presented at the Annual Meeting of National Sickle Cell Program, March 1992.
13. Miller, R. and **Berman, B.W.** Transient erythroblastopenia of childhood in infants less than 6 months of age. Presented at The Fifth Annual Meeting of The American Society of Pediatric Hematology/Oncology, 1992.
14. Smith, A., Haacke, E.M., Lin, W., Wiznitzer, M., and **Berman, B.** TE5 vx TE8: Utility of short TE, 3D TOF intracranial MRA in children compared to adults. Presented at the Annual Meeting of the American Society of

Neuroradiology, May 1993.

15. Wiznitzer, M., Smith, A., Lin, W., Haacke, M., **Berman, B.** Brain MRI findings in sickle cell disease: Correlation with cerebrovascular status defined by magnetic resonance angiography (MRA). Presented at the Annual Meeting of the National Sickle Cell Program, May 1993.
16. Hertz, A.R. and **Berman, B.W.** Ambulatory practice patterns of pediatricians and general and family practitioners. Platform presentation at annual meeting of Ambulatory Pediatric Assoc., May 1995. Arch Pediatr Adolesc Med, 149:P58, 1995.
17. Mock, L., Chiarucci, K., **Berman, B.** Splenic sequestration in children with sickle cell anemia: A ten year experience. Presented at Annual Meeting of the National Sickle Cell Program, March 1996.
18. DePiero, A., **Berman, B.**, Robin, N., Zinn, A., Lourie, E., and Hostoffer, R. Recurrent immune cytopenias in two patients with 22q 11.2 deletion. Presented at the Annual Meeting of the Clinical Immunology Society, May 1996.
19. Adams, R., Brambilla, D., McKie, V., Files, B., Vichinsky, E., Abboud, M., Hsu, L., Pegelow, C., Woods, G., Miller, S., Wang, W., Olivieri, N., **Berman, B.**, Hurlet, A., Driscoll, C., Scher, C., Wright, E., Gallagher, D., Carl, E., Nichols, F., Kutlar, A., Zimmerman, R. Stroke prevention in sickle cell disease (STOP): Baseline characteristics of trial patients. Presented at Annual Meeting of the National Sickle Cell Program, September 1997.
20. Holzmann, G. and **Berman, B.** Bacteremia and sepsis in children with sickle cell disease: A 12 year experience at Rainbow Babies and Children's Hospital. Presented at Annual Meeting of the National Sickle Cell Program, September, 1997.
21. Driscoll, M.D., Hurlet, A., **Berman, B.**, Files, B., Byrne, J. Stroke in SIB-pairs with sickle cell disease. Blood, 90:264a, 1997. Presented at Annual Meeting of American Society of Hematology.
22. Abboud, M.R., Cure, D., Gallagher, D., **Berman, B.**, Hsu, L., Wang, W., Woods, G., Brambilla, D., Lewin, J., Zimmermann, B., and Adams, R. Magnetic resonance angiography in children with abnormal TCD in the STOP study. Presented at the Annual Meeting of the National Sickle Cell Program, 1998.
23. Palermo, K., Gutin, H., Craig, H., Drotar, D., **Berman, B.** Quality of life in pediatric sickle cell disease. Presented at Plenary Session of Annual Meeting of The Sickle Cell Disease Association of America, September 1999.
24. Miller, S., Wright, E., Abboud, M., **Berman, B.**, et. al. Impact of chronic transfusion on non-neurologic events during the stroke prevention trial in sickle cell anemia (STOP). Presented at Annual Meeting of the National Sickle Cell Program, April, 2000.
25. Brambilla, D., Niekol, F., Abboud, M., **Berman, B.**, et al. Reproducibility of transcranial doppler ultrasound in children with sickle cell disease. Presented at Annual Meeting of the National Sickle Cell Program, April 2000.
26. Odo, P., McKie, V.C., Kwiatkowski, J., **Berman, B.W.**, et al. Retrospective study of hydroxyurea's impact on stroke and transcranial Doppler ultrasound. Presented at the Meeting of the National Sickle Cell Program, April 2004.

Poster Presentations at National Meetings:

1. **Berman, B.**, Boxer, L., Altman, A., Coates, T., and Benz, E. Molecular analysis of beta thalassemia phenotype associated with HbE. Presented Poster Session, American Federation of Clinical Research Meeting, May 12, 1980. Clin Res 28:305A, 1980.

2. Wiznitzer, M., and **Berman, B.** Subarachnoid hemorrhage in sickle cell disease: evaluation using parenchymal and angiographic magnetic resonance imaging. Presented at Poster Session of Annual Meeting of American Society of Pediatric Hematology/Oncology, September, 1990. Am J Ped Hem/Onc 13:116, 1991.
3. Splain, J., and **Berman, B.** Cyclosporine - A treatment of Diamond Blackfan anemia. Presented at Poster Session of Annual Meeting of American Society of Pediatric Hematology/Oncology, September, 1990. Am J Ped Hem/Onc 13:117, 1991.
4. Hupertz, V.F., Bartolone, C., Chiarucci, K., and **Berman, B.W.** Prevalence of hepatitis C virus antibody positivity in transfused sickle cell anemia patients. Poster Presentation at the Annual Meeting of National Sickle Cell Program, March 1992.
5. Chiarucci, K. and **Berman, B.W.** Home intravenous Desferal chelation therapy in patients with sickle cell anemia. Poster Presentation at the Annual Meeting of National Sickle Cell Program, March 1992.
6. **Berman, B.W.**, Chiarucci, K. Assessment of the utility and validity of pulse oximetry measurements in patients with sickle cell anemia. Poster Presentation at the Annual Meeting of National Sickle Cell Program, March 1992.
7. Eddie, A.M., Reynolds, L., Chiarucci, K., Hall, H., and **Berman, B.** Art therapy in sickle cell anemia patients: Celebrating multi-cultural diversity in the therapeutic milieu. Poster Presentation at the Annual Meeting of the National Sickle Cell Program, May 1993.
8. Pegelow, C.H., Adams, R., Mckie, V., Abboud, M., **Berman, B.**, Miller, S., Oliveri, N., Vichinsky, E., and Wang, W. Risk for recurrent cerebral infarction in sickle cell disease during chronic transfusion therapy. Poster Presentation at Annual Meeting of American Society of Hematology, Nov. 1993.
9. Chiarucci, K., Rowbottom, L., Conti, K., Douglas, K., **Berman, B.** Development of a collaborative carepath for sickle cell vaso-occlusive pain management in pediatric patients. Poster presentation at Annual Meeting of the National Sickle Cell Program, May 1994.
10. Hall, H., Chiarucci, K., Reynolds, L., **Berman, B.** A psycho-physiologic model for vaso-occlusive pain management. Poster presentation at Annual Meeting of the National Sickle Cell Program, May 1995.
11. **Berman, B.** and Chiarucci, K. Avascular necrosis of the femoral head in a child with sickle cell anemia receiving hydroxyurea therapy. Poster presentation at Annual Meeting of the National Sickle Cell Program, May 1995.
12. **Berman, B.**, Koshy, M., Gauderer, M. Is the prevalence of appendicitis reduced in the sickle anemia population? Poster presentation at Annual Meeting of the National Sickle Cell Program, March 1996.
13. Chiarucci, K., Rowbottom, L., **Berman, B.** Implementation of a collaborative carepath for sickle cell vaso-occlusive pain management in pediatric patients. Poster presentation at Annual Meeting of the National Sickle Cell Program, March 1996.
14. **Berman, B.**, Chiarucci, K., Monthly four day courses of high dose deferoxamine in chronically transfused patients with sickle cell anemia. Poster presentation at Annual Meeting of the National Sickle Cell Anemia Program, March 1996.
15. Adams, R., McKie, V., Files, B., Vichinsky, E., Abboud, M., Hsu, L., Pegelow, C., Woods, G., Miller, S., Wang, W., Olivieri, N., **Berman, B.**, Hurler, A., Driscoll, C., Scher, C., Brambilla, D., Wright, E., and Nichols, F. Stroke prevention in sickle cell disease (STOP): Results of transcranial doppler ultrasound screening stroke risk. Poster Presented at Annual Meeting of the National Sickle Cell Program, September 1997.

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17. Adams, R., McKie, V., Files, B., Vichinsky, E., Abboud, M., Hsu, L., Pegelow, C., Woods, G., Miller, S., Wang, W., Olivieri, N., **Berman, B.**, Hurllet, A., Driscoll, C., Scher, C., Brambilla, D., Wright, E., Nichols, F. Stroke prevention in sickle cell disease (STOP): Follow-up after closure of the trial. Poster presented at American society of Hematology, Dec. 1998.
18. Villella, A., Gutin, H., **Berman, B.W.** Elevated serum lipase levels in sickle cell patients receiving chronic transfusion therapy. Poster presented at the Meeting of the National Sickle Cell Program, April 2004.
19. Nero, A., Villella, A., Gutin, H., **Berman, B.** Cardiac dysrhythmias in pediatric patients with sickle cell anemia. Poster presented at Annual Meeting of the National Sickle Cell Program, 2006.
20. Villella, A., Gutin, H., **Berman, B.**, Viridans streptococcal bacteria in children with sickle cell disease. Poster presented at the Annual Meeting of the National Sickle Cell Program, 2006.
21. Zsebik, G., O'Riordan, MA., **Berman B.**, and Villella, A. Low risk of Meperidine – induced seizures in children with sickle cell disease. Academic Pediatric Societies Meeting, 2007.
22. Aygun B., Wruch L., **Berman B.**, et.al. Academic Community Standards for Chronic Transfusion RX in Children with S-S Disease and Abnormal TCD. Am. Soc. Hematology Annual Meeting, 2010.

Abstracts:

1. Palmer, J., Schidlow, D.V., Foley, C., **Berman, B.**, and Huang, N. Respiratory evaluation of children in a chlorine gas disaster: identification of risk factors. *Ped Res* 12:567, 1978.
2. Hoffman, R., Benz, E., Snyder, E., Mazur, E., Murnane M., **Berman, B.**, Genko, J., and Foget, B. Characterization of human leukemic cell line with unique erythroid properties. *Blood* 54:172A, 1979.
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4. Gordon, E.M., Klein, B.C., **Berman, B.W.**, Strandjord, S.E., Simon, J.E. and Coccia, P.E. The contact factors in sickle cell disease: evidence for chronic intravascular coagulation. *Blood* 62:56A, 1983.
5. **Berman, B.**, and Clapp, W. Failure of standard dose erythropoietin therapy in Diamond-Blackfan anemia. Annual Meeting of American Society of Pediatric Hematology/Oncology, September 1991.
6. Spanier, S. and **Berman, B.W.** Zinc protoporphyrin screening for iron deficiency and lead toxicity in a suburban pediatric population: Incidence and cost effectiveness. Annual Meeting of American Society of Pediatric Hematology/Oncology, 1992.
7. Marchesi, S.L., Benoit, L., Beardsley, P., Becker, P., Speicher, D., and **Berman, B.** Two Families with Spherocytosis and Unstable β Spectrin. *Blood*, 80:276a, 1992.
8. Molinari, M.B., Drug, S.E., Yamashita, T.S., Chiarucci, K., and **Berman, B.W.** Emergency Department utilization among children with sickle cell anemia. Annual meeting of the National Sickle Cell Program, May

1993.

9. Carl, E. Adams, R., McKie, V., Abboud, M., **Berman, B.**, et al. Distribution of Transcranial Doppler (TCD) velocities in children with sickle cell disease (Hb ss): A multi-center pilot study. Annual meeting of the National Sickle Cell Program, May 1995.
10. Reynolds, L., Stubbs, N., Huntley, K., Chiarucci, K., **Berman, B.** Sickle cell anemia adolescent support and education group. Annual meeting of the National Sickle Cell Program, May 1995.
11. Kralovics, R., Tze, L., Guan, L., Indeak, K. **Berman, B.**, Sokol, L., Prchal, J.T. Two unique epo receptor mutations associated with autosomal dominant primary familial and congenital polycythemia. *Blood* 86:18a, 1995.
12. Gauderer, M., **Berman, B.** Is appendicitis rare in patients with sickle cell anemia? Annual Meeting of the American Pediatric Surgical Association, 1996.
13. Suarez, W., Snyder, S., Patel, C., **Berman, B.** Identifying cardiac dysfunction due to iron overload in transfusion dependent children and young adults. Annual Meeting of the National Sickle Cell Program, September 1997.
14. Adams, R., Brambilla, D., McKie, V., Files, B., Vichinsky, E., Abboud, M., Hsu, L., Pegelow, C., Woods, G., Miller, S., Wang, W., Olivieri N., **Berman, B.**, Hurlet, A., Driscoll, C., Scher, C., Wright, E., Gallagher, D., Carl, E., Nichols, F., Kutlar, A., and Zimmerman, R. Stroke prevention in sickle cell disease (STOP): Baseline characteristics of trial patients. *Blood*, 90:123a, 1997.
15. Adams, R., Brambilla, D., McKie, V., **Berman, B.**, et al. Stroke prevention in sickle cell disease (STOP): Follow-up after closure of the trial. *Blood*, 92:527a (supplement 1), 1998.
16. Adams, R., Brambilla, D., McKie, V., **Berman, B.**, et. al. Risk of stroke in children with sickle cell disease and abnormal transcranial doppler ultrasound. *Blood* (supplement), 1999.
17. Abboud, M.R., Cure, J., Gallagher, D., **Berman, B.**, et.al. Magnetic resonance angiography in children with abnormal transcranial doppler in the "STOP" study. *Blood* (supplement), 1999
18. Adams, R., Brambilla, D., **Berman, B.**, et. al. Transcranial doppler in children with sickle cell disease: pulsatility in relation to velocity. *Blood* (supplement, 2000).
19. Palermo, T., Schwartz, L., Gutin, H., Drotar, D., **Berman, B.** Impact of sickle cell pain on child and family quality of life. 5th International Symposium on Pediatric Pain, 2000.
20. Adams, R., Carl, E., Jones, A., **Berman, B.**, et. al. Transcranial doppler in sickle cell disease: comparison of systolic and diastolic to mean velocities for stroke prevention. Annual Meeting of the National Sickle Cell Program, April 2000.
21. Scothorn, D., Schwartz, D., Price, C., **Berman, B.**, et. al. Mortality and morbidity of strokes in children with sickle cell anemia receiving blood transfusion therapy for at least 5 years: a retrospective cohort of 138 patients. Annual Meeting of the National Sickle Cell Program, April 2000.
22. Adams, R., Brambilla, D., McVie, V., **Berman, B.**, et. al. Stroke prevention in sickle cell disease (STOP): final results. *Blood* (supplement), 2001.
23. Kutlar, A., Harbin, B., Jackson, B., **Berman, B.**, et. al. Laboratory parameters in patients randomized in the STOP study and their modification by transfusion. *Blood* (supplement), 2001.
24. Brambilla, D., Oliveri, N., McVie, V., **Berman, B.**, et. al. Changes in cerebral blood flow velocities during

chronic transfusion therapy to prevent stroke in sickle cell disease. Blood (supplement), 2001.

25. Villella, A., O’Riordan, M., Carnaval, M., Gutin, H., and **Berman, B.** Long term erythrocytapheresis in patients with sickle cell anemia: A model for predicting exchange transfusion volume and frequency. J Pediatr Hematol Oncol, 23: A11, 2001.

26. Adams, R., Abboud, M., **Berman, B.**, et. al. TCD in sickle cell disease (SCD): Focal vs. generalized velocity as an indicator of stroke risk. Annual Meeting of the American Academic of Neurology, 2001.

27. Driscoll, M.C., Hurlet, A., **Berman, B.** Stroke Risk in Siblings with Sickle Cell Anemia. Annual Meeting of American Society of Hematology, 2001.

28. Palermo, T.M., Cox, S., Gutin, H., **Berman, B.** Pain disability and quality of life in children with sickle cell disease. Annual Meeting of the National Sickle Cell Program, 2002

29. Ramsingh, D., Adams, R.J., McKie, V., **Berman, B.**, et. al. Effects of hydroxyuria treatment on transcranial Doppler velocities in sickle cell children. Annual Meeting of the National Sickle Cell Program, 2002

30. Odo, N., Adams, R.J., McKie, V., **Berman, B.**, et. al. Effect of hydroxyurea on stroke risk in sickle cell anemia. Annual Meeting of the National Sickle Cell Program, 2002.

31. Adam, L., Jones, A., Granger, S., **Berman, B.**, et. al. Peak systolic/diastolic TCD velocities for stroke prediction in sickle cell anemia. Annual Meeting of the Society for Pediatric Radiology, 2004.

32. Alvaret, O., Miller, S., **Berman, B.W.**, et. Al. Evaluation of chronic transfusion practices in children with sickle cell disease. Annual Meeting of the National Sickle Cell Program, 2004.

33. Villella A, Gutin H, **Berman B.** Elevated serum lipase levels in sickle cell patients receiving chronic blood transfusion therapy: An early sign of iron toxicity? 27th Annual Meeting of the National Sickle Cell Disease Program, Los Angeles, CA, April 2004

34. Hulbert, M., Scothorn, D., DeBaun, M. and The Neurology-Hematology Consortium. Exchange transfusion is associated with a lower risk of subsequent strokes than simple transfusions. Annual Meeting of Pediatric Academic Society, 2005.

35. Brown, C., Miller, S., Kwiatkowski, J., et al. Optimizing primary stroke prevention in sickle cell anemia (STOP 2): An argument for prolonged transfusion. Annual Meeting of the Am. Society of Hematology, 2005.

36. Villella A, Gutin H, **Berman B.** Viridans streptococci bacteremia in children with sickle cell disease. 29th Annual Meeting of the National Sickle Cell Disease Program, Memphis, TN, April 2006.

37. Nero A, Villella A, Gutin H, **Berman B.** Cardiac dysrhythmias in pediatric patients with sickle cell anemia. 29th Annual Meeting of the National Sickle Cell Disease Program, Memphis, TN, April 2006.

38. Zsebik G, O’Riordan M, **Berman B**, Villella A. Low risk of meperidine-induced seizures in children with sickle cell anemia. Pediatric Academic Society/American Society of Pediatric Hematology/Oncology 2007 Annual Meeting, Toronto, Canada, May 2007.

39. Sarnaiks and The Silent Infarct Multi-Center Clinical Trial Investigation. Elevated Systolic BP and Low HgbF are Risk Factors for Silent Cerebral Infarcts in Children with Sickle Cell Anemia. Am. Soc. of Hematology Annual Meeting, 2009

40. Trucco, M. O’Riordan, M., **Berman, B.** Rituximab Treatment in Pediatric Patients with Immunohematologic Diseases Refractory to Conventional RX. Am. Soc. of Hematology Annual Meeting, 2010

41. Lalwani, M., DeBarr, M., Piccone, C., **Berman, B.** Iron Burden in Simple vs. Modified Exchange

Transfusions in Pediatric Sickle Cell Patients on Chronic Transfusion Therapy. Am. Soc. Hematology Annual Meeting, 2011

42. Yagiela, L., **Berman, B.**, et.al. Caring for PICU Survivors: Perspective of Primary Care Pediatricians. AAP National Conference, 2023

Books and Chapters:

1. Benz, E.J., Ghosh, P., Rokumaki, Y., Scarpa, A., Tonkonow, B., and **Berman, B.** Expression of the globin genes in normal, thalassemic and leukemic erythroid cells. In Regulation of Hemoglobin Biosynthesis. Goldwasser E, Editor. Elsevier Science Publishing Co., Inc., 1983.
2. **Berman, B.W.** Manual of Emergency Pediatrics, Fourth Edition, Reece, R., Editor. W. B. Saunders Co., 1992. Chapters: Sickle Cell Anemia
Purpura
Pallor
Anemia
Neck Masses
Lymphadenopathy
Henoch-Schonlein Purpura.
3. **Berman, B.W.** Pallor and Anemia. In Practical Strategies in Pediatric Diagnosis and Therapy. Kleigman, R., Nieder, M., and Super, D., Editors. W.B. Saunders Co., 1996, and Second Edition, 2004.
4. Schreiber, J. and **Berman, B.W.** Lymphadenopathy. In Practical Strategies in Pediatric Diagnosis and Therapy. Kliegman, R., Nieder, M., and Super, D., Editors. W. B. Saunders Co. 1996, and Second Edition, 2004

APPENDIX I

Educational Presentations/Lectures/ Conferences/Invited Presentations:

Pediatric Grand Rounds: Rainbow Babies and Children's (CME approved)

Sept. 1988	"Splenic Dysfunction and Infection in Sickle Cell Anemia"
Nov. 1989	"Long Term Consequences of Sickle Cell Anemia"
March 1991	"The Spleen and Disturbance of Spleen Function"
April 1992	"Bone Marrow Transplantation in Sickle Cell Anemia"
Sept. 1993	"Sickle Cell Anemia: Update 1993"
Nov. 1994	"Anemia in the 1990's"
Jan. 1998	"Sickle Cell Anemia: Update 1998"
May 2001	"Sickle Cell Disease: What Happens When They Grow Up:
April 2005	"The Spleen and Disorders of Splenic Function"
Dec. 2008	"Sickle Cell Disease" New Insights into Old Problems"

Pediatric Grand Rounds: Children's Hospital of Michigan (CME approved)

Aug. 2021 "The Spleen and Disorder of Splenic Function"

Pediatric Grand Rounds/Quality Assurance Conferences: Beaumont Children's

Sept. 2012 "Sickle Cell Disease: New Insights into Old Problems"

July 2013 "The Spleen and Disorders of Splenic Functions"
Jan. 2015 "Childhood Immune Thrombocytopenia: Update 2015"
Jan. 2017 "Polycythemia"
April 2018 "A Female Teen with Hemolytic Anemia and Thrombocytopenic"

Pediatric Grand Rounds: At other Ohio institutions (CME approved)

Dec. 1985 Metro Health Medical Center, Cleveland, Ohio
"Infection in Sickle Cell Anemia"
April 1986 Cleveland Clinic Foundation, Cleveland, Ohio
"New Developments in Pediatric Hematology"
Dec. 1986 Mt. Sinai Medical Center, Cleveland, Ohio
"New Developments in Pediatric Hematology"
June 1990 Mt. Sinai Hospital, Cleveland, Ohio
"Prenatal and Neonatal Diagnosis of Hemoglobinopathy"
Oct. 1990 Fairview General Hospital, Cleveland, Ohio
"Prenatal and Neonatal Diagnosis of Hemoglobinopathy"
Dec. 1993 Fairview General Hospital, Cleveland, Ohio
"Approach to the Mildly Anemic Child"
Sept. 1995 MetroHealth Medical Center, Cleveland, Ohio
"Anemia in the 1990's"
April 1996 Mt. Sinai Hospital, Cleveland, Ohio
"Sickle Cell Anemia: Update 1996."
Feb. 1997 St. Luke's Hospital, Cleveland, Ohio
"Hydroxyurea Therapy for Sickle Cell Anemia"
April 1999 Fairview Hospital, Cleveland, Ohio
"Advances in the Care of Children with Sickle Cell Anemia"
March 2001 MetroHealth Medical Center, Cleveland, Ohio
"Advances in the Care of Children with Sickle Cell Anemia"
Jan. 2009 MetroHealth Medical Center, Cleveland, Ohio
"Sickle Cell Disease: New Insights into Old Problems"
Jan. 2011 Metro Health Medical Center, Cleveland, Oh "Update: Sickle Cell Anemia"
Dec. 2014 Children's Hospital of Michigan, Detroit
"Childhood Immune Thrombocytopenia: Updated 2015"
May 2023 Michigan State University Department of Pediatrics, Lansing MI
"The Spleen and Disorders of Splenic Function"

Medical School Lectures/Presentations:

1990 - 2006 Second Year Medical Student Hematology, Case Western Reserve University School of Medicine
Committee Program: The Biologic Basis of Disease II:
a) Red Blood Cell Structure & Function (2 hours)
b) Sickle Cell Anemia (1 hour)
2013 – 2018 Second Year Medical Student Clinical Correlation: Oakland University William Beaumont
School of Medicine.
- Sickle Cell Anemia (3 hours)
2014 Lunch and Learning Seminar (Coordinator), Oakland University William Beaumont School of
Medicine. "Interacting with parents of seriously ill children".

- 2014, 2015 Second Year Medical Student Lecture, Oakland University William Beaumont School of Medicine. "Genetic disorders of hemoglobin".
- 2014, 2015, Team Based Learning Seminar, Oakland University William Beaumont School of Medicine.
2017-2020 "Sickle cell anemia: clinical and ethical issues".
- 2022- CMU M2 Hematology Course "Coagulation" (2 hours)
2022- CMU M2 Hematology Course "Team Based Learning" (2 hours)

National Workshop:

1. **Berman, B.**, Mortimer, J., Ponitz, K., Boutry, M., Occhionero, S. Establishing a successful general pediatric and consultation service in an academic children's hospital setting. Presented at Annual Meeting of Ambulatory Pediatric Society, May 1996. (3 hours)
2. Hertz, A., DeBarr, M., and **Berman, B.** Development and operation of an after-hours nurse telephone advice center. Presented at Annual Meeting of Ambulatory Pediatric Association, May 1997. (3 hours)

Regional Conferences Organized:

- April 1993 Sickle Cell Anemia: Update 1992, Cleveland, Ohio
Sponsored by: The Rainbow Sickle Cell Anemia
Center of Rainbow Babies and Children's Hospital,
American Sickle Cell Anemia Association,
Sickle Cell Anemia Program at Akron Children's Hospital,
Sickle Cell Program of Lorain/Medina County
- June 1996 Update on Pediatrics in Clinical Practice:
Interactive Workshops for Pediatricians and Family Physicians
Sponsored by Rainbow Babies & Children's Hospital
Oberlin, Ohio and Concord, Ohio
- June 1997 Pediatrics Today: Generalist/Specialist Cooperation
in an Era of Managed Care
Interactive Workshops for Primary Care Physicians
Sponsored by Rainbow Babies & Children's Hospital
Cleveland, Ohio
- Sept. 1999 Pediatric Today: Lessons and Opportunities for Pediatric
Office-Based Research
Sponsored by Rainbow Babies & Children's Hospital
Cleveland, OH.
- Oct. 2001 Emergency Pediatrics for the Office Practitioner
Sponsored by Rainbow Babies & Children's Hospital
Cleveland, OH
- Oct. 2007 Advances in Pediatrics
Pediatric Travel Club Meeting
Cleveland, OH

May 2008 Pediatrics Today: Office Pediatrics
Sponsored by Rainbow Babies & Children's Hospital
Cleveland, OH

Pediatric Management Conferences: Rainbow Babies & Children's Hospital (CME approved)

July 1989 "21 Year Old Female with Severe Anemia and Variable Pancytopenia."
Sept. 1989 "Transient Erythroblastopenia of Childhood."
Nov. 1989 "Transient Erythroblastopenia in a 4 month old infant."
July 1990 "Sickle Cell Anemia: Osteomyelitis vs. Bone Infarction."
Nov. 1990 "Mononucleosis Associated ITP."
July 1991 "Iron Deficiency Anemia."
April 1992 "Splenic Sequestration in Sickle Cell Disease."
July 1992 "Bacteremia in Sickle Cell Anemia."
July 1992 "Disseminated Intravascular Coagulation in Neonatal Herpes Sepsis."
Feb. 1993 "A 2 Year Old Child with Purpura."
April 1993 "Acute Splenic Sequestration in Sickle Cell Disease."
June 1993 "Aplastic Crisis in Children with Chronic Hemolytic Anemia."
May 1994 "A Child with Sore Throat, Fever and Obstructed Breathing."
July 1994 "A Teen with Hgb H Disease."
July 1994 "An Infant with Iron Deficiency."
Aug. 1994 "A 4 Year Old Female with Short Stature."
Dec. 1994 "The Acute Chest Syndrome of Sickle Cell Disease."
March 1995 "A 4 Year Old Child with Pneumonia and Empyema."
April 1995 "Thrombotic Disease in Children and Adolescents."
Aug. 1995 "Salmonella Osteomyelitis in a Child with Sickle Cell Disease."
Nov. 1995 "Neurofibromatosis"
Dec. 1995 "Screening for Iron Deficiency Anemia"
May 1996 "Isoimmune Hemolytic Anemia"
Aug. 1996 "A 17 Month Old with Hematochezia"
Sept. 1996 "Sickle Cell Vaso-occlusive Pain"
Nov. 1996 "Three Children with Leukocytosis"
May 1997 "A 15 Year Old with Fever, Rash, Hypotension and Liver Dysfunction"
Jan. 1998 "Managed Care Scenarios"
Aug. 1998 "Four Anemic Children"
Nov. 1999 "An 11 Month Old with Persistent Fever and Leukocytosis"
April 2000 "A 5 Year Old with Sickle Cell Anemia, Hemiparesis and Altered Mental Status"
May 2000 "A Teen with Jaundice, Hepatomegaly and Progressive Anemia"
Nov. 2001 "Anemia in the Pediatric Patient: A 21st Century Approach"
Sept. 2002 "A Teen with Altered Mental Status"
Oct. 2002 "Anemia: Case Studies"
Aug. 2002 "Anemia in the Pediatric Patient"
Sept. 2003 "Post-Traumatic Stress Disorder and Teen Depression"
Sept. 2005 "Anemia Case Studies"
Sept. 2006 "Anemia in Pediatric Patients"
Feb. 2007 "25 Years in the Trenches: Interesting Case"
Sept. 2007 "Cyanotic Infant" (Methemoglobinemia)
Oct. 2008 "4 Year Old with Abdominal Pain and Vomiting"
Sept. 2009 "A Curious Case of Passing Out"
Sept. 2010 "Congenital Asplenia"
Oct. 2010 "Stump the Attending: 9-year-old with cough and weight loss"
Jan. 2011 "Kawasaki Disease" Panel Discussion
Dec. 2011 "A Teen with a Medistinal Mass"

Pediatric Management Conferences at Other Institutions: Mt. Sinai Medical Center, Cleveland, Ohio

Oct. 1986	"Sickle Cell Anemia"
Aug. 1987	"Neutropenia"
Aug. 1988	"Meningitis in Sickle Cell Anemia"
Jan. 1989	"Stroke in Patients with Sickle Cell Anemia"
Aug. 1989	"Sickle Cell Anemia - Infection and Pain"
Mar. 1990	"Acute Chest Syndrome in Sickle Cell Anemia"
Jan. 1992	"Sickle Cell Vaso-Occlusive Pain Crises"

Management Conferences at Other Institutions: MetroHealth Medical Center, Cleveland, Ohio

Dec. 2004	"Sickle Cell Vaso – Occlusive Pain"
Jan. 2005	"Bleeding Disorders"
April 2007	"Anemia"

Pediatric Ambulatory Resident Conferences: Rainbow Babies and Children's Hospital

1993-2006	Conferences presented approximately twice a month Topics include: Well Child Care, Anemia, Sickle Cell Anemia; Visual Diagnosis Of Infectious Diseases; Visual Diagnosis of Hematologic Diseases; Newborn Screening for Hemoglobinopathy; Childhood Allergies; Urinary Tract Infections; Headaches; Otitis Media; Enuresis; Developmental Screening; Colic; Speech and Language Delay; Early Interventions; Lead Toxicity; Attention Deficit Disorder; Gastroenteritis; Encopresis; Dental Care; Cocaine Exposed Infants; Snoring; Immunizations; Growth and Development; Infant Nutrition; Orthopedic Problems; Failure to Thrive; Varicella; Sinusitis; Asthma; School Failure; Eczema; Ocular Problems; Syncope; Outpatient Antibiotics; Managed Care; Henoch-Schonlein Purpura; Telephone Medicine; Sleep Problems.
March 2011	Evaluation of Anemia

Pediatric Core Lecture Series: Rainbow Babies and Children's Hospital

Sept. 1987	Pediatric Residents Conference, "Sickle Cell Anemia - Case Studies"
Feb. 1988	General Pediatric Care Conference, "Diagnostic Approach to Anemia"
April 1989	Pediatric Resident Core Conference, "The Painful Crisis of Sickle Cell Anemia"
Dec. 1990	Pediatric Emergency Room Conference/Lecture "Purpura"
Jan. 1995	Pediatric Emergency Medicine Lecture Series "The Child with Purpura"
Jan. 1995	Pediatric Core Lecture Series "The CBC of the 90's: New Age Information"
Jan. 1995	Emergency Medicine Core Lecture Series "The Child with Petechiae / Purpura"
Jan. 1996	Pediatric Core Lecture Series

March 1998 "Evaluation of the Mildly Anemic Child"
Sickle Cell Anemia: Adolescence into Adulthood
Aug. 2000 Sickle Cell Anemia: The Adolescent and Young Adult
Dec. 2002 Sickle Cell Anemia: Pediatric/Young Adult Issues

Resident/Fellow Conference Presentations: Beaumont Children's

Nov. 2012 "Fundamental Principles of Medicine"
Jan. 2013 "Spleen and disorders of splenic function" (Chairman's Conference)
April 2013 "Anemia: A 21st Century Approach"
Aug. 2013 "Review of Anemia"
Jan. 2014 "Anemia Case Studies" (Pediatric EC Conference)
Feb. 2014 "Sickle Cell Disease" (Pediatric EC Conference)
Aug. 2014 "Sickle Cell Anemia" (Nurse Educ. Seminar)
May 2015 "Anemia: overview for the generalist"
July 2015 "Sickle Cell Anemia" (Adult Hematology fellows)
Aug. 2015 "Introduction to Sickle Cell Disease" (Ped EC Conference)
Aug. 2015 "Sickle Cell Anemia & Review"
Mar. 2016 "Hematology Case Studies"
Jun. 2016 "Introduction to Coding & Billing"
Aug. 2016 "Sickle Cell Anemia" (EC Fellow Conference) Feb.
2017 "Sickle Cell Disease" (EC Fellow Conference) Mar. 2017
"Coding and Billing"
Apr. 2017 "Pediatric Hematology Board Review"
Jun. 2017 "Orientation to Coding"
July 2017 "Anemia"
Aug. 2017 "Faculty Promotion Seminar"
Dec. 2017 "Pediatric Hematology: Case Studies, Focus on Office-based cases"
Jan. 2018 "Introduction to Sickle Cell Disease"
March 2018 "A Teenage Female with Hemolytic Anemia and Thrombocytopenic"
June 2018 "The Spleen and Disorders of Splenic Function"
Aug. 2018 "Sickle Cell Emergencies"

Resident Lecture: Children's Hospital of Michigan

Nov. 2021 "Anemia"
Jan. 2022 "Sickle Cell Disease"
May 2022 "Transfusion Therapy"
Oct 2023 "Anemia in the Pediatric Patient"

Family Practice Resident Conference: University Hospitals of Cleveland

Oct. 1989 "Sickle Cell Anemia"
March 1992 "Sickle Cell Anemia"
Sept. 1997 "Sepsis and Meningitis"
Oct. 2003 "Sickle Cell Anemia: Adolescent/Young Adult Problems"
Oct. 2007 "Anemia"

Internal Medicine Resident Conference: University Hospitals of Cleveland

1990-1992 "Sickle Cell Anemia"

Intern Orientation Lecture Series: Rainbow Babies and Children's Hospital

1989-2008 "Sickle Cell Anemia"

Pediatric Resident Board Review Course: Rainbow Babies & Children's Hospital

Jan. 1992 "Anemia"
April 1993 "Anemia"
April 1996 "Attention Deficit Disorder"
1997-2012 "Anemia and Purpura" (yearly)

Pediatric Resident Board Review Course: MetroHealth Medical Center

May 2005 "Disorders of the Blood"
June 2005 "Pediatric Oncology Review"
2006-2008 "Pediatric Hematology Review"

"Pediatric Today" CME Series: Rainbow Babies & Children's Hospital

1990 Advances in Pediatrics: Update Pediatric Hematology/Oncology
"Neonatal Diagnosis of Hemoglobinopathy"

1993 Update in Pediatric Hematology/Oncology
"Office Evaluation of Anemia"

1994 Pediatrics Today:
"Evaluation of the Anemic Child in the 1990's"

1996 Update on Pediatrics in Clinical Practice
"New Approaches to the Diagnosis of Anemia"

1999 Pediatrics Today:
"The Role of Office Based Research in Addressing Gaps
in Treatment Paradigms"

2001 Pediatrics Today
"Case Studies in Adolescent Hematology"

2002 Pediatrics Today
"Evaluating the Child with Anemia"

2007 Pediatrics Today
"Anemia 2007"

2008 Pediatrics Today
"Hematology Case Studies"

Guest Lectures and Invited Presentations: Regional/National/International

1987 St. Christopher's Hospital for Children
Philadelphia, PA
"Idiopathic Thrombocytopenia Purpura" and
"Sickle Cell Anemia"

1990 Sharp Memorial Hospital
San Diego, CA

- "Sickle Cell Anemia: Prenatal and Neonatal Diagnosis and Infectious Complications"
- 1990 Sickle Cell Anemia Update
Dayton, OH
Participant in "Ask the Expert" panel
- 1991 National Institute of Health, Sickle Cell Branch of National Heart, Lung and Blood
Institute Scientific Advisory Committee - Drs. Wiznitzer and Berman - "Use of Magnetic
Resonance Angiography in Assessing the Central Nervous Systems Complications of Sickle Cell
Anemia"
- 1995 Bellamy Sickle Cell Update Seminar
Ohio Department of Health
Dayton, Ohio
"Newborn Screening Follow-up: The Cleveland Experience"
- June 2000 Mitochondrial Cytopathies 2000 National Conference
Cleveland, OH
Moderator: "Introduction to Mitochondrial Disease"
- April 2002 American Academy of Pediatrics
Super CME 2002 Program, Orlando, Florida
"Sickle Cell Anemia: Recent Advances in the Care of Pediatric Patients"
"Anemia in the Pediatric Patient: A 21st Century Approach"
- Dec. 2002 Centre Community Hospital
State College, PA.
11th Annual Pediatric Update
"Anemia in the Pediatric Patient"
- June 2004 University of Minnesota
Division of Pediatrics Presentation
"Establishing a Pediatric Hospital Program at an Academic Medical Center"
- Jan. 2007 Chaim Sheba Medical Center
Tel Hashom, Israel
"Sickle Cell Disease: New Insights into Old Problems"
- Nov. 2008 Hadassah University Hospital
Jerusalem, Israel
"Sickle Cell Anemia: New Insights into Old Problems"
- Nov. 2008 Tel Hashomer Hospital
Ramat Gan, Israel
"Sickle Cell Anemia: New Insights into Old Problems"
- Nov. 2008 Schneider Children's Hospital
Petah Tikva, Israel
"Evolution of Our Understanding of CNS Complications of Sickle Cell Anemia"
- Nov. 2008 Motol Hospital
Prague, Czech Republic
"Sickle Cell Disease: New Insights into Old Problems"

- Oct. 2009 Pediatric Surgery for the Pediatrician: International Interactive Web Symposium Pediatric Medicine Moderator
- Apr. 2013 Winthrop University Hospital, Long Island, N.Y. "Sickle Cell Anemia: Updates 2013"
- Aug. 2013 Nsambia Hospital, Kampala, Uganda. "Sickle Cell Disease: New Perspectives"
- Nov. 2013 Goryeb Children's Hospital (Atlantic Health System) Morristown, N.J. "The Spleen and Disorders of Splenic Function"
- Oct. 2015 Oakland Univ. Wm. Beaumont School of Medicine Alpha OmegaAlpha Induction Keynote Address
- Oct. 2018 Midwest Society for Pediatric Research Fellow Seminar, Royal Oak, MI

Guest Lectures and Invited Presentations: N.E. Ohio

- 1991 Department of Pediatrics
Case Western Reserve University
Chairman's Club Fall Meeting
"Sickle Cell Anemia: From Molecule to Man"
- 1991 American Sickle Cell Anemia Association Conference Sickle Cell Anemia Management and Care: A New Horizon
"New Issues in Patient Care"
Cleveland, Ohio
- 1992 Cuyahoga County Sickle Cell Affected Families Group: "Treatment of Transfusional Iron Overload"
Cleveland, Ohio
- 1992 Hough Norwood Health Center
Department of Pediatrics
Cleveland, Ohio
"Prenatal Diagnosis of Hemoglobinopathy"
"Differential Diagnosis of Anemia"
- 1994 Coalition of 100 Black Women, Annual Health Symposium: Sickle Cell Anemia.
Beginning the Life Cycle: Birth, Testing, Research.
Cleveland, Ohio
- 1994 Pediatric Nurse Practitioner Program
MetroHealth Medical Center

Cleveland, Ohio
"Diagnostic Approach to the Anemic Child"
- 1994 Research Seminar
Department of Pediatrics
Case Western Reserve University School of Medicine
"Preventing Stroke in Sickle Cell Disease: The STOP study"
- 1994 Center for Human Genetics
Case Western Reserve University
"Diagnosis of Hemoglobinopathy"

- 1995 Acute Care Pediatric Nurse Practitioners Lecture Series
Rainbow Babies & Children's Hospital
"Cyanosis and Anemia"
- 1995 Annual Newborn Screening Workshop
Ohio Department of Health
Strongsville, Ohio
"Hemoglobinopathies"
- 1995 Developmental Hematology Course
Division of Neonatology
Rainbow Babies & Children's Hospital
"Developmental Aspects of Hemoglobin and Red Blood Cells"
"Newborn Diagnosis of Hemoglobinopathy"
- 1995 Genetics / Perinatology Conference
Department of Genetics
Department of Obstetrics and Gynecology
Case Western Reserve University
"Antenatal and Prenatal Diagnosis of Hemoglobinopathy"
- 1996 Research Seminar
Department of Pediatrics
Case Western Reserve University
"Pharmacologic Manipulation of Fetal Hemoglobin: The
Multicenter Study of Hydroxyurea in Sickle Cell Anemia"
- 1996 Medical Student Seminar: Career Opportunities in Pediatrics
Case Western Reserve University
- 1996 CWRU Generalist Program Conference
"Sickle Cell Anemia:"
- 1997, 98, 99 Primary Care Career Night
"PPO's, HMO's, MSO's, Capitation and More"
Rainbow Babies & Children's Hospital
- Nov. 1997 Clinical Pathology Conference
University Hospitals of Cleveland
"Sickle Cell Anemia"
- Jan. 1998 Pediatric Surgery Grand Rounds
Rainbow Babies & Children's Hospital
"Surgical Aspects of Sickle Cell Anemia"
- Aug. 1998 Residents are Teachers
Rainbow Babies & Children's Hospital
Half-day Seminar, Faculty Participant
- Sept. 1998 Douglas-Satcher Lecture Series
University Hospitals of Cleveland
"Sickle Cell Anemia:"
- Oct. 1998 Clinical Discussion in Hematology/Oncology

- Pediatric Clinic Faculty Biannual Conference
“Advances in the Care of Children with Sickle Cell Anemia”
- Feb. 1999 University Hospitals of Cleveland
Center for Human Genetics (Grand Rounds)
“Update on the Treatment of Sickle Cell anemia”
- Sept. 1999 Co-Chair, Plenary Session, Annual Meeting of the Sickle Cell Anemia Association of America.
“Approaching the New Millennium: Learning from the Past, Preparing for the Future”
Cleveland, OH
- Sept. 1999 Pediatric Research Teaching Seminar
Rainbow Babies & Children’s Hospital
“Making Decisions in the Ambulatory Setting”
- Nov. 1999 Douglas Satcher Lecture
University Hospital of Cleveland
“Advances in the Care of Children with Sickle Cell Anemia”
- Feb. 2000 Case Western Reserve University
School of Medicine
Education Retreat 2000
“The Role of Ward and Teaching Attending Physicians”
- Feb. 2000 Center for Bloodless Medicine and Surgery
Rainbow Babies & Children’s Hospital
“Anemia: What Can We Do and Where Do We Begin?”

- Jan. 2001 Research Conference
Department of Pediatrics, CWRU
Rainbow Babies & Children's Hospital
"Update: Stroke Prevention Study 2001"
- July 2001 General Academic Pediatrics Clinical Conference
Rainbow Babies & Children's Hospital
"Diagnosing Mild Anemia in the Pediatric Patient"
- Oct. 2001 Douglas-Satcher Lecture Series
University Hospitals of Cleveland
"Advances in the Care of Children with Sickle Cell Anemia"
- Oct. 2001 Pediatric Psychology Seminar Series
Rainbow Babies & Children's Hospital
"Sickle Cell Anemia"
- Oct. 2001 Department of Laboratory Medicine
University Hospitals of Cleveland: Clinical Conference
"Update: Sickle Cell Anemia"
- Oct. 2001 Division of Pediatric Neurology Conference
Rainbow Babies & Children's Hospital
"Stroke and Hyperthrombosis"
- Nov. 2001 "The Clinical and Economic Impact of Bloodless Medicine and Surgery" Panelist: The Center for
Bloodless Medicine and Surgery Seminar Rainbow Babies and Children's Hospital Cleveland,
OH
- May 2002 Department of Genetics, CWRU
Clinical Genetics Rounds
"Hemoglobinopathy Screening"
- April 2004 Department of Genetics, CWRU
Genetic Counselor Course (Master's level)
"Hemoglobinopathies"
- Jan. 2005 MetroHealth Medical Center
Mortality and Morbidity Conference
"TTP and Intracranial Hemorrhage"
- Sept. 2005 Department of Medicine
Morbidity and Mortality Conference
"Pulmonary Hypertension in Sickle Cell Disease"
- Oct. 2005 MetroHealth Medical Center
Primary Care Conference
"Evaluation of the Anemic Child"

- June. 2006 Division of Allergy-Immunology
Rainbow Babies & Children's Hospital
"Autoimmune Hemolytic Anemia"
- Sept. 2007 Hematology Fellows Conference, Rainbow Babies & Children's Hospital "Transfusion
Medicine"
- Oct. 2007 PICU Fellows Conference, Rainbow Babies & Children's Hospital "Autoimmune Hemolytic
Anemia"
- June 2008 Pediatric Neurology Conference, Rainbow Babies & Children's Hospital, "Stroke in Patients with
Sickle Cell Disease"
- Sept. 2011 Cleveland Clinic Foundation
Hematology Fellows Conference
"New Development in Sickle Cell Disease"

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