

CURRICULUM VITAE
Revised Dec 2011

BIOGRAPHICAL

Name **David M. Orenstein, M.D.**
Birth Date November 3, 1945
Birth Place Plainfield, New Jersey
Citizenship U.S.A.

CURRICULUM VITAE

BIOGRAPHICAL

Name **David M. Orenstein, M.D.**
Birth Date November 3, 1945
Birth Place Plainfield, New Jersey
Citizenship U.S.A.
Business Address Children's Hospital of Pittsburgh of UPMC
AOB 3rd floor, Suite 3300
Children's Hospital Drive
45th and Penn
Pittsburgh, PA 15201
Business Telephone (412) 692-5630
Business Fax: (412) 692-6645

Home Address 1317 Macon Ave
Pittsburgh, PA. 15218
Home Telephone (412) 371-0999

EDUCATION AND TRAINING

Undergraduate

1967 Amherst College B.A.; Religion and Philosophy
Amherst, Massachusetts

Graduate

1973 Case Western Reserve University M.D.
Cleveland, Ohio

Post Graduate

1973-1975 Case Western Reserve University Residency: Pediatrics
Rainbow Babies and Children's Hospital
Cleveland, Ohio

1975-1977 Case Western Reserve University Fellowship:
Rainbow Babies & Children's Hospital Pediatric Pulmonary Diseases
Cleveland, Ohio
Carl F. Doershuk, M.D., Director

APPOINTMENTS AND POSITIONS

Academic

1977-1978	Case Western Reserve University	Senior Instructor of Pediatrics
1978-1981	Case Western Reserve University	Assistant Professor of Pediatrics
1981-1984	University of Tennessee Center for the Health Sciences Memphis, Tennessee	Assistant Professor of Pediatrics
1984-1986	University of Pittsburgh School of Medicine	Visiting Assoc. Prof. of Pediatrics
1986-	University of Pittsburgh School of Medicine	Associate Professor of Pediatrics
1987-	University of Pittsburgh School of Medicine	Associate Professor of Pediatrics with Tenure
1989-	University of Pittsburgh School of Education	Associate Professor of Instruction & Learning (Exercise Physiology)
1993	University of Pittsburgh	Professor of Pediatrics (with Tenure) School of Medicine
1993 - 2004	University of Pittsburgh School of Education	Professor of Health, Physical & Recreation Education (Exercise Physiology) (Department name change in 2004)
2000	Children's Hospital of Pittsburgh	The Antonio J. and Janet Palumbo Professor of Cystic Fibrosis
2002 -	Children's Hospital of Pittsburgh	Principal Investigator (Pediatrics), Therapeutics Development Center
2004-	University of Pittsburgh	Center for Bioethics and Health Law, Affiliate Faculty Member
2004-	University of Pittsburgh	Professor of Health and Physical Activity School of Education (Exercise Physiology)
2012-	University of Pittsburgh	Center for Bioethics and Health Law, Core Faculty

NON-ACADEMIC POSITIONS

1977-1978	University Hospitals of Cleveland	Acting Med. Director, Respiratory Therapy
1977-1978	University Hospitals of Cleveland	Acting Med. Director, Pediatric Pediatric Pulmonary Function Lab.
1978-1981	University Hospitals of Cleveland	Assistant Medical Director, Pediatric Respiratory Therapy

1977-1981	University Hospitals of Cleveland	Director, Pediatric Exercise Physiology Laboratory
1978-1984	Cleveland Cystic Fibrosis Center	Co-Director
1981-1984	Le Bonheur Children's Medical Center Memphis, Tennessee	Director, Cardiopulmonary Physiology Laboratories
1981-1984	Memphis Cystic Fibrosis Center	Director
1984-2000	Pittsburgh Cystic Fibrosis Center	Director
2000-2011	The Antonio J. and Janet Palumbo Cystic Fibrosis Center	Director
2011-	The Antonio J. and Janet Palumbo Cystic Fibrosis Center	Co-Director
1984- 99	Children's Hospital of Pittsburgh	Director, Pulmonology Department
2004-	Children's Hospital of Pittsburgh	Chair, Ethics Committee

CERTIFICATION AND LICENSURE

Specialty Certification

1979	American Board of Pediatrics	(#023308)
1989	Pediatric Pulmonology	(#232)
1996	Pediatric Pulmonology	(Recertified)
2002 (through 2010)	Pediatric Pulmonology	(Recertified)

Medical Licensure

1973	Ohio	036291
1981	Tennessee	13540
1984	Pennsylvania MD	031810-E

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Pediatric Society,	1996-
Society for Pediatric Research, Program Committee, Session Moderator,	1986- 1989
American Academy of Pediatrics, Fellow Committee on Sports Medicine, Liaison from Pulmonology Section, Member (Sections Representative) Pulmonology Section,	1980- (member #125838; cme#581485) 1984-1991 1991-94

Executive Committee	1987-96
American Thoracic Society	
Pediatric Assembly Program Committee,	1983-84, 1990-91
Pediatric Assembly Nominating Committee,	1987-88
Committee on the Scientific Basis of Pulmonary Care, Behavioral Science Section	1984-1987
Pediatric Assembly Nominating Committee (Chair)	1994-95
American College of Sports Medicine	
Fellow,	1979-present
Prevention and Rehabilitation Committee,	1984-88
American Society for Bioethics and Humanities	2004-
North American Society of Pediatric Exercise Medicine	
Board of Trustees,	1990 - 1996
Nominating Committee, Chairman	1991-92
Cystic Fibrosis Foundation	
Professional Education and Clinical Training Committee	1983-1989
Program Committee for North American Conference	1987
Program Committee for North American Conference	1989
Program Committee for International Conference	1990
Physician/Scientist Grant Review Committee	1989
Steering Committee for Developing Consensus Forums	1989-
Center Committee	1990-1991
Professional Education /Clinical Training Committee	1992- present
Chair	1993, 1994
Abstract Review Committee for North American Conference	1993
Southern Society for Pediatric Research	
Eastern Society for Pediatric Research	
Pittsburgh Pediatric Society	
Memphis Thoracic Society	
Secretary,	1983-84
Memphis and Mid-South Pediatric Society	
Tennessee Thoracic Society	
Pennsylvania Thoracic Society	

HONORS

1977-1979	NIH Young Investigator Award National Heart and Lung Institute
1986	Blank Memorial Lecturer, Blank Children's Hospital, Des Moines, IA
1987	Joan B. Rodnan, MD, Memorial Award, Cystic Fibrosis Foundation Western Pennsylvania Chapter

HONORS, cont'd

1992-2012	Best Doctors in America→. Listed
1992	The Douglas Jones Lecturer, Dartmouth Medical School, Hanover, NH
1997	The Squires Club Visiting Professorship, The Wellesley Hospital, Toronto, Ontario, Canada
1998	Joan B. Rodnan, M.D., Memorial Award, Cystic Fibrosis Foundation Western Pennsylvania Chapter
2000-	The Antonio J. and Janet Palumbo Professor of Cystic Fibrosis Children's Hospital of Pittsburgh, installed
2000	The Drew Wiltsie Lectureship, Children's Hospital of Pittsburgh, Pittsburgh, PA.
2000	The Nancy N. Huang, M.D., Guest Professorship in Cystic Fibrosis and Pediatric Pulmonology, St. Christopher's Hospital for Children, Philadelphia, PA
2001	Breath of Life Award, Cystic Fibrosis Foundation Western Pennsylvania Chapter
2002	The Elisa Klein Lectureship, University of Massachusetts School of Medicine, Worcester, MA
2003	Man of the Year in Science and Medicine, Vectors/Pittsburgh Patient Satisfaction Award (ranked first among all Children's Hospital of Pittsburgh attending physicians)
2006	Hans Wessel "Lifetime Commitment to Cystic Fibrosis" Award, Cystic Fibrosis Institute, presented at CFI Winter Retreat, Hoffman Estates, IL
2007	North Plainfield (NJ) High School Alumni Association Hall of Fame, elected
2008	Phillip George Lectureship in Pediatric Pulmonology (First Annual), LeBonheur Children's Medical Center and University of Tennessee Medical Center, Memphis, TN
2008	Stephanie Lynn Kossoff Memorial Lecture (Thirtieth Annual), Morgan Stanley Children's Hospital of New York-Presbyterian and Department of Pediatrics, College of Physicians & Surgeons, Columbia University. New York, NY.
2008	Patient Satisfaction Award (ranked first among all Children's Hospital of Pittsburgh of UPMC attending physicians)

PROFESSIONAL ACTIVITIES

Research

GRANTS RECEIVED:

1977-1978	"Exercise Conditioning in Patients with cystic fibrosis (P.I.)	Cystic Fibrosis Foundation, Rainbow Chapter	\$16,000
1977-1979	"Exercise Conditioning in Patients with Cystic Fibrosis (P.I.)	NIH Young Investigator Award	\$66,599

1979-1980	"Exercise and Ventilatory Control in Patients with Cystic Fibrosis" (P.I.)	Cystic Fibrosis Foundation, Rainbow Chapter	\$19,062
1979-1981	"Exercise Testing and Conditioning in Patients with Cystic Fibrosis" (P.I.) (Part of Program Project Grant, Studies in Cystic Fibrosis)	NIH	\$109,371
1980-1981	"Responses to Exercise and Heat Stress in Cystic Fibrosis" (P.I.)	Cystic Fibrosis Foundation, Rainbow Chapter	\$15,322
1982-1983	"Exercise Testing and Conditioning in Asthma" (P.I.)	American Lung Association of Tennessee	\$9,000
1984-1986	"Exercise Tolerance with Nutritional Repletion in Cystic Fibrosis" (P.I.)	Cystic Fibrosis Foundation	\$92,953
1985	"Activity, Bronchial Obstruction and Fitness in Asthma" (P.I.)	Children's Hospital of Pittsburgh Research Advisory Committee	\$7,450
1986-1987	"Effects of Oxygen Supplementation on Exercise in Patients with Cystic Fibrosis" (P.I.)	Children's Hospital of Pittsburgh Research Advisory Committee	\$7,000
1988-1992	"Long-term Exercise Intervention in Cystic Fibrosis" (P.I.)	NIH, RO1 HL35334	\$1,190,608 (direct)
1989-1990	"Ciprofloxacin vs. Cipro + Rifampin Therapy in Cystic Fibrosis" (P.I.)	Cystic Fibrosis Foundation	\$97,443
1992	"A Phase III, Multicenter, Double-blind, Placebo controlled, Parallel Study to Evaluate the Safety and Efficacy of Aerosolized Recombinant Human DNAse (rH DNase) inpatients with Cystic Fibrosis" (Co-I)	Genentech, Inc. GHBA -545	\$106,136
1992-1993	"A Six-month Randomized, Parallel Group, Double-blind Clinical Trial Comparing Amiloride Hydrochloride with Placebo in Adolescent and Adult patients with Cystic Fibrosis" (P.I. for Pittsburgh Site)	Glaxo Pharmaceutical AML-302	\$161,938
1994-1998	"Aerobic Exercise in Cystic Fibrosis: a 1-year Intervention" (P.I.)	NIH, RO1 HL52306	\$1,678,840 (direct)
1995-	Multicenter Investigation of Nontuberculous Mycobacteria in Patients with Cystic Fibrosis Lung Disease (local P.I.)	Cystic Fibrosis Foundation; Children's Hospital General Clinical Research Center	\$4,000
1995-1996	A Comparison of the Efficacy and Safety of Creon and Placebo in the Treatment of Steatorrhea in Pediatric and Adolescent Cystic Fibrosis Patients with Clinical Exocrine Pancreatic Insufficiency (local P.I.)	Solvay Pharmaceuticals	\$65,799
1994-1996	A Phase IV, Multicenter Study to Monitor the Long-Term Safety and Efficacy of Pulmozyme (dornase alpha) In Cystic Fibrosis Patients Who Participate in Phase III Study (local P.I.)	Genentech, Inc.	\$27,080
1994-	FK506 Pharmacokinetics in the Pre Thoracic Transplant Recipient: Emphasis on the Patient with Cystic Fibrosis (P.I.)	Children's Hosp. GCRC	

1995-1996	Safety and Efficacy of Tobramycin for Inhalation in Patients with Cystic Fibrosis (local Co-I)	Pathogenesis, Inc	\$47,588
1996-1997	An Open-label Follow-on Trial of Tobramycin Solution for Inhalation in Patients with Cystic Fibrosis (local Co-I)	Pathogenesis, Inc	\$20,000
1995-	Epidemiologic Study of Cystic Fibrosis (local Co-I)	Genentech, Inc	\$52,500
1997-	Evaluation of the Efficacy, Safety, Tolerance and Pharmacokinetics of Meropenem for the Treatment of Acute Pulmonary Exacerbations in Patients with Cystic Fibrosis (local PI)	Zeneca Pharmaceutical Group	
1998-	Determination of Genotype in Patients with Cystic Fibrosis (local Co-I)	McNeil Pharmaceuticals, Children's Hospital of Pittsburgh GCRC	\$10,000
2000-	An Open-Label Randomized Trial with Tobramycin Solution for Inhalation (TOBI) in Cystic Fibrosis Patients with Mild Lung Disease (local Co-I)	Chiron, Inc	\$18,888
2000-	A Multicenter, Randomized, Placebo-Controlled Trial of Azithromycin in Patients with CF, Chronically Infected with <i>Pseudomonas aeruginosa</i> (local Co-I)	Cystic Fibrosis Foundation	\$45,323
2001-	Diabetes Therapy to Improve Muscle Mass and Glucose Status in CF Subjects with Abnormal Glucose Tolerance (local PI)	NIH, Cystic Fibrosis Foundation, Children's Hospital of Pittsburgh	\$216,207
2000-2001	Neuropsychological Correlates of Cystic Fibrosis in Adolescents (Co-I)	Center for Research in Chronic Disease	\$3,026
1999-2000	A Quality of Life Assessment in CF (Co-I)	Children's Hospital of Pittsburgh	\$8,800
1999-2004	A Quality of Life Assessment in CF (mentor)	NIH 1-K01-HL04044	\$529,959
2002 -	Therapeutics Development Center (PI, pediatrics) of national Therapeutics Development Network	Cystic Fibrosis Foundation	\$150,000 per year
2007-2010	Self-Regulated Exercise in CF: A Randomized Trial (P.I.)	NIH, 1 R01 NR009285-01A2	\$1,513,479

SEMINARS AND INVITED LECTURESHIPS

Case Western Reserve University Pediatric Alumni Weekend,
(Invited Lecturer: "Exercise and Lung Disease"), Cleveland, September 1985.

Blank Memorial Lecturer, Blank Children's Hospital, February 1986, Des Moines, IA.

Cystic Fibrosis Foundation Annual Meeting
(Roundtable Leader: "Exercise Programs for Patients with Cystic Fibrosis"), May 3, 1986; Bethesda, MD.

First Pediatric Pulmonary Review Course, Harvard University
(Invited Lecturer for Exercise Physiology; also for Cystic Fibrosis) June 1986; Boston.

SEMINARS AND INVITED LECTURESHIPS (continued)

American Thoracic Society
(Chair Symposium: "Cystic Fibrosis"), May 1987; New Orleans.

North American Society of Pediatric Exercise Medicine
(Invited Lecturer: "Pulmonary Aspects of Exercise"), July 31-August 2, 1987; Aspen, CO.

Case Western Reserve University Department of Pediatrics
(Alumni Day Speaker: "Exercise and Lung Disease"), September 17, 1987; Cleveland, OH.

North American Cystic Fibrosis Conference
(Invited Workshop Director: "Exercise and Cystic Fibrosis");
(Invited Roundtable Leader: "Exercise"), October 17, 1987; Toronto.

American Thoracic Society Annual Meeting
(Sunrise Seminar Leader: "Exercise Physiology in Children: the Basics"), May 9, 1988; Las Vegas, NE.

Maine Medical Center
(Visiting Professor: "Cystic Fibrosis, 1988"; "Fitness, the Physician, and the Physician's Family"), June 1-2, 1988; Portland, ME.

Quaker Conference on Youth, Exercise, and Sport
(Invited Responder: "Exercise and Asthma") June 23- 26, 1988; Bermuda.

St. Petersburg Beach National Conference on Pediatric Lung Diseases
(Faculty: "Response to Exercise and the Role of Exercise Therapy in Children with Chronic Lung Disease," and "Gastroesophageal Reflux and Respiratory Disease.") April 14-17, 1989.

Pediatric Exercise Medicine Conference, sponsored by The North American Society of Pediatric Exercise Medicine
(Faculty: "Controversial Issues in Exercise Prescription for Children with Chronic Disease; The Child with Chronic Respiratory Problems") August 4-6, 1989; Aspen, CO.

Ear, Nose, and Throat Diseases in Children. Update 1989 (The 16th Annual Symposium), sponsored by the Departments of Otolaryngology and Pediatrics, Children's Hospital of Pittsburgh
(Faculty: "Gastroesophageal Reflux and Respiratory Disease"). August 31, 1989; Pittsburgh, PA.

Twenty-first Ross Roundtable of Critical Approaches to Common Pediatric Problems: Pediatric Asthma
(Faculty: "Exercise Conditioning for Children with Asthma"). September 10-11, 1989; Washington, DC.

Isaak Walton Killam Hospital for Children
(Visiting Professor), September 26-29, 1989; Halifax, Nova Scotia.

Third Annual North American Cystic Fibrosis Conference
(Convener, Rise 'n Shine Roundtable, "Liver Transplantation in Cystic Fibrosis");
(Symposium Moderator: "Pulmonary Function Tests in the Management of Patients with Cystic Fibrosis.")
October 11-14, 1989; Tarpon Springs, Florida.

American Academy of Pediatrics Annual Meeting, Section on Diseases of the Chest
(Faculty: "Reflux and Respiratory Disease," and "The Benefit of Exercise in Lung Disease). October 23, 1989; Chicago.

Minneapolis Children's Medical Center, Grand Rounds,
"Gastroesophageal Reflux and Respiratory Disease." December 12, 1989.

Northern Virginia Pediatric Society,
Visiting Lecturer, "Exercise for Children with Chronic Lung Disease." December 14, 1989.

Georgetown University School of Medicine, Department of Pediatrics,
Visiting Professor, "Acute and long- term responses to exercise in the child with chronic lung disease."
December 15, 1989.

SEMINARS AND INVITED LECTURESHIPS (continued)

World Conference on Lung Health,
 Invited Symposium Lecturer: "Muscles of Respiration and Training Techniques in Children." Boston, May 22, 1990.

North American Society of Pediatric Exercise Medicine,
 Invited Workshop Leader: "Exercise Testing in Children with Lung Disease." Cincinnati, September 21, 1990.

Children's Hospital Medical Center, Cincinnati, Visiting Professor, September 24-25, 1990. Grand Rounds: "Exercise Rehabilitation in Cystic Fibrosis."

Fourth Annual North American & 1990 International Cystic Fibrosis Conference,
 Invited Workshop Leader: "Exercise," and
 Invited Workshop Speaker: "Exercise as a Substitute for Physiotherapy for CF patients," in workshop on Airway Clearance. Arlington, VA, October 3-6, 1990.

American Association of Cardiovascular and Pulmonary Rehabilitation Fifth Annual Meeting,
 Invited lecturer: "Rehabilitation of the Pediatric Pulmonary Patient." Dallas, TX, November 9, 1990.

Pennsylvania Society for Respiratory Care, Eighteenth Annual Seminar in Pulmonary Physiology and Medicine,
 Invited lecturer: "Cystic fibrosis and mucus clearance: an update." Pittsburgh, PA, September 12, 1991.

Fifth Annual North American Cystic Fibrosis Conference
 Invited Workshop Moderator: "Exercise," and invited Roundtable Moderator: "Bronchodilators." Dallas, TX, October 2-5, 1991.

All Children's Hospital, St. Petersburg, FL,
 Visiting Professor, November 1, 1991. Grand Rounds: "Gastroesophageal Reflux and Respiratory Disease."

First Annual Cystic Fibrosis Family Day, All Children's Hospital, St. Petersburg, FL, November 2, 1991.
 Lecture: "Introduction to Cystic Fibrosis."

The Douglas Jones Lecturer, Dartmouth Medical School, Hanover, NH, March 2-4, 1992

Sixth Annual North American Cystic Fibrosis Conference
 Invited Workshop lecturer: "Regular exercise/Environmental response." Washington, D.C., October 15, 1992.

7th Annual Scientific Meeting of North American Society for Pediatric Exercise Medicine,
 Invited Symposium leader and lecturer: "EIB and the Asthmatic Athlete Update: State of the Art Symposium." Miami Beach, FL., October 31, 1992.

Cystic Fibrosis Foundation (with Food and Drug Administration) Consensus Conference
 "Clinical Outcomes for Evaluation of New CF Therapies."
 Invited speaker: "Quality of Life (Well-being) Assessment." Rockville, MD, December 10-11, 1992.

Pennsylvania Allergy Association 45th Annual Meeting,
 Invited lecturer: "Cystic Fibrosis: Diagnosis and Management in the 1990's." Hershey, PA, June 25, 1993.

Seventh Annual North American Cystic Fibrosis Conference
 Invited Workshop leader: "Exercise" Dallas, October 15, 1993.

Twentieth Postgraduate Course on Practical Approach to the Diagnosis and Treatment of Lung and Gut Problems in Pediatric Patients. Duke University, invited faculty: "Prognostic Factors in Cystic Fibrosis Especially Response to Exercise." Durham, NC, November 19-20, 1993.

SEMINARS AND INVITED LECTURESHIPS (continued)

Children's Memorial Hospital, Grand Rounds,
 "Cystic Fibrosis: What's New for the 90's?" Chicago, January 26, 1994.

James Whitcomb Riley Hospital for Children, Cystic Fibrosis Family Day,
 "Insights into the Future" and "Lung Transplantation." Indianapolis, IN, April 30, 1994.

St. Louis University Pulmonology Seminar,
 Invited lecturer: "Exercise in Patients with Cystic Fibrosis." St. Louis, MO, May 6, 1994.

Cardinal Glennon Children's Hospital, Cystic Fibrosis Education Seminar,
 "Past, Present, and Future." St. Louis, MO, May 7, 1994.

1994 American Thoracic Society International Conference,
 Meet-the-Professor Seminar presenter, "Exercise and Pediatric Lung Disease." Boston, MA, May 23,
 1994.

Duke University Medical Center, Cystic Fibrosis Education Day,
 "Exercise, Nutrition, and Outcome in CF." Durham, NC, June 18, 1994.

9th Annual North American Society for Pediatric Exercise Medicine Conference,
 "Commonly Prescribed Medications for Pediatric Patients: Beneficial and Detrimental Effects on Exercise
 Tolerance," Colloquium Leader and Lecturer, Pittsburgh, PA, August 13, 1994.

Pennsylvania Society for Respiratory Care, 21st Annual Seminar in Pulmonary Physiology and Medicine,
 Invited lecturer: "Cystic Fibrosis." Pittsburgh, PA, September 2, 1994.

Eighth Annual North American Cystic Fibrosis Conference,
 Invited Short Course Co-organizer: ("Applied Exercise Physiology")
 and lecturer ("Pulmonary Responses" and "Exercise Programs"), Orlando, FL, October 19, 1994.

American Academy of Pediatrics, Annual Meeting 1994. Section Program for the Practitioner Child Athlete:
 Medical Issues, invited faculty: "Exercise and Asthma," Dallas, TX, October 25, 1994.

XXXVII National Pediatric Congress (50th Anniversary Celebration), II Central American Congress of Pediatric
 Pulmonology, I National Congress of Exercise Medicine for Children and Adolescents:
 Invited Professor: "Benefits of Conditioning for the Respiratory System,"
 "Broncho-constriction and Exercise,"
 "Asthma and the Selection of Physical Activities," Guatemala City, Guatemala, February 27- March
 3, 1995.

Three Rivers Clinical Pediatric Update, Faculty:
 Workshop, "What's New in CF?" Sheraton Hotel Station Square, Pittsburgh, PA, June 9, 1995.

Ninth Annual North American Cystic Fibrosis Conference,
 Invited Short Course Co-organizer ("Applied Exercise Physiology")
 and lecturer ("Pulmonary Responses" and "Exercise Programs"), Dallas, October 12, 1995.

Twenty-first Annual Western Cystic Fibrosis Consortium Meeting,
 Plenary Session Lecturer: "Exercise in cystic fibrosis: new vistas."
 Faculty Leader: "Pulmonary Case Presentations," Long Beach, CA, March 22, 1996.

Shands Children's Hospital, University of Florida.
 Visiting Professor. Grand Rounds: "Exercise Physiology," Gainesville, FL, April 19, 1996.

Children's Hospital Conference on Managing Allergies and Asthma in School Children.
 Lead speaker and Grand Rounds Presenter: "Asthma and the School Athlete - Competitive and
 Non-competitive," Pittsburgh, PA, May 2, 1996.

SEMINARS AND INVITED LECTURESHIPS (continued)

American Pseudoobstruction and Hirschsprung's Society Pediatric Community Outreach Program
Speakers Training Meeting Faculty: "Pulmonary Manifestations of Gastroesophageal Reflux," St.
Petersburg, FL, May 4, 1996.

Mater Misericordiae Children's Hospital and Royal Children's Hospital, Brisbane, Queensland, Australia,
Visiting Professor, 12 June 1996.

Sydney, New South Wales, Australia.

Visiting Professor.

Lead Roundtable on Research in Sports Medicine and Exercise Physiology;

Lecture: "Exercise and the Adolescent Athlete with Asthma," 13 June 1996

Australasian Paediatric Respiratory Group. 9th Annual Meeting.

Overseas Lecturer. Opening oration: "Exercise conditioning & sport in children with lung disease,"

Symposium speaker: "Aspiration Lung Disease: the Pulmonologist's Perspective,"

"Reflux & Laryngeal Disease: a Relationship?"

Symposium speaker: "Exercise in CF: Prescription, Measurement." Acheron, Victoria, Australia, 14-16
June 1996.

Royal Children's Hospital, Melbourne, Victoria Australia,

Visiting Professor 17 June 1996.

Victoria University, Center for Rehabilitation, Exercise & Sport Science.

Invited Lecturer: "Exercise and the Asthmatic Athlete," Melbourne, Australia, 17 June 1996.

Tenth Annual North American Cystic Fibrosis Conference,

Invited Short Course Co-organizer ("Applied Exercise Physiology")

and lecturer ("Pulmonary Responses" and "Exercise Programs"), Orlando, FL, October, 1996.

Case Western Reserve University and Rainbow Babies and Children's Hospital, Cleveland Ohio. Doershuk Day
Symposium. Invited speaker: "Determinants of Survival in Cystic Fibrosis." April 25, 1997.

Twenty-third Annual Day of Pediatrics Conference, sponsored by MultiCare Health System and Mary Bridges
Children's Hospital and Health Center, Keynote Speaker: "Persistent Cough in Kids -- When to Treat?"
and "Exercise and Children -- When to Worry," Tacoma, WA, September 6, 1997.

24th Annual Western Pennsylvania Regional Pulmonary Physiology and Medicine Seminar,

Faculty: "Asthma Through the Ages." Pittsburgh, PA September 11, 1997.

The Squires Club Visiting Professorship, The Wellesley Hospital, Toronto, Ontario, Canada, October 6-8, 1997:

Teaching Rounds with Medical Residents (lecture): "GE Reflux and Respiratory Disease;"

Teaching Rounds with CF Team and Residents: "Prognosis in Cystic Fibrosis;"

The Squires Club Dinner Address; Teaching Rounds with Hospital for Sick Children Respiratory Residents

(lecture): "Role of Pediatric Exercise Testing in Health and Disease;"

CF Research Rounds (lecture): "Exercise and Cystic Fibrosis;"

Medical Grand Rounds: "Exercise and Asthma;"

Teaching Session with Department of Medicine Respiratory Staff: "Role of Exercise Testing."

Asociacion Puertorriquena Del Pulmon ,

"Advancing Pulmonary Rehabilitation,"

2nd Pulmonary Rehabilitation Congress. Faculty: "Pediatric Pulmonary Rehabilitation,"

"Cystic Fibrosis." San Juan, Puerto Rico, October 17-19, 1997.

Eleventh Annual North American Cystic Fibrosis Conference ,

Invited Short Course(half-day) Co-organizer ("Applied Exercise Physiology")

and lecturer ("Pulmonary Responses;" "Exercise in the Heat," and "Exercise Programs");

Rise 'n Shine Roundtable Moderator, "Strength Testing in Cystic Fibrosis";

Symposium Co-chair "Nutrition, Lung Disease, Exercise, and Skeletal Health,"

and lecturer: "Exercise and Lung Disease in CF"; Nashville, TN, October 23-26, 1997.

Recent Advances in Pediatric Pulmonology, sponsored by Division of Pulmonology/Cystic Fibrosis, Department

of Pediatrics, University of Medicine & Dentistry of New Jersey.
Faculty, Guest Speaker: "GER - Related Pulmonary Disease," "What is a CF Diagnosis?" Newark, NJ,
November 20, 1997.

Cystic Fibrosis Family Education Day,
Keynote Speaker, "Update and Overview of Cystic Fibrosis," Rochester, NY, March 21, 1998.

Grand Rounds, Department of Pediatrics, University of Minnesota: "Basics of Pediatric Exercise Physiology,"

Research in Progress Conference,
Invited Speaker, Combined Pediatric and Medicine Departments, Pulmonary Divisions University of
Minnesota: "Research in Exercise and Cystic Fibrosis," Minneapolis, MN, April 8, 1998.

American Thoracic Society 1998 International Conference,
Symposium Co-chair, "From Gels to Gymnastics: the Biological Basis of Cardiopulmonary Exercise
Rehabilitation in Children," and Lecturer: "Exercise Training Programs in Children with Lung Disease: Who,
What, Where, When, How, and Why?" Chicago, April 26, 1998.

Twelfth Annual North American Cystic Fibrosis Conference,
Invited Short Course(half-day) Co-organizer ("Applied Exercise Physiology")
and lecturer ("Pulmonary Responses;" "Exercise in the Heat," and "Exercise Programs"); Montreal,
October 15, 1998.

Fourth Congress of the Latin American Society for Pediatric Pulmonology (IV Congreso de la Sociedad
Latinoamericana de Neumonología Pediátrica.
Invited lecturer: "Asthma and Exercise," Gastroesophageal Reflux and Respiratory Disease,"
"Exercise and Cystic Fibrosis." Mar del Plata, Argentina, October 22-25, 1998.

Michigan Cystic Fibrosis Caregivers' Network,
Invited lecturer: "End of Life Care in Cystic Fibrosis. Detroit, MI, March 25, 1999.

Grand Rounds, Children's Hospital of Michigan:
"Exercise and Asthma," Detroit, MI, March 26, 1999.

Pediatric Pulmonology Conference, Riley Hospital for Children:
"Exercise and Cystic Fibrosis," Indianapolis, IN, May 21, 1999.

American College of Sports Medicine Annual Meeting,
Invited faculty: Minisymposium: "Exercise-induced Bronchoconstriction and Physical Activity in
Children and Youth," lecture: "Effects of Training and/or Frequent Vigorous Physical Activity on the
Incidence of EIB," Seattle, WA, June 4, 1999.

University of Michigan Post Graduate Education Conference, "Asthma and the Athlete,"
Invited faculty: "Respiratory Physiology of the Athlete,"
"Pathophysiology of Exercise-induced Asthma." Ann Arbor, MI, October 1-2, 1999.

Thirteenth Annual North American Cystic Fibrosis Conference,
Invited Short Course Co-organizer ("Applied Exercise Physiology")
and lecturer ("Pulmonary Responses" and "Exercise in the Heat"), Seattle, October 7, 1999

Schneider Children's Hospital Cystic Fibrosis Family Education Night,
Invited keynote lecturer: "Where We've Been; Where We're Going;"
Pediatric Grand Rounds, "Asthma and Exercise," New Hyde Park, NY, October 21-22, 1999.

Third Annual Amrum Workshop on Exercise in Cystic Fibrosis and Asthma,
Invited faculty: "Exercise in Asthma and Cystic Fibrosis: Similarities and Differences," Amrum, Schleswig-
Holstein, Germany, November 13-14, 1999.

University of Kiel, Sports Science Graduate Student Seminar,
Invited lecturer: "Exercise and Asthma," Kiel, Germany, November 15, 1999.

SEMINARS AND INVITED LECTURESHIPS (continued)

University of Hamburg University Hospital,
 Invited lecturer: "Exercise in Asthma and Cystic Fibrosis, Background, Physiology, and Clinical Implications," Hamburg, Germany, November 17, 1999.

University of Virginia, Department of Pediatrics Grand Rounds,
 "Exercise in Children," Charlottesville, VA, April 13, 2000.

Thirty-ninth Annual Swineford Allergy Conference,
 Guest Faculty, "Exercise and Asthma," Charlottesville, VA, April 14, 2000.

The New Sydney Children's Hospital,
 Guest Lecturer, "Exercise in Cystic Fibrosis," Sydney, New South Wales, Australia, September 15, 2000.

The New Sydney Children's Hospital,
 Guest Seminar Leader, "Update on Cystic Fibrosis," Sydney, New South Wales, Australia, September 29, 2000.

The Drew Wiltsie Lectureship, Children's Hospital of Pittsburgh,
 "Pediatric Pulmonary Rehabilitation," Pittsburgh, PA, October 12, 2000.

St. Christopher's Hospital for Children, Philadelphia, PA. The Nancy N. Huang, M.D.,
 Guest Professorship in Cystic Fibrosis and Pediatric Pulmonology: "Update on Cystic Fibrosis," address to annual Family Education Day, October 19, 2000;
 "Exercise Physiology in Children," Pediatric Grand Rounds, October 20, 2000.

Twenty-First Annual McLemore Birdsong Pediatric Conference, Sponsored by the Department of Pediatrics,
 Children's Medical Center, University of Virginia.
 Invited Faculty. Plenary lecture: "Exercise and Asthma,"
 Workshop leader: "Care of CF." Homestead Resort, Hot Springs, VA, May 4-6, 2001.

Fifteenth Annual North American Cystic Fibrosis Conference,
 Invited Short Course Co-organizer ("Applied Exercise Physiology")
 and lecturer ("Pulmonary Responses" and "Exercise in the Heat"), Orlando, October 25, 2001

Shaping the Future of Pediatric Pulmonology, American College of Chest Physicians and American Academy of Pediatrics. Course Faculty: "How Much is too Much? Exercise Asthma and Chronic Lung Disease" and "Pulmonary Rehabilitation in Pediatrics: Who? When? Where? Why?" Orlando, FL, March 22-24, 2002.

Child Health Update 2002, Loyola University Chicago Stritch School of Medicine.
 Guest Faculty: "Cystic Fibrosis Update" and "Exercise and Asthma." Maywood, IL, April 13, 2002.

The Eliza Klein Lectureship, University of Massachusetts School of Medicine, Worcester, MA, November 8, 2002, "Exercise in Cystic Fibrosis."

Seventeenth Annual North American Cystic Fibrosis Conference,
 Invited Co-chair and organizer of symposium, "Are all Kinds of Exercise Good for all Patients?" and lecturer, "Selecting Activity and Exercise Conditioning Exercises that are Appropriate for Cystic Fibrosis;"
 co-moderator Fireside Chat, "Answering Difficult Questions: Giving Information Without Taking Away Hope," Anaheim, CA, October 16, 18, 2003

Johns Hopkins Cystic Fibrosis Center Family Education Day,
 Invited speaker, "Cystic Fibrosis: 2003 Update." Baltimore, MD, November 8, 2003.

Children's Hospital of Boston, The Massachusetts General Hospital, and Harvard University Medical School,
 Visiting Lecturer: "Exercise and Cystic Fibrosis," "Exercise in Children," "Exercise and Asthma." Boston, MA, November 17 – 18, 2003.

SEMINARS AND INVITED LECTURESHIPS (continued)

University of Washington Quarterly Regional CF Clinical Conference,
Invited keynote speaker: "Exercise and CF,"
and "CF: End of Life Concerns," Seattle, WA, March 19, 2004.

Asthma, Mukoviszidose und Sport,
Invited faculty: "Physical activity, Exercise and CF," Amrum, Schleswig-Holstein, Germany, October
28 -29, 2004.

Emory University Cystic Fibrosis Center 2004 Family Education Program,
Invited speaker: "Exercise and Cystic Fibrosis," Atlanta, GA, November 20, 2004.

Children's Hospital of Pittsburgh and University of Pittsburgh, Pediatric Grand Rounds:
"Cystic Fibrosis: Science and Practice, 2005," Pittsburgh, PA, March 31, 2005

University of New Mexico, Pediatric Grand Rounds:
"Exercise and Asthma," Albuquerque, NM, June 23, 2005

Mountain West Cystic Fibrosis Consortium, Annual Meeting,
Invited lecturer: "Exercise and CF: Basics," and "Exercise Testing and Prescription." Bernalillo, NM,
June 24, 2005

Children's Hospital of Pittsburgh and University of Pittsburgh, Pediatric Grand Rounds:
"How Basic and Clinical Research Have Shaped Practice and Outcomes," Pittsburgh, PA, October
27, 2005

Cystic Fibrosis Institute Winter Education Retreat, invited lecturer: "The Science of CF: The Tip of
the Iceberg?" Chicago, Feb 18, 2006.

Cystic Fibrosis Research, Inc. 19th Annual Educational Conference, invited faculty. "Cystic Fibrosis Clinical Care:
What's New? What's Next?" Panel member: "Ask the Experts." Redwood City, CA, August 5-6, 2006.

American Academy of Pediatrics National Conference & Exhibition, invited faculty. Meet the Expert Discussion:
"Breathing Disorders During Exercise." Atlanta, GA. October 10, 2006.

Palliative Care Institute, weekly conference, invited speaker: "Palliative care in cystic fibrosis," Montefiore
University Hospital (UPMC), Pittsburgh, PA February 28, 2007.

Children's Hospital of Pittsburgh Nursing Grand Rounds, "Ethics," Pittsburgh, PA, February 20, 2007.

University of Virginia Cystic Fibrosis Center Family Education Day, invited keynote speaker. "Cystic Fibrosis Care
and Research: What's New? What's Next?" Workshop leader: "Exercise and CF." Charlottesville, VA,
March 17, 2007.

Cystic Fibrosis Parent and Caregiver Support Program, invited speaker. "CF Treatment: What's New? What's
Next." St. Louis, MO. September 25, 2007.

St. Louis University Department of Pediatrics Grand Rounds. "Exercise and Asthma," Cardinal Glennon
Children's Hospital, St. Louis, MO. September 26, 2007.

Children's Hospital of Pittsburgh and University of Pittsburgh, Pediatric Grand Rounds, and national Webcast:
"Cystic Fibrosis: Breathing New Life Into Age-Old Treatments," Pittsburgh, PA, September 27, 2007.

Twenty-first Annual North American Cystic Fibrosis Conference,
Invited Co-chair and organizer of Workshop, "Exercise: What are the Outcomes?"
Anaheim, CA, October 6, 2007

Phillip George Lectureship in Pediatric Pulmonology (First Annual), and Grand Rounds, Department of
Pediatrics, LeBonheur Children's Medical Center and University of Tennessee Medical Center: "What Do
Sled Dogs Have To Do With Swimmers Who Cough?" Memphis, TN, February 20, 2008.

SEMINARS AND INVITED LECTURESHIPS (continued)

17th Annual LHAS Medical Ethics Update 2008: Invited Panel organizer: Conflicts of Interest in Pediatrics – View from the Front Lines. Pittsburgh, PA, March 31, 2008.

Sixth Annual Meeting, Pennsylvania Medical Humanities Consortium. Invited Panel member: "Physicians' Responses to 'W;t'" Pittsburgh, PA, May 14, 2008.

Stephanie Lynn Kossoff Memorial Lecture (Thirtieth Annual), Morgan Stanley Children's Hospital of New York-Presbyterian and Department of Pediatrics, College of Physicians & Surgeons, Columbia University. "Cystic Fibrosis: How Basic Science has Transformed Clinical Care (and Vice Versa): An Historical Perspective" New York, NY, September 19, 2008.

St. Joseph Children's Hospital, Department of Pediatrics Grand Rounds: "Managing Chronic Pseudomonas Infection," Newark, NJ. September 30, 2008.

Twenty-third Annual North American Cystic Fibrosis Conference, Invited Symposium co-chair (with Frank Cerny, PhD): "S13 Exercise Testing in the Treatment & Assessment of the CF Patient," and lecturer: "The Value of Exercise Tests in Reflecting Overall Health and Prognosis," Minneapolis, MN Oct 16, 2009.

Grand Rounds, Children's Hospital of Michigan: "Exercise and asthma: what do sled dogs have to do with swimmers who cough?" Detroit, MI, December 4, 2009.

Stanford University/Lucille Packard Children's Hospital 10th Annual Cystic Fibrosis Education Day, invited speaker: "Ziggy and the Meaning of Life: Exercise and CF." Palo Alto, CA, March 13, 2010.

Northern New England Cystic Fibrosis Consortium Spring Meeting. Plenary Lecture: "Exercise and CF," Manchester, NH, March 26-27, 2010.

CFLC Continuum of Care Conference. Invited lecturer: "Airway clearance and exercise," Jersey City, NJ, April 16, 2010.

Children's Hospital of Boston. Visiting Professor: "Exercise and Cystic Fibrosis" (Pulmonology Department); "CF and Exercise: Life is Doin' Stuff; Exercise is Medicine" (CF Family Group and Physical Therapy Department), Boston, MA, March 21-22, 2011.

Twenty-fifth Annual North American Cystic Fibrosis Conference, Invited Workshop co-chair (with Matt Nippins, PT, DPT, CCS): Workshop #20: What's Up with Exercise? Anaheim, CA, November 4, 2011.

The Alfred Hospital, Visiting Professor: "History of Cystic Fibrosis." Melbourne, Australia, Feb 2012.

The New Sydney Children's Hospital, Visiting Professor: "History of Cystic Fibrosis." Sydney, Australia, March 2012.

Twenty-sixth Annual North American Cystic Fibrosis Conference, Invited Lecturer: "Exercise in Daily Life" for RT/PT Caregivers' Session, Orlando, FL, Oct 13, 2012.

NIH Activities

Invited speaker NIADDK/CFF Conference on Nutrition in Cystic Fibrosis, April 1-4, 1986.

Organizing Committee and invited speaker NHLBI/NIDDK/CFF Conference, "Clinical-Behavioral Aspects of Cystic Fibrosis: Directions for Future Research," September 7-9, 1986.

Grants Reviewer, NHLBI, July 1987; November 1990.

Research Committee, Prevention, Education, and Research Training Branch, Division of Lung Diseases, NHLBI, 1989-

Invited participant, NIH Conference on Cystic Fibrosis Screening, March 5-6, 1990.

Chair, Special Review Committee, NHLBI, October 1991.

Invited speaker, NIH Workshop on Nutrition in Cystic Fibrosis, "Exercise and Nutrition." Bethesda, MD, Jan 11-13, 1993.

Patient Safety Data Monitoring Committee, "Ursodeoxycholic Acid Therapy in Patients with Cystic Fibrosis," P.I. Richard Grand, M.D., jointly sponsored by NIH, Cystic Fibrosis Foundation, Ciba-Geigy, 1994-1996.

National Institute of Nursing Research Spring Science Workgroup "Increasing Nursing Research Opportunities in Cystic Fibrosis." Invited Participant, Facilitator, and Discussion Leader. Bethesda, May 1-2, 2001.

Special Emphasis Panel, National Institute of Child Health and Human Development, July 17, 2007.

Accreditation Council for Graduate Medical Education:

Residency Review Committee for Pediatrics

(Pre-reviewer of applications for programs in pediatric pulmonology 1989-)
Appeals Panel (1993-).

Graduate Student Committees and Thesis Reviewer

Mary Jane Slesinski	PhD, Epidemiology, University of Pittsburgh, 1990
Timothy Michael	PhD, Exercise Physiology, U. Pittsburgh 1992
Jeffrey Regnis	PhD, Physiology, University of Sydney, 1994
Brenda Button	PhD, Physiotherapy, University of Melbourne, 1999
Jennifer Alison	PhD, Medicine, University of Sydney, 2000
Hiran Selvadurai	PhD, Medicine, University of Sydney, 2000
Jane Wetzel	PhD, Exercise Physiology, University of Pittsburgh, 2001
Mark Elkins	PhD, Medicine, University of Sydney, 2006
Liam Welsh	PhD, Exercise Science, Australian Catholic University

Editorial Board, Pediatric Pulmonology 1990-2000 (Assistant Editor for Cystic Fibrosis, 1991- 1994)

Journal Reviewer for:

American Journal of Diseases of Children
American Review of Respiratory Disease
Annals of Otolaryngology, Rhinology, & Laryngology
British Medical Journal
Chest
Digestive Diseases and Sciences
European Respiratory Journal
Journal of Applied Physiology
Journal of Cystic Fibrosis
Journal of Pediatrics
Medicine and Science in Sports and Exercise
New England Journal of Medicine
Pediatric Exercise Science
Pediatric Pulmonology
Pediatrics
Pharmacoeconomics
Thorax

Reviewer. CF Currents, (newsletter directed to cystic fibrosis patients and caregivers) American Academy of Pediatrics 1995 - 1996 (Resigned 1996)

Question Writer. 1986 Certifying Examination in Pediatric Pulmonology. Subspecialty Committee on Pediatric Pulmonology. American Board of Pediatrics, Inc.

Consultant. Office of Technology Assessment, Congress of the United States. In preparation of OTA's report, Cystic Fibrosis: Implications of Population Carrier Screening. 1991

Data Monitoring Committee. Multicenter study on the effect of the Heimlich microtrach on morbidity and mortality in cystic fibrosis (member of 3-person national committee to monitor the course of this study; empowered to intervene to stop study if adverse effects emerge). Appointed 1990, resigned 1991.

Grant Reviewer. Manitoba Health Research Council. 1990.
Canadian Cystic Fibrosis Foundation. 1990, 1992.
Health Canada 1994
The New Children's Hospital, Sydney, Australia, 1997
National Health and Medical Research Council, Australia 2003

Cystic Fibrosis Foundation Therapeutics Development Network (TDN)

2000-	Data Safety Monitoring Committee
2000 - 2003	Chair subcommittee for Inspire Pharmaceuticals INS37217
2003- 2005	Protocol Development Committee
2003-	Publications & Presentations Committee
2011-2012	Vice chair
2013-	Chair

Service

Hospital Committees

1981-84	Library Committee (1982-83, Chairman)
1981-84	Critical Care Committee
1981-84	Child Life Committee
1984-	Pharmacy Committee
1989-90	General Clinical Research Center, Advisory Committee
1989-91	Hospital QA Committee
1992-94	Quality Action Team Co-chairman, Physician-Administration Conflicts
2004-	Ethics Committee, Chair

Department of Pediatrics Committees

1989 - 97	Executive Committee
1989 - 99	Promotions and Tenure Committee (Chair 1994-97)
1997	Chair, Hematology/Oncology Director Search Committee

Community Activities

1978-1981	Board of Trustees, Northern Ohio Lung Assoc.
1979-1981	Board of Trustees, Cleveland Chamber Music Society
1980-1981	Committee on Physical Activity and Health, American Heart Association of Northeast Ohio
1981-1984	Board of Trustees, Cystic Fibrosis Foundation, Memphis Branch
1982-1984	Tennessee State Board, Cystic Fibrosis Foundation
1984- 90, 1994-	Board of Trustees, Cystic Fibrosis Foundation, Western Pennsylvania Chapter
1985-	Medical Staff, Children's Home of Pittsburgh, Transitional Infant Care
1985-	Medical Staff, Rehabilitation Institute of Pittsburgh

PUBLICATIONS

REFEREED ARTICLES

1. **Orenstein DM**, Boat TF, Doershuk CF, Light MS: Progesterone treatment of the obesity hypoventilation syndrome in a child. *Journal of Pediatrics*, 1977; 90:477-479.
2. **Orenstein DM**, Yonas H, Bilenker R, Rekate HL, White RJ: Hemangioma thrombocytopenia syndrome: Report of a case masquerading as an encephalocele. *American Journal of Diseases of Children*, 1977; 131:680-681.
3. **Orenstein DM**, Boat TF, Stern RC, Tucker AS, Charnock EL, Matthews LW, Doershuk CF: The effect of early diagnosis and treatment in cystic fibrosis: a seven year study of 16 sibling pairs. *American Journal of Diseases in Children*, 1977, 131:973-975.
4. Congeni BL, **Orenstein DM**, Nankervis GA: Three infants with neonatal pertussis. *Clinical Pediatrics*, 1978; 17:113-118.
5. Stern RC, Boat TF, **Orenstein DM**, Wood RE, Matthews LW, Doershuk CF: Treatment and prognosis of lobar and segmental atelectasis in cystic fibrosis. *Am Rev of Respiratory Diseases*, 1978; 118:821-826.
6. **Orenstein DM**, Boat TF, Owens RP, Horowitz JG, Primiano FP Jr, Germann K, Doershuk CF: The obesity hypoventilation syndrome in children with the Prader-Willi Syndrome. *Journal of Pediatrics*, 1980; 97:765-768.
7. **Orenstein DM**, Franklin BA, Doershuk CF, Hellerstein HK, Germann KJ, Horowitz JG, Stern RC: Exercise conditioning and cardiopulmonary fitness in cystic fibrosis. The effects of a 3-month supervised running program. *Chest*, 1981;80:392-398.
8. **Orenstein DM**, Henke KG, Costill DL, Doershuk CF, Lemon PJ, Stern RC: Exercise and heat stress in cystic fibrosis patients. *Pediatric Research*, 1983; 17:267-270.
9. Orenstein SR, **Orenstein DM**, Whittington PF: Gastroesophageal reflux causing stridor. *Chest*, 1983; 84:301-302.
10. Orenstein SR, Whittington PF, **Orenstein DM**: The infant seat as treatment for gastroesophageal reflux. *New England Journal of Medicine*, 1983;309:760-763.
11. **Orenstein DM**, Henke KG, Cerny FJ. Exercise and cystic fibrosis. *Physician and Sports Medicine*, 1983;11:57-62.
12. Orenstein SR, **Orenstein DM**: Magnesium deficiency in cystic fibrosis. *Southern Medical Journal*, 1983; 76(12):1586.
13. Henke KG, **Orenstein DM**: Oxygen saturation during exercise in cystic fibrosis. *American Review of Respiratory Diseases*, 1984, 129:708-711.
14. **Orenstein DM**, Henke KG, Green CG: Heat acclimation in cystic fibrosis. *Journal of Applied Physiology*, 1984, 57(2):408-412.
15. Lemon PWR, **Orenstein DM**, Henke KG: Protein metabolism during moderate exercise in cystic fibrosis patients. *Journal of Sports Sciences*, 1984, 2:47-55.
16. Wilimas JA, Presbury G, Orenstein D, Dahl GV, Wang W, Dugdale M. Hemothorax and hemomediastinum in patients with hemophilia. *Acta Haematologica*, 1985, 73:176-178.
17. **Orenstein DM**, Reed ME, Grogan FT Jr., Crawford LV: Exercise conditioning in children with asthma.

Journal of Pediatrics, 1985, 106:556-560.

18. **Orenstein DM**, Wasserman AL: Munchausen syndrome by proxy simulating cystic fibrosis. *Pediatrics* 1986, 78(4):621-624.
19. Orenstein SR, Lofton SW, **Orenstein DM**. Bethanechol for pediatric gastroesophageal reflux: A prospective, blind, controlled study. *Journal of Pediatric Gastroenterology and Nutrition*. 1986;5:549-555.
20. Sheppard JD, **Orenstein D**, Chao C-C, Butala S, Zee B. Tear function in cystic fibrosis. *Trans Penna Acad Ophthalmol Otolaryngol* 1986;38(2):468-9
21. Sheppard JD, **Orenstein DM**, Chao C-C, Butala S, Zee B, Kowalski RP. The ocular surface in cystic fibrosis. *Trans Penna Acad Ophthalmol Otolaryngol* 1986
22. Orenstein SR, Kocoshis SA, **Orenstein DM**, Proujansky R. Intraluminal acid perfusion (Bernstein test) in the diagnosis of stridor. *Pediatric Pulmonology* 1987; 3(6):420-424
23. Orenstein SR, **Orenstein DM**. Gastroesophageal reflux and respiratory disease in children. *Journal of Pediatrics* 1988; 112:847-857.
24. Pattishall E, Noyes B, **Orenstein D**. Use of bronchoalveolar lavage in immunocompromised children with pneumonia. *Pediatr Pulmonol* 1988;5:1-5.
25. Kravitz RE, Kocoshis SA, Orenstein SR, Proujansky R, **Orenstein DM**. Gross hematuria following sclerotherapy of esophageal varices in patients with cystic fibrosis. *Am J Gastroenterol* 1989;84:75-78.
26. **Orenstein DM**, Nixon PA, Ross EA, Kaplan RM. The quality of well-being in cystic fibrosis. *Chest* 1989;95:344-347.
27. Kaplan RM, Anderson JP, Mathews WC, Kozin F, **Orenstein D**. The quality of well-being scale: applications in AIDS, cystic fibrosis, and arthritis. *Medical Care* 1989; 27 (3 Suppl):S27-43.
28. Burke P, Meyer V, Kocoshis S, **Orenstein D**, Chandra R, Sauer J. Obsessive-compulsive symptoms in childhood inflammatory bowel disease and cystic fibrosis. *Journal of the American Academy of Child and Adolescent Psychiatry* 1989; 28,4:525-527.
29. Burke P, Meyer V, Kocoshis S, **Orenstein DM**, Chandra R, Nord DJ, Sauer J, Cohen E. Depression and anxiety in pediatric inflammatory bowel disease and cystic fibrosis. *Journal of the American Academy of Child and Adolescent Psychiatry* 1989; 28,6:948-951.
30. Sheppard JD, **Orenstein DM**, Chao C-C, Butala S, Kowalski RP. The ocular surface in cystic fibrosis. *Ophthalmology* 1989; 96(11):1624-1630.
31. Nixon PA, **Orenstein DM**, Curtis SA, Ross EA. Oxygen supplementation during exercise in cystic fibrosis. *American Review of Respiratory Disease* 1990;142:807-811.
32. **Orenstein DM**, Pattishall EN, Nixon PA, Ross EA, Kaplan RM. Quality of well-being before and after antibiotic treatment of pulmonary exacerbation in patients with cystic fibrosis. *Chest*, 1990;98:1081-84.
33. **Orenstein DM**, Nixon PA. Exercise performance and breathing patterns in cystic fibrosis: male-female differences and influence of resting pulmonary function. *Pediatric Pulmonology*, 1991;10:101-105.
34. **Orenstein DM**. Long-term inhaled bronchodilator therapy in cystic fibrosis. (Editorial). *Chest* 1991;99:1061.
35. **Orenstein DM**, Kaplan RM. Measuring the quality of well-being in cystic fibrosis and lung transplantation. The importance of the area under the curve. *Chest* 1991;100:1016-1018.
36. Noyes BE, **Orenstein DM**. Treatment of pneumothorax in cystic fibrosis in the era of lung transplantation. (Editorial). *Chest* 1992;101:1187-1188.
37. Atlas AB, Orenstein SR, **Orenstein DM**. Pancreatitis in young children with cystic fibrosis. *Journal of Pediatrics*, 1992;120:756-759.

38. Nixon PA, **Orenstein DM**, Kelsey SF, Doershuk CF. The prognostic value of exercise testing in patients with cystic fibrosis. *New England Journal of Medicine*, 1992;327:1785-1788.
39. **Orenstein DM**, Nixon, PA, Washburn RA, Kelsey SF. Measuring physical activity in children with cystic fibrosis: Comparison of four different methods. *Ped Exercise Science*, 1993;5:125-133.
40. Spence WC, Paulus-Thomas J, **Orenstein DM**, Naylor EW. Neonatal screening for cystic fibrosis: addition of molecular diagnostics to increase specificity. *Biochemical Medicine and Metabolic Biology*, 1993;49:200-211.
41. **Orenstein DM**, Pattishall EN, Noyes BE, Kurland G, Hartigan ER, Yu VL. Safety of ciprofloxacin in children with cystic fibrosis. *Clin Pediatr* 1993;32(8):504-506.
42. **Orenstein DM**, Curtis SE, Nixon PA, Hartigan ER. Accuracy of three pulse oximeters during exercise and hypoxemia in patients with cystic fibrosis. *Chest* 1993;104:1187-1190.
43. Kurland G, Noyes B, Jaffe R, Atlas AB, **Orenstein DM**. Bronchoalveolar lavage and transbronchial biopsy in children following heart-lung and lung transplantation. *Chest* 1993;104:1043-1048.
44. Haddad JJr, Gonzalez C, Kurland G, **Orenstein DM**, Casselbrant MM. Ear disease in children with cystic fibrosis. *Archives of Otolaryngology Head Neck Surgery*, 1994;120:491-493.
45. Slesinski MJ, Gloninger MS, Costantino JP, **Orenstein DM**. Lipid levels in adults with cystic fibrosis. *J Am Dietetic Assn*, 1994, 94:402-408.
46. Noyes BE, Kurland G, **Orenstein DM**, Fricker FJ, Armitage JM. Experience with pediatric lung transplantation. *J Pediatrics*, 1994;124:261-268.
47. Boas SR, Noyes BE, Kurland G, Armitage J, **Orenstein D**. Pediatric lung transplantation for graft-versus-host disease following bone marrow transplantation. *Chest*, 1994; 105:1584-86.
48. Noyes BE, Michaels MG, Kurland G, Armitage JM, **Orenstein DM**. Pseudomonas cepacia empyema necessitatis after lung transplantation in two patients with cystic fibrosis. *Chest*, 1994;105:1888-91.
49. Newman B, Urbach AH, **Orenstein D**, Dickman PS. Proteus syndrome: emphasis on the pulmonary manifestations. *Pediatr Radiol*, 1994
50. Austin A, Kalhan SC, **Orenstein D**, Nixon P, Arslanian S. Roles of insulin resistance and β -cell dysfunction in the pathogenesis of glucose intolerance in cystic fibrosis. *J Clin Endocrinol Metabolism*, 1994;79(1):80-85.
51. Burke PM, Kocoshis S, Neigut D, Sauer J, Chandra R, **Orenstein D**. Maternal psychiatric disorders in the pediatric inflammatory bowel disease and cystic fibrosis. *Child Psychiatry and Human Development*, 1994; 25:45-52.
52. Fulton JA, **Orenstein DM**, Koehler AN, Kurland G. Nutrition in the pediatric double lung transplant patient with cystic fibrosis. *Nutrition in Clinical Practice*, 1995;10:67-72.
53. Nixon PA, Fricker FJ, Noyes BE, Webber SA, **Orenstein DM**, Armitage JM. Exercise testing in pediatric heart and/or lung transplant recipients. *Chest*, 1995;107:1328-35.
54. Boas SR, Falsetti D, Murphy TD, **Orenstein DM**. Validity of self-assessment of sexual maturation in adolescent male patients with cystic fibrosis. *Journal of Adolescent Health*, 1995, 17:42-45.
55. del Rosario JF, Putnam PE, **Orenstein DM**. Chronic pancreatitis in a patient with cystic fibrosis and clinical pancreatic insufficiency. *Journal of Pediatrics*, 1995;126(6):951-952.
56. Boas SR, Cleary DA, Lee PA, **Orenstein, DM**. Salivary testosterone levels in male adolescents with cystic fibrosis. *Pediatrics*, 1996;97:361-363.
57. Boas SR, Joswiak ML, Nixon PA, Fulton JA, **Orenstein DM**, Factors limiting anaerobic performance in

- adolescent males with cystic fibrosis. *Med Sci Sports Exer.* 1996;28:291-298.
58. Quittner AL, Tolbert VE, Regoli MJ, **Orenstein DM**, Hollingsworth JL, Eigen H. Development of the role-play inventory of situations and coping strategies (RISCS) for parents of children with cystic fibrosis. *J Pediatr Psychol*, 1996, 21:209-235.
 59. Faro A, Massella E, **Orenstein DM**. An unusual cause of tachypnea. *Ped Pulmonol* 1996;21:341-342.
 60. Boas SR, Joswiak ML, Nixon PA, Kurland G, O'Connor MJ, Bufalino K, **Orenstein DM**, Whiteside TL. Effects of anaerobic exercise on the immune system in eight- to seventeen-year-old trained and untrained boys. *J Pediatr* 1996;129:846-55.
 61. Noyes BE, Kurland G, **Orenstein DM**. Lung and heart-lung transplantation in children. *Ped Pulmonol* 1997;23:39-48.
 62. Orenstein SR, DiLorenzo C, **Orenstein DM**, Shalaby RN, Deneault, LG, Lutz JW. Isolated lower sphincter relaxation as "Wave Suppressed" peristalsis. *Dysphagia* 1997;12:207-211.
 63. Zapletal A, Kurland G, Boas SR, Noyes BE, Greally P, Faro A, Armitage JM, **Orenstein DM**. Airway function tests and vocal cord paralysis in lung recipients. *Pediatric Pulmonology* 1997; 23:87-94.
 64. Boas SR, Fulton JA, Koehler AN, Orenstein DM. Nutrition and pulmonary function predictors of delayed puberty in adolescent males with cystic fibrosis. *Clin Pediatr* 1998;37(9):573-6.
 65. Gondor M, Nixon P, **Orenstein DM**. Comparison of Flutter device and chest physical therapy in the treatment of cystic fibrosis pulmonary exacerbation *Pediatric Pulmonology* 1999;28:255-260.
 66. Pollack IF Hamilton RL. Fitz C. **Orenstein DM**. An intrasylvian "fibroma" in a child with cystic fibrosis: case report. *Neurosurgery.* 2000;46(3):744-7
 67. Stern RC, Eisenberg JD, Wagener JS, Ahrens R, Rock M, doPico G, **Orenstein DM**. A comparison of the efficacy and tolerance of pancrelipase and placebo in the treatment of steatorrhea in cystic fibrosis patients with clinical exocrine pancreatic insufficiency. *Am J Gastroenterology.* 2000;95(8):1932-8.
 68. Nixon PA, **Orenstein DM**, Kelsey S. Habitual physical activity in children and adolescents with cystic fibrosis. *Med Science Sports Exercise* 2001; 33:30-.
 69. Holmgren N, Faro A, Gondor MI, **Orenstein DM**. Cystic fibrosis in three children with bronchopulmonary dysplasia. *Pediatric Pulmonology* 2001;31:474-477.
 70. Kurland G, **Orenstein DM**. Lung transplantation and cystic fibrosis: the psychosocial toll. *Pediatrics.* 2001;107(6):1419-20.
 71. **Orenstein DM**, Winnie GB, Altman H. Cystic fibrosis: A 2002 update. *Journal of Pediatrics.* 2002;140:156-64.
 72. **Orenstein DM**, Holt LS, Rebovich P, Campbell T, Nixon P. Measuring ease of breathing in young patients with cystic fibrosis. *Pediatric Pulmonology.* 2002;34:473-477.
 73. Fridell JA, Mazariegos GV, **Orenstein D**, Sindhi R, Reyes, J. Liver and intestinal transplantation in a child with cystic fibrosis: A case report. *Pediatric Transplantation* 2003;7:240-242
 74. Fridell JA, Bond GJ, Mazariegos GV, **Orenstein DM**, Jain A, Sindhi,R, FINDER JD, Molmenti E, Reyes J. Liver transplantation in children with cystic fibrosis: a long-term longitudinal review of a single center's experience. *Journal of Pediatric Surgery* 2003, 38:1152-1156
 75. Hussain SZ, Chu C, Greenberg D, **Orenstein D**, Khan S. C. difficile colitis in children with cystic fibrosis. *Digestive Diseases and Sciences,* 2004,49:116-121.
 76. **Orenstein DM**, Hovell MF, Mulvihill M, Keating KK, Hofstetter CR, Kelsey S, Morris K, Nixon PS. Strength versus aerobic training in children with cystic fibrosis: a randomized, controlled trial. *Chest,* 2004;126(4):1204-1214.

77. Borowitz D, Goss CH, Christopher Stevens C, Hayes D, Newman L, O'Rourke A, Konstan MW, Wagener J, Moss R, Hendeles L, **Orenstein D**, Ahrens R, Oermann CMD, Aitken ML, Mahl TC, Young KR Jr, Dunitz J, Murray FT. Safety and preliminary clinical activity of a novel pancreatic enzyme preparation in pancreatic insufficient cystic fibrosis patients. *Pancreas* 2006;32:258-263.
78. Kreindler JL, **Orenstein DM**. Monitoring adolescents with cystic fibrosis. *Journal of Respiratory Diseases*. 2006; 27(7):298-305.
79. Gruber W, **Orenstein DM**, Braumann KM, Hüls G. Health related fitness and trainability in children with cystic fibrosis. *Pediatric Pulmonology* 2008; 43(10):953-64.
80. Gruber W, **Orenstein DM**, Paul K, Hüls G, Braumann KM,. Motor performance is better than normal in pre-school children with cystic fibrosis. *Pediatric Pulmonology*, 2010; 45:527-535.
81. Moskowitz SM, Emerson JC, MD, McNamara S, Shell RD, **Orenstein DM**; Rosenbluth D, Katz MF, Ahrens R, Hornick D, Joseph P, Gibson RL, Burns JL. Randomized trial of biofilm susceptibility testing to select antibiotic regimens for cystic fibrosis airway infection. *Pediatric Pulmonology* 2011;46(2):184-192.
82. Gruber W, **Orenstein DM**, Braumann KM, Paul K, Huls G. Effects of an Exercise Program in Cystic Fibrosis - Are there Differences between Females and Males? *Journal of Pediatrics*, 2011;158(1):71-6.
83. Gruber W, **Orenstein DM**, Braumann KM. Do Responses to Exercise Training in CF Depend on Initial Fitness Level? *European Respiratory Journal* 2011, 38(6):1336-42.
84. Treggiari MM, Retsch-Bogart G, Mayer-Hamblett N, Khan U, Kulich M, Kronmal R, Williams J, Hiatt P, Gibson RL, Spencer T, **Orenstein D**, Chatfield BA, Froh DK, Burns JL, Rosenfeld M, Ramsey BW **for the EPIC Investigators**. Comparative Efficacy and Safety of Four Randomized Regimens to Treat Early *Pseudomonas aeruginosa* Infection in Children with Cystic Fibrosis. *Archives of Pediatrics and Adolescent Medicine*. 2011;165(9):847-856.
85. Korytkowski MT, Orenstein D, Zimmer SM. Not Only an Introduction, But Also a Reminder. *Academic Medicine* 2012 in press
86. Kazmerski T, Orenstein DM. The ease of breathing test tracks clinical changes in cystic fibrosis, *J Cyst Fibros* (2012), doi:10.1016/j.jcf.2012.03.005
87. Higgins LW, Robertson RJ, Kelsey SF, Olson M, Hoffman LA, Rebovich P, Haile L, **Orenstein DM**. Exercise intensity self-regulation using the OMNI Scale in children with cystic fibrosis. *Pediatric Pulmonology*, 2012 in press

**REVIEWS, INVITED PAPERS, CONFERENCE AND SYMPOSIA PROCEEDINGS,
MONOGRAPHS, BOOKS, AND BOOK CHAPTERS**

1. Doershuk CF, **Orenstein DM**: Pulmonary function and exercise testing, in **Pediatric Respiratory Therapy, 2nd Edition**, MD Lough, CF Doershuk, RC Stern, editors. Year Book Medical Publishers, Inc. Chicago,

1979, pp.222-257.

2. Fink RJ, Doershuk CF, **Orenstein DM**: Significance of pulmonary function and exercise tests, in **Pediatric Respiratory Therapy 2nd Edition**. MD Lough, CF Doershuk, RC Stern, editors. Year Book Medical Publishers, Inc., Chicago, 1979, pp.258-285.
3. **Orenstein DM**: Competitive sports for children with chronic pulmonary disease. Sports Medicine Digest, 1984, 6:1-3.
4. **Orenstein DM**: Cystic fibrosis, in **Synopsis of Pediatrics**, JG Hughes, JF Griffith, ed., 1984, CV Mosby, St. Louis. pp. 670-674.
5. **Orenstein DM**, Doershuk CF: Pulmonary function and exercise testing, in **Pediatric Respiratory Therapy, 3rd Edition**. MD Lough, CF Doershuk, RC Stern, editors. Year Book Medical Publishers, Inc. Chicago, 1985, pp.226-260.
6. **Orenstein DM**, Fink RJ, Doershuk CF: Significance of pulmonary function and exercise tests, in **Pediatric Respiratory Therapy, 3rd Edition**. MD Lough, CF Doershuk, RC Stern, editors. Year Book Medical Publishers, Inc., Chicago, 1985, pp. 261-289.
7. **Orenstein DM**: Diagnosis of cystic fibrosis. Seminars in Respiratory Medicine, 1985, 6(4):252-260.
8. **Orenstein DM**: Exercise and the young. Comprehensive Therapy, 1985, 11(1):38-47.
9. **Orenstein DM**: Research in exercise and cystic fibrosis: new directions. Scandinavian Journal of Sports Science, 1985; 7(1):29-33.
10. **Orenstein DM**, Wachnowsky DM: Behavioral aspects of cystic fibrosis. Annals of Behavioral Medicine, 1985; 7:17-20.
11. **Orenstein DM**. Exercise tolerance and exercise conditioning in children with chronic lung disease. Journal of Pediatrics 1988; 112:1043-1047.
12. Nixon PA, **Orenstein DM**. Exercise testing in children. Pediatric Pulmonology 1988; 5:107-122.
13. **Orenstein DM**, Nixon PA. Patients with cystic fibrosis, in Franklin BA, Gordon S, Timmis GC, **Exercise in Modern Medicine: Testing and Prescription in Health and Disease**, Williams and Wilkins, Baltimore, 1989, 204-214.
14. **Orenstein DM**, Nixon PA. Exercise in cystic fibrosis, in Torg JS, Welsh RP, Shepherd RJ (eds): **Current Therapy in Sports Medicine-2**. B.C.Becker Inc., Toronto, 1989, 26-31.
15. **Orenstein DM**. Exercise conditioning for children with asthma, in Wissow LS (ed): **Pediatric Asthma**, Report of the Twenty-First Ross Roundtable on Critical Approaches to Common Pediatric Problems. Columbus, Ohio, Ross Laboratories, 1990, pp 45-50.
16. **Orenstein DM**. Cystic fibrosis. Respiratory Care. 1991;36:746-756.a
17. Noyes BE, **Orenstein DM**. Pediatric pulmonary disorders. In Zitelli BJ, Davis HW (editors) **Pediatric Physical Diagnosis**, second edition. J.B. Lippincott Co., Philadelphia, 1992, pages 16.1-16.19.
18. Noyes BE, **Orenstein DM**. Pediatric pulmonary disorders. In Zitelli BJ, Davis HW (editors) **Slide Atlas of Pediatric Physical Diagnosis**, second edition. J.B. Lippincott Co., Philadelphia, 1992, Volume 16.
19. **Orenstein DM**. Assessment of exercise pulmonary function. In Rowland T (editor), **Pediatric Laboratory Exercise Testing: Clinical Guidelines**. Human Kinetics Publishers, Champaign, IL, 1992, pages 141-163.
20. **Orenstein DM**. Rehabilitation for the pediatric patient with pulmonary disease. In Hodgkin JE, Connors GL, Bell CW, (editors), **Pulmonary Rehabilitation: Guidelines to Success**. J.B. Lippincott Co., Philadelphia, 1993, pages 512-524.
21. Cerny F, **Orenstein D**. Cystic Fibrosis. In Skinner JS (editor), **Exercise Testing and Exercise**

- Prescription for Special Cases. Theoretical Basis and Clinical Application.** 2nd edition, Lea and Febiger, Philadelphia, 1993, pages 241-250.
22. **Orenstein, DM.** Cystic Fibrosis, *Curr Prob Pediatr* 1993; 23:4-15.
 23. **Orenstein DM, Noyes BE.** Cystic Fibrosis. In Casaburi R, Petty TL (editors), **Principles and Practice of Pulmonary Rehabilitation.** W.B. Saunders, Philadelphia, 1993.
 24. **Orenstein DM, Bowen A.** Cystic fibrosis. Clinical update for radiologists. *Radiologic Clinics of N America.* 1993;31:617-630.
 25. **Orenstein DM.** Impact of cystic fibrosis and its treatment on patient health-related quality of life. *New Insights Into Cystic Fibrosis.* 1994;2:6-8.
 26. **Orenstein DM, Orenstein SR.** Gastroesophageal Reflux and Dysfunctional Swallowing, In Loughlin GM, Eigen H, (editors) **Respiratory Disease in Children : Diagnosis and Management,** Williams & Wilkins, Baltimore, 1994, pages 563-586.
 27. Ramsey BW, Boat TF, for the Consensus Group. Outcome measures for clinical trials in cystic fibrosis. Summary of Cystic Fibrosis Foundation Consensus Conference. *Journal of Pediatrics,* 1994, 124:177-92.
 28. Kurland G, **Orenstein DM.** Complications of pediatric lung and heart-lung transplantation. *Current Opinion in Pediatrics.* 1994, 6:262-271.
 29. **Orenstein DM.** Cystic fibrosis. In Goldberg B (editor), **Sports and Exercise for Children with Chronic Health Conditions.** Human Kinetics, Champaign IL, 1995, 167-186.
 30. **Orenstein DM.** Asthma and Sports. In Bar-Or O (editor), **The Child and Adolescent Athlete,** Volume VI of **The Encyclopaedia of Sports Medicine.** International Olympic Committee. Blackwell Scientific Publications, Oxford, 1996, 433-454.
 31. **Orenstein DM.** Cystic fibrosis. In Rudolph AM, Hoffman JIE, Rudolph CD (editors), *Rudolph's Pediatrics,* 20th edition, 1996, Appleton & Lange, Stamford, CT, p1640-1650.
- 32-54 **Orenstein DM.** Chapters in Respiratory section of Behrman RE, Kliegman R, Arvin AM, Nelson WE (editors) 1996. **Nelson Textbook of Pediatrics,** 15th edition, W.B. Saunders Company, Philadelphia:
- Acute upper airway obstruction (Chapter 332)
 - Foreign bodies in the larynx, trachea, and bronchi (Chapter 333)
 - Subglottic stenosis (Chapter 334)
 - Bronchiolitis (Chapter 338)
 - Bronchiolitis obliterans (Chapter 339)
 - Follicular bronchiolitis (Chapter 339.1)
 - Aspiration pneumonias and gastroesophageal reflux-related respiratory disease (Chapter 340)
 - Emphysema and overinflation (Chapter 354)
 - Pulmonary edema (Chapter 355)
 - Chronic or recurrent respiratory symptoms (with Boat T; Chapter 362)
 - Pleurisy (Chapter 365)
 - Pneumothorax (Chapter 366)
 - Pneumomediastinum (Chapter 367)
 - Hydrothorax (Chapter 368)
 - Hemothorax (Chapter 369)
 - Chylothorax (Chapter 370)
 - Pectus excavatum (Chapter 371)
 - Asphyxiating thoracic dystrophy (Jeune's Syndrome) (Chapter 372)
 - Achondroplasia (Chapter 373)
 - Kyphoscoliosis (Chapter 374)
 - Rib anomalies (Chapter 375)
 - Neuromuscular diseases with hypoventilation (Chapter 376)
 - Obesity (Chapter 378)
 - Cough syncope (Chapter 379)

55. **Orenstein DM.** Cough. In Kliegman RM, Nieder ML, Super DM (editors), **Practical Strategies in Pediatric Diagnosis and Therapy.** W.B. Saunders Company, Philadelphia, 1996, pages 64-92.
56. Finder JD, Noyes BE, **Orenstein DM.** Pulmonary disorders. In Zitelli BJ, Davis HW (editors) **Atlas of Pediatric Physical Diagnosis**, third edition. Mosby-Wolfe, St. Louis, 1997, pages 467-486.
57. Nixon PA, **Orenstein DM,** Rebovich PJ, Noyes BE, Kurland G, Webber SA, Fricker FJ. Exercise tolerance and quality of life in paediatric lung transplant recipients. In Armstrong N, Kirby B, Welsman J (editors) **Children and Exercise XIX,** E & FN Spon, London, 1997, pages 31-36.
58. **Orenstein DM,** Finder JD. The child who coughs. *Seminars in Pediatric Infectious Diseases.* 1998, 9:126-137.
59. **Orenstein DM.** Exercise testing in cystic fibrosis (editorial). *Pediatric Pulmonology* 1998;25:223-225.
60. **Orenstein DM.** The athlete with pulmonary disease (especially asthma). In Garrett WE (editor), **Textbook of Sports Medicine.** Williams & Wilkins, Media, PA, 1998.
61. **Orenstein DM,** Cerny F. Cystic fibrosis. In Rippe JM (editor), **Lifestyle Medicine.** Blackwell Science, London, 1999;477-482.
- 62-84 **Orenstein DM.** Chapters in Respiratory section of Behrman RE, Kliegman R, Jenson HB (editors) 2000. **Nelson Textbook of Pediatrics**, 16th edition, W.B. Saunders Company, Philadelphia
 - Acute inflammatory upper airway obstruction (Chapter 385)
 - Foreign bodies in the larynx, trachea, and bronchi (Chapter 386)
 - Subglottic stenosis (Chapter 387)
 - Bronchitis (Chapter 390)
 - Bronchiolitis (Chapter 391)
 - Bronchiolitis obliterans (Chapter 392)
 - Aspiration pneumonias and gastroesophageal reflux-related respiratory disease (Chapter 393)
 - Emphysema and overinflation (Chapter 407)
 - Pulmonary edema (Chapter 408)
 - Chronic or recurrent respiratory symptoms (with Boat T)(Chapter 415)
 - Pleurisy (Chapter 418)
 - Pneumothorax (Chapter 419)
 - Pneumomediastinum (Chapter 420)
 - Hydrothorax (Chapter 421)
 - Hemothorax (Chapter 422)
 - Chylothorax (Chapter 423)
 - Pectus excavatum (Chapter 424.1)
 - Asphyxiating thoracic dystrophy (Jeune's Syndrome) (Chapter 424.2)
 - Achondroplasia (Chapter 424.3)
 - Kyphoscoliosis (Chapter 424.4)
 - Rib anomalies (Chapter 424.5)
 - Neuromuscular diseases with hypoventilation (Chapter 425)
 - Cough syncope (Chapter 426)
85. **Orenstein DM,** Landry GL. Exercise, asthma, and anaphylaxis. In Sullivan JA, Anderson SJ (editors), **Care of the Young Athlete.** American Academy of Orthopaedic Surgeons and American Academy of Pediatrics, 2000.
86. **Orenstein DM.** Cystic fibrosis. In Rudolph CD, Rudolph AM, Hostetter MK, Lister G, Siegel, NJ. (editors), **Rudolph's Pediatrics**, 21st edition, 2003, McGraw-Hill, New York p1967-1980.
87. **Orenstein DM** Pulmonary problems and management concerns in youth sports. *Pediatric Clinics of North America.* 2002 Aug;49(4):709-21.
88. **Orenstein DM.** Heads up! Clear those airways! (editorial) *Pediatric Pulmonology* 2003,35:160-161.

89. **Orenstein DM**, Higgins LW. Update on the role of exercise in cystic fibrosis *Current Opinion in Pulmonary Medicine*. 2005,11(6):519-523.
90. **Orenstein DM**, Gruber W. Exercise: testing (Chapter 25a), in Hodson M, Geddes D, Bush A (editors), **Cystic Fibrosis** (third edition), 2007, Hodder Arnold, London.
91. **Orenstein DM**, Higgins LW. Exercise: use in therapy (Chapter 25b), in Hodson M, Geddes D, Bush A (editors), **Cystic Fibrosis** (third edition), 2007, Hodder Arnold, London.
92. **Orenstein DM**, Asthma and Sports (Chapter 26, p349-371), in Hebestreit H and Bar-Or O (editors), **The Young Athlete**, Volume XIII of **The Encyclopaedia of Sports Medicine**. International Olympic Committee. 2008, Blackwell Scientific Publications, Oxford.

Books:

Orenstein, DM. Cystic Fibrosis: A Guide for Patient and Family. Raven Press. New York, 1989.

Orenstein, DM, Collins, FS. **Cystic Fibrosis: A Guide for Patient and Family:** Update for second printing, Raven Press. New York, 1992

Orenstein, DM. Cystic Fibrosis: A Guide for Patient and Family. Second Edition. Lippincott-Raven. New York, 1997.

Orenstein DM, Stern RC (editors). **Treatment of the Hospitalized Cystic Fibrosis Patient.** Marcel Dekker, Inc., New York, 1998.

Orenstein DM, Rosenstein BJ, Stern RC. **Cystic Fibrosis Medical Care.** Lippincott Williams & Wilkins, Philadelphia, 2000.

Orenstein DM. Cystic Fibrosis: A Guide for Patient and Family. Third Edition. Lippincott Williams & Wilkins. Philadelphia, 2004.

Orenstein, DM, Spahr JE, Weiner DJ. **Cystic Fibrosis: A Guide for Patient and Family. Fourth Edition.** Wolters Kluwer Lippincott Williams & Wilkins. Philadelphia, 2012.

PUBLISHED ABSTRACTS

1. **Orenstein D**, Franklin B, Germann K, Bacevice A, Horowitz J, Doershuk C: Exercise studies in cystic fibrosis patients, 1979 American College of Sports Medicine. Annual meeting and Pan-Pacific Conference, May 1979, Honolulu. *Med Sci Sports*
2. **Orenstein D**, Boat T, Owens R, Germann K, Horowitz J, Doershuk C: Ventilatory response to carbon dioxide in Prader-Willi patients and their families. *American Pediatric Society/Society for Pediatric Research*. 1979, *Pediatr Res*
3. **Orenstein D**, Franklin B, Germann K, Horowitz J, Stern R, Doershuk C: Exercise conditioning in cystic fibrosis. Eighth International Congress on Cystic Fibrosis. May 1980, Toronto.
4. Orenstein D, Franklin B, Germann K, Horowitz J, Stern R, Doershuk C: Running increases respiratory muscle endurance in cystic fibrosis. *Cystic Fibrosis Club*. May 1980,
5. Germann K, **Orenstein D**, Horowitz J: Changes in oxygenation during exercise in cystic fibrosis. *American*

College of Sports Medicine Annual Meeting. 1980, Med Sci Sports Exerc

6. **Orenstein DM**, Germann KJ, Costill DL, Lemon P: Exercise and heat stress in cystic fibrosis patients. 1981, Med Sci Sports Exerc
7. Germann KJ, **Orenstein DM**: Pulmonary adjustments to exercise in cystic fibrosis. 1981, Med Sci Sports Exerc
8. Lemon PWR, **Orenstein DM**, Germann KJ: Sweat urea N excretion during moderate exercise in cystic fibrosis. Canadian Association of Sports Sciences, November 1981, Halifax.
9. **Orenstein D**, Germann K: Exercise testing in cystic fibrosis. 1982, Clin Res
10. **Orenstein D**, Henke K, Green C: Heat acclimation in cystic fibrosis. 1983, Med Sci Sport Exerc
11. **Orenstein DM**, Reed MR. Exercise conditioning in children with asthma. 1984, Am Rev Respir Dis
12. Reed MR, **Orenstein DM**. Exercise testing in children with asthma. 1984, Med Sci Sports Exerc
13. **Orenstein DM**, Nixon PA, Kaplan RM, Ross EA. Quality of well-being in cystic fibrosis. Am Rev Respirat Dis 1988; 137:502
14. Curtis SE, **Orenstein DM**, Nixon PA, Ross EA. Accuracy of SaO₂ monitors during exercise testing in pediatric patients with cystic fibrosis. Am Rev Respirat Dis 1988; 137:305
15. Nixon P, Orenstein D, Doershuk C, Kelsey S, Ross E. Prognostic value of exercise testing in cystic fibrosis. Pediatric Pulmonol 1990; Suppl 5:254.
16. **Orenstein DM**, Nixon PA, Kelsey S. Validity of activity monitors and questionnaires in cystic fibrosis. Ped Res 1992;31 (4, Part 2):98A.
17. Nixon PA, **Orenstein DM**, Kelsey S. Predictors of peak oxygen uptake in patients with cystic fibrosis. Ped Res 1992;31 (4, Part 2):362A.
18. **Orenstein DM**, Nixon PA, Kelsey S. Influence of pulmonary function and parental activity on child's activity in cystic fibrosis. Ped Res 1992;31 (4, Part 2):i362A.
19. **Orenstein DM**, Pattishall EN, Noyes BE, Kurland G, Yu VL. Prospective study of potential development of arthropathy in children with cystic fibrosis receiving ciprofloxacin. 32nd Intersci Conf Antimicrob Agents Conf 1992; Abstract #151, Anaheim.
20. **Orenstein DM**, Nixon PA, Kelsey S, Washburn R, Kaplan R. Long-term activity intervention in cystic fibrosis. Am Rev Respirat Dis 1993;147, A534.
21. Zapletal A, Noyes BE, Kurland G, **Orenstein DM**, Armitage J. Significance of lung function indices in the assessment of pediatric lung and heart-lung transplant recipients. Am Rev Respirat Dis 1993;147, A607.
22. Noyes BE, Kurland G, **Orenstein DM**, Fricker FJ, Armitage JM. Experience with pediatric heart-lung and lung transplant at the University of Pittsburgh. Am Rev Respirat Dis 1993;147, A607.
23. Boas SR, Kurland G, Noyes BE, **Orenstein DM**, Atlas AB, Armitage J. Pneumothorax after transbronchial biopsy in pediatric lung and heart-lung transplant recipients. Am Rev Respirat Dis 1993;147, A607.
24. Austin A, Kalhan S, **Orenstein D**, Arslanian S. Roles of insulin resistance and β -cell dysfunction in the pathogenesis of diabetes in cystic fibrosis. Ped Research 1993, in press.
25. Nixon PA, Fricker FJ, **Orenstein DM**, Margolis MK. Heart and lung allograft responses to progressive exercise in pediatric heart and/or lung transplant patients. Ped Exercise Sci, 1993;5(4):452.

26. Boas SR, Nixon PA, Joswiak M, **Orenstein DM**. Anaerobic exercise testing in male adolescents with cystic fibrosis. *Ped Exercise Sci.* 1994, in press.
 27. Nixon PA, Joswiak ML, Fricker FJ, Noyes BE, **Orenstein DM**, Armitage JM. Exercise tolerance, pulmonary function, and quality of well-being in pediatric patients following heart-lung or lung transplantation: changes over time. *Pediatric Pulmonology* 1994; Supplement 10, p271.
 28. Orenstein SR, DiLorenzo C, **Orenstein DM**, Shalaby TM, Deneault LG, Lutz JW. Isolated lower esophageal sphincter relaxation as "wave-suppressed" secondary peristalsis. *Am J Gastroenterol* 1994;89(9):1623.
 29. Fulton J, Boas SR, Koehler A, **Orenstein DM**, Nutritional and respiratory markers for Pubertal development in adolescent males with cystic fibrosis. *Pediatr Pulmonol* 1995; Supplement 12, p265, A304.
 30. **Orenstein DM**, Nixon PA, Hovell MF, Mulvihill M, Cleanthous C, Keating K, Kelsey S, Strength testing in patients with cystic fibrosis. *Pediatr Pulmonol* 1996, Supplement 13, p 303-304, A341.
 31. Gondor M, Nixon PA, Rebovich PJ, **Orenstein DM**, A comparison of the flutter device and chest physical therapy in the treatment of cystic fibrosis pulmonary exacerbation. *Pediatr Pulmonol* 1996, Supplement 13, p 307-308, A355.
 32. Hartigan ER, Fulton JA, Burckart G, Venkataramanan R, Kurland G, **Orenstein DM**, Tacrolimus pharmacokinetics in patients with cystic fibrosis. *Pediatr Pulmonol* 1996, Supplement 13, p 312, A371.
 33. Nixon, PA, Joswiak, ML, Fricker FJ, Noyes BE, **Orenstein DM**, Changes in pulmonary function, aerobic fitness, and quality of well-being in pediatric patients during the 36 months following heart-lung or lung transplantation. *Pediatr Pulmonol* 1996, Supplement 13, p312, A372.
-
1. Faro A, Kaplan S, Zeevi A, Meyer K, Kurland G, Banis R, Yost M, **Orenstein DM**, Serum and Urinary Nitrates as Markers of inflammation in cystic fibrosis. *Pediatr Pulmonol* 1996, Supplement 13, p 331, A 440.
 2. Mulvihill M, Keating K, Hovell M, Nixon PA, **Orenstein DM**, Determinants of physical activity in CF youth. *Pediatr Pulmonol* 1996, Supplement 13, p 336, A459.
 3. Mulvihill M, Keating K, Hovell M, Nixon, PA, Cleanthous C, **Orenstein DM**, Parental support for physical activity in CF youth. *Pediatr Pulmonol* 1996, Supplement 13, p 336, A460.
 4. Fulton JA, Murphy TD, **Orenstein DM**. Use of a ready-to-feed, semi-elemental formula for gastrostomy tube feedings in children with cystic fibrosis. *American Society for Parenteral and Enteral Nutrition*, Feb 1999

OTHER PUBLICATIONS

Committee Statements

1. Infant swimming programs: Committee on Sports Medicine (1984-1985), American Academy of Pediatrics
2. A self-appraisal checklist for health supervision in scholastic athletic programs: Committee on Sports Medicine (1985), American Academy of Pediatrics
4. Atlantoaxial instability in Downs Syndrome, Committee on Sports Medicine (1984), American Academy of Pediatrics
5. Health appraisal guidelines for day camps and residence camps, Committee on Sports Medicine (1984),

American Academy of Pediatrics

6. Physical Fitness and the Schools: Committee on Sports Medicine (1987), American Academy of Pediatrics. Pediatrics 1987; 80:447-448.
7. Exercise for Children Who Are Mentally Retarded: Committee on Sports Medicine (1987), American Academy of Pediatrics. Pediatrics 1987; 80:449-450.
8. Infant Exercise Programs: Committee on Sports Medicine (1988), American Academy of Pediatrics. Pediatrics
9. Anabolic Steroids and the Adolescent Athlete: Committee on Sports Medicine (1989), American Academy of Pediatrics. Pediatrics, 1989; 83:127-128.
10. Amenorrhea in Adolescent Athletes: Committee on Sports Medicine (1989), American Academy of Pediatrics. Pediatrics, 1989; 84:394-395.
11. Knee Brace Use by Athletes: Committee on Sports Medicine (1989-1990), American Academy of Pediatrics. Pediatrics, 1990;85:228.
12. Risks in Distance Running for Children: Committee on Sports Medicine (1989-1990), American Academy of Pediatrics. Pediatrics, 1990;86:799-800.
13. Strength Training, Weight and Power Lifting, and Body Building by Children and Adolescents: Committee on Sports Medicine (1989-1990), American Academy of Pediatrics. Pediatrics, 1990;86:801-803.
14. Human Immunodeficiency Virus [Acquired Immunodeficiency Syndrome (AIDS) Virus] in the Athletic Setting: Committee on Sports Medicine (1990-1991), American Academy of Pediatrics. Pediatrics, 1991;88:640-641.
15. Horseback Riding and Head Injuries. Committee on Sports Medicine and Fitness (1991-1992), American Academy of Pediatrics. Pediatrics, 1992;89:512.
16. Fitness, Activity, and Sports Participation in the Preschool Child. Committee on Sports Medicine and Fitness (1991-1992), American Academy of Pediatrics. Pediatrics, 1992;90:1002-1003.
17. Assessing Physical Activity And Fitness In The Office Setting. Committee on Sports Medicine and Fitness (1993-1994), American Academy of Pediatrics. Pediatrics, 1994;93:686-688.
18. Risk of Injury From baseball and Softball in Children 5 to 14 Years of Age. Committee on Sports Medicine and Fitness (1993-1994), American Academy of Pediatrics. Pediatrics, 1994;93:690-1.

Book Reviews

1. **Orenstein DM.** Review of Lung Biology in Health and Disease: Heart-Lung Interactions in Health and Disease, Volume 42. Edited by Scharf SM, Cassidy SS. New York: Marcel Dekker, 1989. Review appeared in Pediatric Pulmonology 1990;8:130-131
2. **Orenstein DM.** Review of Lung Biology in Health and Disease: Cystic Fibrosis, Volume 64. Edited by Pamela B. Davis. New York: Marcel Dekker, 1993. Review appeared in Chest 1995;108:19.
3. **Orenstein DM.** Review of Cystic Fibrosis. Edited by Dennis J Shale. BMJ Publishing Group 1995. Review appeared in Brit Med J 1996;313:239.

Letters to the Editor

1. Sherman JM, **Orenstein DM**, Stern RC. Brain abscess and cystic fibrosis. Journal of Pediatrics, 1980;96:952.

2. **Orenstein DM.** Early treatment of cystic fibrosis. JAMA 1982;248:2113.
3. Miele LA, **Orenstein D**, Teperman L, Podesta L, Koneru B, Starzl TE. Liver transplantation in cystic fibrosis. Lancet, 1989;1 (May 13):1073.
4. **Orenstein D.** Baskin-Robbins, here we come! Running Times, 1990 (January).

MISCELLANEOUS: 1996: YMCA Masters Swimming, All-American for 1650 yd freestyle, (23mins25secs; 5th place, out of 6 competitors)

2002: Little Red Lighthouse 7.8 mile swim (Hudson River), 61st place; 3rd place over 55 years old (2 hrs 4 mins. 3 secs.)