

CURRICULUM VITAE

Victor Chernick, MD, FRCPC

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Winnipeg, Manitoba, Canada
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FAX: (204) 787-1944
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DATE OF BIRTH: December 31, 1935
PLACE OF BIRTH: Winnipeg, Manitoba, Canada
CITIZENSHIP: Canadian
MARITAL STATUS: Married - Four Children

EDUCATION:

M.D., University of Manitoba 1959

PROFESSIONAL EXPERIENCE:

1959-1960 Rotating Intern, Winnipeg General Hospital, Winnipeg, Manitoba

1960 Fellow, Collaborative Perinatal Project, NINDB, NIH, Dr. Janet Hardy, Johns Hopkins University

1960-1962 Junior Assistant Resident and Assistant Resident, Department of Pediatrics, Johns Hopkins University

1962-1964 Fellow, Environmental Medicine and Pediatrics, Drs. Richard Riley and M.E. Avery, Johns Hopkins University

Jan 1964 to
June 1964 Resident in Medicine, Veterans Administration Hospital, Baltimore, Maryland

Sept 1964 to
Dec 1964 Attending Physician, Pulmonary Physiology, Veterans Administration Hospital, Baltimore

Jan 1966 to
Aug 1966 Consultant, Pulmonary Physiology, Veterans Administration Hospital, Baltimore

July 1964 to
1965 Instructor, Department of Pediatrics, Johns Hopkins University

July 1965 to
1966 Assistant Professor, Department of Pediatrics, Johns Hopkins University

1966-1967 Assistant Professor, Departments of Pediatrics and Physiology, University of Manitoba, Winnipeg, Manitoba

1966-1993 Director, Perinatal Physiology Laboratory, Faculty of Medicine, University of Manitoba

1966-1996 Head, Section of Pediatric Respiriology, Children's Hospital, Winnipeg, Manitoba

1967-1971 Associate Professor, Departments of Pediatrics and Physiology, University of Manitoba, Winnipeg, Manitoba

1971-2002 Professor, Department of Pediatrics, University of Manitoba, Winnipeg, MB

Aug 1971 to
Sept 1979 Chairman, Department of Pediatrics, University of Manitoba, Winnipeg, Manitoba

Aug 1971 to
Sept 1979 Pediatrician-in-Chief, Children's Hospital, Winnipeg, Manitoba

July 1976 to
June 1977 Visiting Professor, Department of Pediatrics, Harvard University, Boston, Mass.

April 1983 to
Feb 28/86 Associate Dean of Research & Graduate Studies, Faculty of Medicine, University of Manitoba

Feb 1985 to
1993 Adjunct Professor, Department of Physiology, University of Manitoba

2002 Professor Emeritus, Dept. of Pediatrics, University of Manitoba, Winnipeg, MB

July 2002 to
Jan.1/2013 Editor-in-Chief, Pediatric Pulmonology

HONOURS AND NAMED LECTURESHIPS:

Apr 1967 - Mar 1978 Queen Elizabeth II Scientist

1968 American Men of Science

July 1970 Canadian Pediatric Society, Medal for Research

November 1972 - Board of Trustees, Queen Elizabeth II Scientist Fund

1974 - 1982 Council, Royal College of Physicians and Surgeons of Canada,

January 22, 1974 Honorary Citizen, City of New Orleans

November 1976 John Stewart Memorial Lecturer, Dalhousie University, 50th Annual Refresher Course, Halifax

November 1978	Journal of Pediatrics Educational Program Visiting Lecturer, Washington University School of Medicine, St. Louis
November 1978	Alan Brown Lecturer, Hospital for Sick Children Alumni Meeting, Toronto, November 1978
January 1979	18th Annual Parmelee Memorial Lecturer, Los Angeles Pediatric Society, Los Angeles
March 1980	Medical Research Council of Canada Visiting Professor, Saskatoon
1981	Honorary Member, Chilean Pediatric Society
April 1984	Sutton Lecturer, Department of Pediatrics, Medical College of Virginia, Williamsburg, Virginia
November 1984	Maricopa-Pima Visiting Professor, Department of Pediatrics, The University of Arizona, Tucson, Arizona
October 1985	Dozor Visiting Professor, Department of Pediatrics, Ben Gurion University of the Negev, Beer Sheva, Israel
January 1986	25th Annual Parmelee Memorial Lectures and Neonatal Symposium, Los Angeles Pediatric Society, Los Angeles, California
June 1995	Excellence in Respiratory Research and Care Award, Manitoba Lung Association, Winnipeg, Manitoba
October 2002	The Commemorative Medal for Her Majesty Queen Elizabeth II's Golden Jubilee awarded for volunteer work with Manitoba Lung Association promoting research in lung disease.
August 2005 Edmonton Aug/17/05	Awarded Honorary Membership, Canadian Medical Association,
March 2007	Edwin L. Kendig Award, section of Pediatric Pulmonology, American Academy of Pediatrics
Sept. 2009	Victor Chernick Award, Pediatric Assembly, Canadian Thoracic Society
May, 2012	Founder award, Pediatric Assembly, American Thoracic Society.

COMMUNITY SERVICE:

Jan 1981 to Jan 1984	Member, Board of Directors, Winnipeg Symphony Orchestra
Jan 1991 to	

Jul 1998	Member, Board of Directors, YMHA Jewish Community Centre of Winnipeg
Jul 1998 to Jul 2000	Member, Board of Directors, Rady Jewish Community Centre
Jan 1996 to Jan 2000	Member, Board of Directors, Rainbow Society, Winnipeg
Jan 1996 to Jan 2000	Member, Wish Committee, Rainbow Society, Winnipeg

CERTIFICATIONS:

1961	Certified, Maryland State Board of Medical Examiners
May 1965	Certified, American Board of Pediatrics
April 1966	Fellow, American Academy of Pediatrics
1967	Certified, Royal College of Physicians and Surgeons of Canada
1972	Fellow, Royal College of Physicians and Surgeons of Canada
Sept 1978 -1990	Fellow, Canadian Pediatric Society
1986	Sub board in Pulmonology, American Board of Pediatrics
Oct 1993andOct2000	Recertified, American Board of Pediatrics

NATIONAL COMMITTEES AND EDITORIAL BOARDS:

1969	Member, Convening Committee, Scientific Assembly on Respiratory Diseases of Children, American Thoracic Society
1971-1972	Member, Board of Directors, Canadian Thoracic Society
1972-1976	Member, Research Committee, Canadian Thoracic Society
1970-1971	Chairman, Scientific Assembly for Pediatrics, American Thoracic Society
1970-1971	Member, Program Committee, American Thoracic Society
1971-1977	Editorial Board, Pediatrics

1973-1976 Editorial Board, Journal of Applied Physiology and American Journal of Physiology

1973-1976 Secretary, International Cystic Fibrosis Association

1972-1974 Member, Nominations Committee, American Thoracic Society

1974-1982 Member, Royal College of Physicians and Surgeons, Council

1974-1978 Member, Cardiorespiratory Grants Review Committee, Medical Research Council of Canada

March 1975 Chairman, National Heart and Lung Institute ad hoc Committee to review educational program contract for recognition and early treatment of neonatal respiratory insufficiency and failure, Bethesda

1973-1976 Member of Council, Society for Pediatric Research 1973-1976

1974-1978 Medical Advisory Committee, Royal College of Physicians and Surgeons

1976-1980 President, Midwest Society for Pediatric Research

1977-1980 Editorial Board, Early Childhood Development

1978 Member, Cystic Fibrosis Panel, International Pediatric Association

1978-1983 Scientific Officer, Heart and Lung Committee, Medical Research Council of Canada

1978-1985 Editorial Board, Journal of Pediatrics
1978-1980 Board of Directors, Canadian Lung Association

1980-1983 Member, Advisory Expert Panel on Pulmonary Diseases, International Pediatric Association

1978-1982 Member, Committee on Research, The Royal College of Physicians and Surgeons of Canada

1978-1982 Member, Bioethics Committee, Royal College of Physicians & Surgeons of Canada

1983-1985 Member of Council, Perinatal Research Society

1984 Member, Editorial Board, Pediatric Pulmonology

1984-1988 Board of Governors, Winnipeg Clinic Research Institute

1985 Founding Member, Senior Consulting Medical Staff, Manitoba Developmental Centre

1985 Member, Fleishner Society

- 1985-1988 Coordinator, Expert Panel on Pulmonary Diseases in Infancy and Childhood, International Pediatric Association
- 1985-2002 Medical Editor, Pulmonology Examination, American Board of Pediatrics
- 1986-1990 Examiner, Royal College of Physicians & Surgeons of Canada, Respiratory Medicine
- 1973 Member, Board of Trustees, Queen Elizabeth II Foundation
- 1992 Member, Medical Research Council of Canada, Scientist Review Committee
- 1992 Member, Heritage Foundation of Alberta, Medical Scientist Review Committee
- 1992 Editorial Councilor, Pediatric Pulmonology
- May, 1996 International Editor, Asthma Chapter, HyperMed, Isreal
- July 1, 2002-Jan 1,2013 Editor-in- Chief, Pediatric Pulmonology
- July, 2003-2010 Member, Editorial Board, Pediatric Allergy & Immunology

Thesis Supervisor

Dept. of Physiology

Pagtakhan, R.D.	M.Sc. 1969
Bahoric, A.	M.Sc. 1974
Jansen, A.	Ph.D. 1975
Leahy, F.	M.Sc. 1979

Clinical Fellows:

Dr. H. Pasterkamp	Dr. R D. Pagtakhan
Dr. F. Fernandes-Nievas	Dr. F. Reis
Dr. D. Garros	Dr. M. Montgomery
Dr. A. Poynter	Dr. H. Bibi
Dr. A. Avital	Dr. J. Marks
Dr. J. De Koster	Dr. M. Yamsuen
Dr. S. Alkrinawi	Dr. I. Wong
Dr. A. Tuazon	Dr. R. Powell
Dr. T. Leopando	Dr. N. Sharief
Dr. C. De Boeck	Dr. H. Al Sadoon
Dr. I. Sanchez	Dr. A. Tal
Dr. W. Wiebicke	Dr. S. Sofer
Dr. V.A. Pusey	Dr. D. Vidyasagar

BSc Med Supervisor

- T. Wong
L. Nugent
M. Rosenbluth

INVITED LECTURERS AND VISITING PROFESSORSHIPS:

1965	Guest Speaker, Maryland Thoracic Society
June 1967	Guest Speaker, American Medical Association
Jan 1966	Invited Lecturer, Naval Hospital, Bethesda, Maryland
Oct 1966	Guest Speaker, American Academy of Pediatrics
Sept 1967	Guest Speaker, Canadian Pediatric Society
Sept 1968	Guest Faculty, Course: Chronic Respiratory Disease in Children and Adolescents, University of Minnesota, Minneapolis, Minnesota
Sept 1969	Guest Faculty: Continuing Education Course, Brandon Hospital, Brandon, Manitoba
Nov 1969	Guest Faculty: Chronic Pulmonary Disease in Children, Chicago Children's Hospital
Jan 1970	Invited Speaker, Canadian Society for Clinical Investigation and Royal College of Physicians and Surgeons, Symposium on "Respiratory Physiology in the Newborn", Montreal
March 1970	Guest Faculty: Postgraduate Education Course "Pediatrics", University of Kansas
April 1970	Invited Speaker, Alberta Pediatric Society, Edmonton
Oct 1970	Invited Speaker, American Academy of Pediatrics (Chest Section)
May 1971	Chairman, Pulmonary Session, Society for Pediatric Research
May 1971	Visiting Professor, University of California, San Diego, California
Jan 1972	Guest Faculty, Conference: Pediatric Pulmonary Conference of the Pacific Hawaii Cystic Fibrosis Chapter, Hawaii
Feb 1972	Consultant: Workshop on Pediatric Pulmonary Diseases, NIH, Carmel, California
Mar 1972	Visiting Professor, Mount Sinai Hospital of Greater Miami, Miami Beach, Florida
Apr 1972	Visiting Professor, Department of Physiology, University of Florida, Gainesville, Florida
July 1972	Invited Speaker, Barcroft Centennial Symposium on Fetal Physiology, Cambridge, England

Sept 1972	Visiting Professor, McGill University, Department of Pediatrics, Montreal, Quebec
Nov 1972	Guest Faculty, Hospital for Sick Children, Pediatric Intensive Care, Respiratory Failure, Toronto, Ontario
Mar 1973	Guest Faculty, North West Pediatric Society, Vancouver, BC
April 1973	Guest Faculty, University of Alberta, Edmonton, Alberta
June 1973	Journal of Pediatrics Visiting Professor, Cook County Hospital, Chicago, Illinois
Aug 1973	Invited Speaker, Conference on Intensive Care in the Newborn, Banff, Alberta
Oct 1973	Chairman, Round Table on Respirology, American Academy of Pediatrics, Chicago, Illinois
Nov 1973	Guest Faculty, McMaster University, Hamilton, Ontario
Nov 1973	Guest Faculty, University of Calgary, Calgary, Alberta
Jan 1974	Invited Speaker, 3rd Annual Pediatric Pulmonary Course, New Orleans, Louisiana
Mar 1974	Invited Speaker, University of California, San Diego, Symposium on Modern Perinatal Medicine
May 1974	Invited Speaker, Annual National Anesthesia Course, Milan, Italy
May 1974	Guest Speaker, American Lung Association, Cincinnati, Ohio
Oct 1974	Guest Speaker, 14th International Congress of Pediatrics, Buenos Aires
Nov 1974	Guest Speaker, Pediatric Anesthesiology and Intensive Care Workshop, Denver, Colorado
May 1975	Guest Speaker, 10th Indiana Multidisciplinary Child Care Conference, Indianapolis, Indiana
May 1975	Invited Participant, 69th Ross Conference on Iatrogenic Problems in Neonatal Intensive Care, Hilton Head
Oct 1975	Guest Speaker, Symposium on Physiological Basis on Neonatal Medicine, University of Illinois, Harrison House
Oct 1975	Guest Speaker, 2nd Annual Pediatric Symposium, Toledo

Dec 1975	Guest Speaker, 70th Ross Conference on Lung Maturation and the Prevention of Hyaline Membrane Disease, Puerto Rico
Feb 1976	Guest Speaker, 14th Annual Symposium on Respiratory Disease, Washington Thoracic Society, Seattle, Washington
Apr 1976	Guest Speaker, 12th Annual Arizona Chest Symposium, Tucson
May 1976	Visiting Professor, University of Southern California
May 1976	Guest Speaker, 1st Annual Symposium, The High-Risk Fetus and Newborn, Loma Linda University, Loma Linda
Oct 1976	Guest Speaker, Sections on Perinatal Pediatrics and Diseases of the Chest, American Academy of Pediatrics
Nov 1976	John Stewart Memorial Lecturer, 50th Annual Dalhousie Refresher Course, Dalhousie University, Halifax, Nova Scotia
June 1977	Guest Faculty, Staff Day Pediatric Postgraduate Course, Children's Memorial Hospital, Chicago, Illinois
June 1977	Guest Speaker, 4th Annual Florida Perinatal Conference, Lake Buena Vista
Nov 1977	Guest Speaker, Symposium on Exciting New Developments in Pediatrics, American Academy of Pediatrics, New York
Dec 1977	Faculty Member, 12th Perinatal and Developmental Medicine Symposium, Mead Johnson Laboratories, Marco Island, Florida
Jan 1978	Guest Speaker, Lung Diseases in Children (Postgraduate Course), University of Colorado, Vail
Mar 1978	Featured Guest Speaker, 116th Meeting of the North Pacific Pediatric Society, The Care of the Sick Newborn, Portland, Oregon
Mar 1978	Fellows' Visiting Professor, Department of Pediatrics, University of Florida, Gainesville, Florida
April 1978	Guest Speaker, Case Western Reserve University, Cleveland, Ohio
May 1978	Visiting Professor, Annual Postgraduate Course in Pediatrics, University of Alberta
May 1978	Guest Speaker, 74th Annual Meeting American Lung Association, Boston, Massachusetts

June 1978 Guest Faculty, Respiratory Problems in Childhood, Section on Diseases of the Chest, American Academy of Pediatrics Continuing Medical Education, Sea Island

June 1978 Co-Chairman, Scientific Session, Canadian Lung Association Annual Meeting, Winnipeg, Manitoba

Oct 1978 Seminar Presentation, Pulmonology, American Academy of Pediatrics Annual Meeting, Chicago, Illinois

Oct 1978 Guest Speaker, Third Symposium on Perinatal Medicine, Christ Hospital Continuing Medical Education, Oak Lawn, Illinois

Oct 1978 Guest Speaker, Perinatal Symposium on Respiratory Distress Syndrome, University of Western, Ontario, London

Nov 1978 Journal of Pediatrics Education Program Visiting Lecturer, Washington University School of Medicine, St. Louis

Nov 1978 Alan Brown Lecturer, Hospital for Sick Children Alumni Meeting, Toronto, Ontario

Dec 1978 Moderator, Section on Epidemiology of Bronchopulmonary Dysplasia Workshop on Bronchopulmonary Dysplasia, National Institutes of Health, Division of Lung Diseases, Bethesda, Maryland

Jan 1979 18th Annual Parmelee Memorial Lecturer, Los Angeles Pediatric Society, Los Angeles, California

Jan 1979 Guest Speaker, Pediatric Grand Rounds, University of California, Los Angeles, California

Jan 1979 Guest Faculty, Pediatric Postgraduate Courses, Variety Children's Hospital, Miami, Florida

April 1979 Visiting Speaker, American Association of Respiratory Therapists, Baltimore, Maryland

April 1979 Guest Speaker, American Academy of Pediatrics, Spring Session, Toronto

Dec 1979 Invited Speaker, First International Conference on the Physiologic and Biochemical Basis for Perinatal Medicine, Paris, France

Mar 1980 Medical Research Council, Visiting Professor, Saskatoon, Saskatchewan

May 1980 Visiting Speaker, Mead Johnson Perinatal Research Meeting, Cadiz, Kentucky

Aug 1980 Visiting Professor, Chilean Pediatric Society - "Advances in Perinatology", Santiago, Chile

Dec 1980 Invited Speaker, Pulmonary Supercourse, New Orleans, Louisiana

Apr 1981 Visiting Speaker, Historical Perspectives and Recent Advances in Perinatology, Chicago Pediatric Historical Society, Chicago, Illinois

May 1981 Visiting Professor, Perinatal Symposium, Columbus, Georgia

Oct 1981 External Reviewer, Ministry of Health, Province of Ontario, Hospital for Sick Children, Toronto, Ontario

Mar 1982 Visiting Professor, Astra Symposium on Lung Infection, Manila, Philippines

Apr 1982 Visiting Professor, Department of Pediatrics, University of California, San Francisco, California

May 1982 Invited Speaker, The Fleischner Society Annual Meeting in Salzburg, Austria

Jan 1983 Visiting Professor, Pediatric Grand Rounds, Sunrise Hospital, Las Vegas

June 1983 Invited Chairman, Catecholamines and Respiration, Stockholm, Sweden

June 1983 Invited Lecturer, Fetal Breathing and Endogenous Opiates, Brugmann University Hospital, Brussels, Belgium

Nov 1983 Invited Chairman, International Congress of Pediatrics, Manila, Philippines

Feb 1984 Invited Lecturer, Department of Zoology, University of British Columbia, Vancouver, BC

Aug 1985 Invited Speaker, Ross Conference on "The Child with Asthma", La Sapiniere, Quebec

Nov 1985 Visiting Professor, American Lung Association of Dallas, Department of Pediatrics, University of Texas, Health Sciences Center

Nov 1985 Invited Speaker, Respiratory Care Conference, Nassau, Bahamas

Jan 1986 Visiting Professor, Department of Pediatrics, University of British Columbia

Mar 1986 Visiting Professor, National Jewish Center, Department of Pediatrics, Denver, Colorado

Apr 1986 Invited Speaker, Research on Alcohol Society, Fetal Alcohol Syndrome Group, San Francisco, California

June 1986	Invited Speaker, 3rd Annual Pediatric Pulmonary Review, Children's Hospital and Health Centre, San Diego, California
July 1986	Invited Speaker, Plenary Session, 18th International Congress of Pediatrics, Honolulu, Hawaii
July 1986	Chairman, Symposium on Development of Respiratory Control, 13th International Congress of Physiology, Vancouver, BC
Sept 1986	Invited Speaker, Representing the American Thoracic Society, NIH Consensus Development Conference on Infantile Apnea & Home Monitoring, Washington
Nov 1986	Visiting Professor, University Hospital, Neonatal Intensive Care Unit "Bronchiolitis and Asthma", Cali, Columbia
Mar 1987	Invited Speaker, International Pediatric Pulmonary Workshop, Israel Society for Pediatric Pulmonology "Endogenous Opiates and the Control of Breathing", Jerusalem, Israel
May 1987	Invited Speaker, 24th Annual Convention of the Philippine Pediatric Society "Current Antimicrobial Therapy in Pneumonias", Manila, Philippines
May 1987	Invited Speaker, American Thoracic Society Annual Meeting "Bioengineering Aspects of Recording and Monitoring Respiratory Effort", New Orleans, Louisiana
June 1987	Invited Speaker, Canadian Association of Anatomists "The Fetal Alcohol Syndrome - Clinical and Research Perspectives", Winnipeg, Manitoba
Oct 1987	Chairman, NIH Workshop on "Neurobiology of the Development of Respiratory Control" Bethesda, Maryland
Oct 29-31, 1987	Chairman, International Symposium on Free Radicals in Health and Disease, Winnipeg, Manitoba
Jan 28-30, 1988	Invited Speaker, 6th Annual Apnea of Infancy Conference, Annenberg Center for Health Science, "Development of the Control of Breathing", Palm Springs
Mar 5-12, 1988	International Cystic Fibrosis and Satellite Pediatric Respiratory, "Normal Lung Growth following Antenatal Dexamethasone Treatment for Respiratory Distress Syndrome", Sydney, Australia
Apr 21-22, 1988	Visiting Professor, Charles T. Fried Pediatric Symposium, "Therapy of Asthma", Edmonton, Alberta
Apr 28-29, 1988	Invited Speaker, NAACOG, "Artificial Surfactant and the Treatment of Hyaline Membrane Disease", Winnipeg, Manitoba

Sept 28-30, 1988	Invited Speaker, 11th Bi-Annual Respiratory Disease Symposium, "Development of the Control of Breathing and Apnea from the Fetus to the Infant", "Update on Cystic Fibrosis" and "Infectious Upper Airway Obstruction", Vancouver, BC
May 20-25, 1989	Invited Speaker, 3rd Brazilian Meeting on Cystic Fibrosis, "Bronchial Asthma: New Drugs", Pathogenesis and Treatment of Infantile Apnea", and Respiratory Sequelae of the Neonatal Period", Porto Alegre (Brazil)
Sept 21-22, 1989	Visiting Professor, Dept. of Pediatrics, University of Western Australia, Perth,
Sept 27-29, 1989	Invited Speaker, Mater Week, Mater Miseracordia Hospital, Brisbane
Oct 19-20, 1989	Visiting Professor, Soviet Academy of Science, Moscow
Apr 7-9, 1990	Invited Lecturer, Child Health Beyond 1990, "Recent Advances in the Therapy of Childhood Asthma", "Surfactant Replacement Therapy for RDS" and "Apnoea in Infancy and Childhood", Hong Kong
Apr 1990	Fleischner Society, "Treatment of Cystic Fibrosis" and "Current Management of HMD", Scottsdale
May 1991	Fleischner Society, "Treatment of Cystic Fibrosis", Interlaken, Switzerland
Sept 1991	Invited Speaker, Canadian Thoracic Society, Quebec City, PQ
Sept 1992	Participant, Fetal Alcohol Syndrome Symposium, Vancouver, BC
May 7-9, 1992	Invited Speaker, Fleischner Society, "Relationship Between Response to Bronchodilator and Bronchial Hyperreactivity in Children with Asthma and Cystic Fibrosis", Montreal, PQ
May 22-25, 1994	Invited Speaker, American Thoracic Society, Boston, Massachusetts
May 21-24, 1995	Invited Speaker, American Thoracic Society, Seattle, Washington
June 18-22, 1995	Invited Speaker, European Cystic Fibrosis Conference, Brussels, Belgium
Sept 10-15, 1995	Invited Speaker, 21st International Congress of Pediatrics, Cairo, Egypt
April 9-12, 1996	Invited Speaker, XXX Annual Meeting of the Mexican Society of Respiratory Disease and Thoracic Surgery, "Pleural Effusions in Children" and "Cystic Fibrosis in Children", Cancun, Mexico
April 16 1996	Invited Speaker, Instituto Nacional de Pediatria, "State of the Art in the Management of Asthma", Mexico City, Mexico

April 17, 1996	Invited Speaker, Instituto Mexicano del Seguro Social Hospital de Pediatría, "State of the Art in the Management in Asthma, Mexico City, Mexico
June 6, 1996	Invited Speaker, 2nd International Congress on Pediatric Pulmonology, "Bronchodilator Therapy", Nice, France
February 27- March 3, 1997	Invited discussant, Canadian Cancer Society, Toronto
April 5, 1997	Participant, Mary Ellen Avery Event, Chilton Club, Boston MA
June 26-28, 1997	Course presenter, Fleischner Society, London, England, "Etiology and Treatment of Pleural Effusions in Children", "Cystic Fibrosis and Gene Therapy"
October 7-9, 1997	Invited speaker, Canadian Cardiovascular Society Convention, Winnipeg, "New Approaches to Treatment of Cystic Fibrosis"
April 23-25, 1998	Course presenter, Fleischner Society Annual Meeting, Washington, DC, "Treatment of Cystic Fibrosis"
May 28-31, 1998	Presenter, Canadian Asthma Consensus Conference, Niagara-on-the-Lake, ON, "Use of Ketotifen, Atrovent etc."
June 17-20, 1998	Invited speaker, 3rd International Congress on Pediatric Pulmonology, Monaco, France, "Interstitial Lung Disease"
April 18-21, 1999	Course presenter, Fleischner Society Annual Meeting, Tucson, AZ. "New therapies in Cystic Fibrosis."
May 26-28, 2000	Course presenter, Fleischner Society Annual Meeting, Kobe, Japan. "Adenovirus bronchiolitis and bronchiolitis obliterans."
May 13-16, 2001	Scientific Session, Fleischner Society Annual Meeting, Toronto. "Auditory detection of simulated crackles in breath sounds."
Sep 3-6, 2003	3 rd International Pediatric Course, Catholic University of Chile, Santiago, Chile. "Asthma-Pathophysiology and Treatment, Childhood TB, Acute Bronchiolitis, Post viral chronic lung disease.
Oct 26, 2003	Hong Kong Society of Pediatric Respiriology: 6 th Annual Scientific Meeting, Hong Kong. A) Bronchiolitis: Why treatment is not effective. B) Bronchiolitis Obliterans: Infant, child and adult.
Feb 28 - Mar 2, 2004	6 th International Congress of Pediatric Pulmonology (CIPP 6) Lisbon Portugal
Apr 12-16, 2004	63 rd National Congress of the Mexican Society of Pneumology & Thoracic Surgery

Oct 7, 2004

University of Saskatchewan, Visiting Professor. Grand Rounds, Chronic Bronchiolitis

BIBLIOGRAPHY:

PAPERS & EDITORIALS:

1. Chernick V. The history of medical hypnosis. *Univ Man Med J.* 30:4, 103-105 + 123, 1958.
2. Avery ME, Chernick V, Dutton RE, Permutt S. Ventilatory response to inspired carbon dioxide in infants and adults. *J Appl Physiol.* 18:895-908, 1963.
3. Chernick V, Avery ME. Spontaneous alveolar rupture at birth. *Pediatrics* 32:816-824, 1963.
4. Chernick V, Heldrich F, Avery ME. Periodic breathing of premature infants. *J Pediatr.* 64:330-340, 1964.
5. Dutton RE, Chernick V, Moses H, Bromberger-Barnea B, Permutt S, Riley RL. Ventilatory response to intermittent inspired carbon dioxide. *J Appl Physiol.* 19:931-936, 1964.
6. Lopez-Majano V, Chernick V, Wagner HN, Dutton RE. Comparison of radioisotope scanning and differential oxygen uptake of the lungs. *Radiology* 83:697-698, 1965.
7. Avery ME, Chernick V, Young M. Fetal respiratory movements in response to rapid changes of CO₂ in carotid artery. *J Appl Physiol.* 20:225-227, 1965.
8. Lopez-Majano V, Wagner HN, Jr, Tow D, Chernick V. Radioisotope scanning of the lungs in pulmonary tuberculosis. *JAMA.* 194:1053-1058, 1965.
9. Chernick V, Lopez-Majano V, Wagner HN, Dutton RE. Estimation of differential pulmonary blood flow by bronchspirometry and radioisotope scanning during rest and exercise. *Am Rev Respir Dis.* 92:958-962, 1965.
10. Hodson WA, Chernick V, Avery ME. A rebreathing method for measurement of carbon dioxide tension in newborn infants and children. *Lancet* 1:515-517, 1966.
11. Chernick V, Avery ME. Response of premature infants with periodic breathing to ventilatory stimuli. *J Appl Physiol* 21:434-440, 1966.
12. Lopez-Majano V, Wagner HN, Jr, Twining R, Tow D, Chernick V. Effect of regional hypoxia on the distribution of pulmonary blood flow in man. *Circ Res.* 18:550-557, 1966.
13. Chernick V, Hodson, WA, Greenfield, LG. Effect of chronic pulmonary artery ligation on pulmonary mechanics and surfactant. *J Appl Physiol* 21:1315-1320, 1966.
14. Wagner HN, Lopez-Majano V, Tow DE, Chernick V, Twining R. Factors influencing regional pulmonary blood flow in man. *Scand Respir Dis. (Suppl)* 62:59-72, 1966.

15. Menkes JH, Chernick V, Ringel B. Effect of elevated blood tyrosine on subsequent intellectual development of premature infants. *J Pediatr.* 69:583-588, 1966.
16. Brumley G, Chernick V, Hodson WA, Norman C, Fenner A, Avery ME. Correlations of mechanical stability, morphology, pulmonary surfactant and phospholipid content in the developing lamb lung. *J Clin Invest.* 46:863-873, 1967.
17. Greenfield LJ, Chernick V, Hodson WA, Brumley GW. Alterations in pulmonary surfactant following compression atelectasis, pulmonary artery ligation and reimplantation of the lung. *Ann Surg.* 166:109-117, 1967.
18. Dutton RE, Hodson WA, Davies DG, Chernick V. Ventilatory adaptation to a step change in PCO₂ at the carotid bodies. *J Appl Physiol.* 23:195-202, 1967.
19. Lopez-Majano V, Wagner HN, Twining RH, Chernick V. Time factor in the shifting of blood produced by unilateral hypoxia. *Am Rev Respir Dis.* 96:1190-1198, 1967.
20. Hodson WA, Fenner A, Brumley G, Chernick V, Avery ME. Cerebrospinal fluid and blood acid-base relationships in fetal neonatal lambs and pregnant ewes. *Respir. Physiol.* 4:322-331, 1968.
21. Twining RH, Lopez-Majano V, Wagner HN, Chernick V, Dutton RE. Effect of regional hypercapnia on the distribution of pulmonary blood flow in man. *Johns Hopkins Med J.* 123:95-103, 1968.
22. Hodson WA, Chernick V. Respiratory emergencies in the infant. *Hosp Med.* 5:18-29, 1969.
23. Pusey VA, Macpherson RI, Chernick V. Pulmonary fibroplasia following prolonged artificial ventilation of the newborn infant. *Can Med Assoc J.* 100:451-457, 1969.
24. Chernick V. Lobar blood flow and maturation of the fetal lamb lung. *Can J Physiol Pharmacol.* 47:657-661, 1969.
25. Chernick V. Hyaline membrane disease: Danger of a rational approach to therapy. *Minnesota Medicine* 52:1381-1384, 1969.
26. Chernick V. The pulmonary function laboratory: Role in the evaluation of pulmonary disease in children. *Minnesota Medicine* 52:1445-1448, 1968.
27. Pagtakhan RD, Faridy EE, Chernick V. Influence of arterial pressure on the initiation of respiration in fetal sheep. *Respir Physiol.* 8:98-107, 1969.
28. Macpherson RI, Cumming G, Chernick V. Unilateral hyperlucent lung in childhood: A complication of viral pneumonia. *J Can Assoc Radiol.* 20:225-231, 1969.
29. Chernick V, Reed M. Pneumothorax and chylothorax in the newborn period. *J Pediatr.* 76:624-632, 1970.
30. Chernick V, Raber MB. Electrical hazards in the newborn nursery. *J Pediatr.* 77:143-147, 1970.

31. Chernick V. Composition of the lung. *Biological Handbooks: Respiration and circulation* Eds. P.L. Altman and D.S. Dittmer, FASEB, 1970.
32. Cumming GR, Macpherson RI, Chernick V. Unilateral hyperlucent lung syndrome in children. *J Pediatr.* 78:250-260, 1971.
33. Pagtakhan RD, Faridy EE, Chernick V. Interaction between arterial PCO₂ and PO₂ in the initiation of respiration at birth. *J Appl Physiol* 30:382-387, 1971.
34. Bishop A, Israels LG, Chernick V, Israels E. Placental transfer of intravascular coagulation between mother and fetus. *Pediatr Res.* 5:113-125, 1971.
35. Vidyasagar D, Chernick V. Continuous positive transpulmonary pressure in hyaline membrane disease: A simple device. *Pediatrics* 48:296-299, 1971.
36. Chernick V, Macpherson RI. Respiratory syncytial and adenovirus infection of the lower respiratory tract in infancy. *Clinical Notes on Respiratory Disease (American Thoracic Society).* 10:3-11, 1971.
37. Mellins RB, Chernick V, Doershuk CF, Downes JJ, Sinclair JC, Waring WW. Respiratory care in infants and children. *Am Rev Respir Dis.* 105: 2-24, 1972.
38. Macpherson RI, Chernick V, Reed M. Complications of respiratory therapy in the newborn. *J Can Assoc Radiol.* 23:91-102, 1972.
39. Chernick V. Treatment of hyaline membrane disease: The era of CNP, CPAP and PEEP (Editorial) *Can Med Assoc J*, 1972.
40. Chernick V, Vidyasagar D. Continuous negative chest wall pressure in hyaline membrane disease: One year experience. *Pediatrics* 49:753-760, 1972.
41. Vidyasagar D, Chernick V. Placental transfer of metopirone. *Biol Neonate.* 21:471-474, 1972.
42. Chernick V, Havlicek V, Pagtakhan RD, Sklenovsky A. Respiratory response to electrical stimulation of the brain stem of fetal and neonatal sheep. *Pediatr Res.* 7:20-27, 1973.
43. Chernick V, Sklenovsky A, Pagtakhan RD, Havlicek V. The foetal and neonatal respiratory center: Focal stimulation and influence of anesthesia. *Acta Neurobiol Exp.* 33:311-317, 1973.
44. Chernick V. Continuous negative chest wall pressure therapy for hyaline membrane disease. *Pediatric Clinics in North America.* 30:407-417, 1973.
45. Chernick V. Continuous distending pressure in hyaline membrane disease: Of devices, disadvantages and a daring study. *Pediatrics.* 52: 114-115, 1973 (editorial).

46. Chernick V. Hyaline membrane disease: Therapy with constant lung distending pressure. *N Engl J Med.* 289: 302-304, 1973.
47. Chernick V, Jansen AH. Initiation of respiratory movements in fetal sheep by hypoxic stimulation of central chemoreceptors in fetal and neonatal physiology (*Barcroft Symposium*) Cambridge University Press, 1973, 213-216.
48. Jansen AH, Chernick V. Respiratory response to cyanide in fetal sheep after peripheral chemodenervation. *J Appl Physiol* 36:1-5, 1974.
49. Russell BJ, Nugent L, Chernick V. Effects of steroids on the enzymatic pathways of lecithin production in fetal rabbits. *Biol Neonate* 24:306-314, 1974.
50. Rosenbluth M, Chernick V. Influence of mist tent therapy on sputum viscosity and water content in cystic fibrosis. *Arch Dis Child.* 49:606-610, 1974.
51. Berg T, Pagtakhan RD, Reed M., Langston C, Chernick V. Bronchopulmonary dysplasia and lung rupture in hyaline membrane disease: Influence of continuing distending pressure. *Pediatrics* 55:51-54, 1975.
52. Chernick V. What to do about severe bronchiolitis. *Consultant* 15:165-166, 1975.
53. Havlicek V, Childiaeva R, Chernick V. EEG frequency spectrum characteristics of sleep states in full term and pre term infants. *Neuropaediatric* 6:24-40, 1975.
54. Chernick V, Faridy EE, Pagtakhan RD. Role of peripheral and central chemoreceptors in the initiation of fetal respiration. *J Appl Physiol* 38:407-410, 1975.
55. Havlicek V, Childiaeva R, Chernick V. Ontogeny of EEG power characteristics of quiet sleep period cerebral rhythm in preterm infants. *Neuropaediatric* 6:151-161, 1975.
56. Vidyasagar D, Chernick V. Effect of metopirone on the synthesis of lung surfactant in does and fetal rabbits. *Biol Neonate* 27:1-16, 1975.
57. Jansen AH, Chernick V. Site of central chemosensitivity in fetal sheep. *J Appl Physiol* 39:1-6, 1975.
58. Bahoric A, Chernick V. Electrical activity of the phrenic nerve and diaphragm in-utero. *J Appl Physiol* 39(4):513-518, 1975.
59. Jansen AH, Russell BJ, Chernick V. Respiratory effects of pH and dinitrophenol injections into the brain stem subarachnoid space of fetal lambs. *Can J Physiol and Pharmacol.* 53:726-733, 1975.
60. Russell BJ, Loesebrink, B, Chernick V. Enhanced fetal erythrocyte carbonic anhydrase activity by hydrocortisone. *Pediatr Res.* 10:779-782, 1976.
61. Avery ME, Chernick V. On decision making surrounding new drug therapy. *N Engl J Med.* 296:102-103, 1977.

62. Chernick V. The vulnerable small airway. *Pediatrics* 59(5): 783-785, 1977.
63. Chernick V, Streider D, Avery ME. Why intermittent positive pressure when normal inhalation will do? *J Pediatr.* 91:361-362, 1977.
64. Havlicek V, Childiaeva R, Chernick V. EEG frequency spectrum characteristics of sleep states in infants of alcoholic mothers. *Neuropediatric* 8:360-377, 1977.
65. Chernick V. Fetal breathing movements and the onset of breathing at birth. *Clin Perinatol.* 5:257-268, 1978.
66. Ioffe S, Havlicek V, Friesen H, Chernick V. Effect of somatostatin (SRIF) and L-glutamate on neurons of the sensorimotor cortex in awake habituated rabbits. *Brain Res.* 153:414-418, 1978.
67. Wohl MEB, Chernick V. Bronchiolitis (State of the Art). *Am Rev Respir Dis.* 118:759-781, 1978.
68. Madansky DL, Lawson EE, Chernick V, Taeusch WH. Pneumothorax and other forms of pulmonary air leak in newborn infants. *Am Rev Respir Dis.* 120:729-737, 1979
69. Chernick V, Madansky DL, Lawson EE. Naloxone decreases the duration of primary apnea with neonatal asphyxia. *Pediatr Res.* 14:357-359, 1980.
70. Fleetham JA, Clarke H., Dhingra S, Chernick V, Anthonisen NR. Endogenous opiates and chemical control of breathing in humans. *Am Rev Respir Dis.* 121:1045-1049, 1980.
71. Taussig LM, Chernick V, Wood R, Farrell P, Mellins RB. Standardization of lung function testing in children. *J Pediatr.* 97:668-676, 1980.
72. Ioffe S, Jansen AH, Russell BJ, Chernick V. Sleep, Wakefulness and the monosynaptic reflex in fetal and newborn lambs. *Pflug Arch.* 388:149-157, 1980.
73. Ioffe S, Jansen AH, Russell BJ, Chernick V. Respiratory response to somatic stimulation in fetal lambs during sleep and wakefulness. *Pflug Arch.* 388:143-148, 1980.
74. Haworth JC, Chernick V. The Children's Hospital of Winnipeg Research Foundation. *Can Med Assoc J.* 123:1233-1234, 1980.
75. Durand M, Leahy FN, MacCallum M, Cates DB, Rigatto H, Chernick V. Effect of feeding on the chemical control of breathing in the newborn infant. *Pediatr Res.* 15:1509-1512, 1981.
76. Chernick V. Endorphins and ventilatory control. *N Engl J Med.* 304:1227-1228, 1981 (Editorial).

77. Brown ER, Lawson EE, Jansen AH, Chernick V, Tauesch HW. Regular fetal breathing induced by pilocarpine infusion in the near-term fetal lamb. *J Appl Physiol: Respir Environ Exercise Physiol.* 50:1348-1352, 1981.
78. Wenman WM, Pagtakhan RD, Reed MH, Chernick V, Albritton W. Adenovirus bronchiolitis in Manitoba: Epidemiologic, clinical and radiologic features. *Chest* 81:605-609. 1982.
79. Jansen AH, Ioffe S, Russell BJ, Chernick V. Effect of carotid chemoreceptor denervation on breathing in utero and after birth. *J Appl Physiol: Respir Environ Exercise Physiol.* 51:630-633, 1982.
80. Haworth JC, Chernick V. Breast-feeding promotion in Manitoba. *Can Med Assoc J.* 126:639-642, 1982.
81. Jansen AH, Ioffe S, Russell BJ, Chernick V. Influence of sleep state on the response to hypercapnia in fetal lambs. *Respir Physiol.* 48:125-142, 1982
82. Chernick V, Craig RJ. Naloxone reverses neonatal depression caused by fetal asphyxia. *Science* 216:1252-1253, 1982.
83. Leahy FAN, Durand M, Cates, D, Chernick V. Cranial blood volume changes during mechanical ventilation and spontaneous breathing in newborn infants. *J Pediatr.* 101:984-987, 1982.
84. Sofer S, Chernick V. Increased need for tracheal intubation of croup in relation to bacterial tracheitis. *Can Med Assoc J.* 128:160, 1983.
85. Chernick V, Childiaeva R, Ioffe S. Effects of maternal alcohol intake and smoking on neonatal EEG and anthropometric measurement. *Am J Obstet Gynecol.* 146:41-47, 1983.
86. Jansen AH, Ioffe S, Chernick V. Drug induced changes in fetal breathing activity and sleep state. *Can J Physiol Pharmacol.* 61:315-324, 1983.
87. Chernick V. The brain's own morphine and cigarette smoking - junkie in disguise. *Chest* 83:2-4, 1983 (Editorial).
88. Jansen AH, Chernick V. Development of respiratory control. *Physiol Rev.* 63:437-483, 1983.
89. Sofer S, Duncan P, Chernick V. Bacterial tracheitis - an old disease rediscovered. *Clin Pediatrics* 22:407-411, 1983.
90. Ioffe S, Jansen AH, Chernick V. Chronic extracellular recording of fetal medullary neuronal activity. *J Appl Physiol: Respirat Environ Exercise Physiol.* 55:1361-1364, 1983.
91. Pasterkamp H, Fenton R, Leahy F, Chernick V. Spectral analysis of breath sounds in normal newborn infants. *Medical Instrument.* 17:355-357, 1983.

92. Ohmura E, Jansen AH, Chernick V, Winter J, Friesen HG, Rivier J, Vale W. Human pancreatic growth hormone releasing factor (hpGRF-1-40) stimulates GH release in the ovine fetus. *Endocrinology* 114:299-301, 1984.
93. DeBoeck C, Van Reempts P, Rigatto H, Chernick V. Naloxone reduces the decrease in ventilation induced by hypoxia in newborn infants. *J Appl Physiol: Respirat Environ Exercise Physiol.* 56:1507-1511, 1984.
94. Tal A, Pasterkamp H, Serrette C, Leahy F, Chernick V. Response to cold air hyperventilation in normal and in asthmatic children. *J Pediatr.* 104:516, 1984
95. Ioffe S, Childiaeva R, Chernick V. Prolonged effects of maternal alcohol ingestion on the neonatal electroencephalogram. *Pediatrics* 74:330-335, 1984.
96. Jansen AH, DeBoeck C, Ioffe S, Chernick V. Indomethacin induced fetal breathing - mechanism and site of action. *J Appl Physiol: Respirat Environ Exercise Physiol.* 57:360-365, 1984.
97. Ioffe S, Jansen AH, Chernick V. ECoG and Breathing activity in fetal lambs after undercut of the cerebral cortex. *J Appl Physiol: Respirat Environ Exercise Physiol.* 57:1195-1201, 1984.
98. Ioffe S, Jansen AH, Chernick V. Hypercapnia alters sleep state pattern. *Sleep* 7:219-222, 1984.
99. Pasterkamp H, Fenton R, Chernick V. Automated spectral characterization of wheezing in asthmatic children. *IEEE Trans Biomed Eng.* 32:50-55, 1985.
100. Tal A, Pasterkamp H, Chernick V. Endogenous opiates and responses to exercise in asthmatic children and adolescents. *Pediatr Pulmonol.* 1:46-51, 1985.
101. Pasterkamp H, Fenton R, Tal A, Chernick V. Interference of cardiovascular sounds with phonopneumonography in children. *Am Rev Respir Dis.* 131:61-64, 1985.
102. Pasterkamp H, Tal A, Leahy T, Fenton R, Chernick V. The effect of anticholinergic treatment on postexertional wheezing in asthma. Study by phonopneumonography and spirometry. *Am Rev Respir Dis.* 132:16-21, 1985.
103. Ioffe S, Jansen AH, Chernick V. Blockade of endogenous opiates in the ventral medulla induces wakefulness and continuous fetal breathing in exteriorized fetal sheep. In, *International Symposium: Physiological Development of Fetus and Newborn.* Eds. G.T. Jones and P.W. Nathanielsz. Academic Press, London. pp. 663-667, 1985.
104. Jansen AH, Ioffe S, Chernick V. Stimulation of fetal breathing activity by B-adrenergic mechanisms. *J Appl Physiol.* 60:1938-1945, 1986.
105. Ioffe S, Jansen AH, Chernick V. Effects of hypercapnia and hypoxia on fetal breathing after decortication. *J Appl Physiol.* 61:1071-1076, 1986.

106. Pagtakhan RD, Reed MH, Chernick V. Bronchiolitis in infancy: An antecedent of chronic lung disease in adolescence and adulthood? *J Thor Imaging* 1:34-40, 1986.
107. Pagtakhan RD, Reed MH, Chernick V. Cystic fibrosis in adolescent and adult lung. *J Thor Imaging* 1:41-48, 1986.
108. Chernick V. Lung rupture in the newborn infant. *Respiratory Care* 31:No. 7:628-635, 1986.
109. Ioffe S, Jansen AH, Chernick V. A novel analysis of fetal breathing. *Can J Physiol Pharmacol.* 65:191-200, 1987.
110. Ioffe S, Jansen AH, Chernick V. Maturation of spontaneous fetal diaphragmatic activity and fetal response to hypercapnia and hypoxemia. *J Appl Physiol.* 63:609-622, 1987.
111. Nagai A, Thurlbeck WM, DeBoeck C, Ioffe S, Chernick V. The effect of maternal CO₂ breathing on lung development of their fetuses - morphology and morphometric studies. *Am Rev Respir Dis.* 135:130-136, 1987.
112. Ioffe S, Chernick V. Maternal alcohol ingestion and the incidence of respiratory distress syndrome. *Am J Obstet Gynecol.* 156:1231-1235, 1987.
113. Nagai A, Thurlbeck WM, Jansen AH, Ioffe S, Chernick V. The effect of chronic biphrenectomy on lung growth and maturation in fetal lambs; morphology and morphometric studies. *Am Rev Respir Dis.* 137:167-172, 1988.
114. Jansen AH, Chernick V. Onset of breathing and control of respiration. *Sem Perinatol.* 12:104-112, 1988.
115. Wiebicke W, Poynter A, Montgomery M, Chernick V, Pasterkamp H. Effect of terfenadine on the response to exercise and cold air in asthma. *Ped Pulmonol.* 4:225-229, 1988.
116. Wiebicke W, Poynter A, Chernick V. Normal lung growth following antenatal dexamethasone treatment for respiratory distress syndrome. *Ped Pulmonol.* 5:27-30, 1988.
117. Chernick V, Manfreda J, DeBooy V, Davi M, Rigatto H, Seshia M. Clinical trial of naloxone in birth asphyxia. *J Pediatr.* 113:519-525, 1988.
118. Ioffe S, Chernick V. Development of the EEG between 30 and 40 weeks gestation in normal and alcohol exposed infants. *J Dev Med & Child Neurol.* 30:797-807, 1988.
119. Chernick V, Warshaw JB, Kiley JP. Developmental neurobiology of respiratory control. *Am Rev Respir Dis.* 139:1295-1301, 1989.
120. Jansen AH, Belik J, Ioffe S, Chernick V. Control of organ blood flow in fetal sheep during normoxia and hypoxia. *Am J Physiol.* 257, *Heart Circ Physiol.* 26, H1132-H1139, 1989.

121. Jansen AH, Ioffe S, Chernick V. Influence of naloxone on fetal breathing and the respiratory response to hypercapnia. *Respir Physiol.* 78:187-196, 1989.
122. Ioffe S, Chernick V. Prediction of subsequent motor and mental retardation in newborn infants exposed to alcohol in utero by computerized EEG analysis. *J Neuroped.* 20:84811-84817, 1990.
123. Jansen AH, Chernick V. Fetal breathing and development of control of breathing. *J Appl Physiol* 70:1431-1446, 1991.
124. Bibi H, Montgomery M, Pasterkamp H, Chernick V. Relationship between response to inhaled salbutamol and methacholine bronchial provocation in children with suspected asthma. *Ped Pulmonol.* 10:244-248, 1991.
125. Long W, Corbet A, Cotton R, Courtney S, McGuinness G, Walter D, Watts J, Smyth J, Bard H, Chernick V, and the American Exosurf Neonatal Study Group I, the Canadian Exosurf Neonatal Study Group. A controlled trial of synthetic surfactant in infants weighing 1250 g or more with respiratory distress syndrome. *N Engl J Med.* 325:1696-1703, 1991.
126. Avital A, Sanchez I, Holbrow J, Kryger M, Chernick V. Effect of theophylline on lung function tests, sleep quality and nighttime SaO₂ in children with cystic fibrosis. *Am Rev Respir Dis.* 144:1245-1249, 1991.
127. Avital A, Steljes DG, Pasterkamp H, Kryger M, Sanchez I, Chernick V. Sleep quality in asthmatic children treated with theophylline or Cromolyn Sodium. *J Pediatr.* 119:979-984, 1991.
128. Jansen AH, Ioffe S, Chernick V. Maturation of steady state CO₂ sensitivity in anesthetized vagotomized lambs. *J Appl Physiol.* 72:1255-1260, 1992.
129. Sanchez I, Chernick V. Bronchodilator therapy in Cystic Fibrosis. *Respirol.* 3:16-20, 1992.
130. Sanchez I, Holbrow J, Chernick V. Acute bronchodilator response to combination of beta-adrenergic and anticholinergic agents in patients with cystic fibrosis. *J Pediatr.* 120:486-488, 1992.
131. Avital A, Sanchez I, Chernick V. Efficacy of salbutamol and ipratropium bromide in decreasing bronchial hyperreactivity in children with cystic fibrosis. *Ped Pulmonol.* 13:34-37, 1992.
132. Sanchez I, Powell R, Chernick V. Response to inhaled bronchodilators and nonspecific airway hyperreactivity in children with cystic fibrosis. *Ped Pulmonol.* 14:52-57, 1992.
133. Ioffe S, Jansen AH, Chernick V. Analysis of respiratory neuronal activity in fetal sheep. *J Appl Physiol.* 73:1972-1981, 1992.

134. Sanchez I, DeKoster J, Powell RE, Wolstein R, Chernick V. Effect of racemic epinephrine and salbutamol on clinical scores and pulmonary mechanics in infants with bronchiolitis. *J Pediatr.* 122:145-151, 1993.
135. Avital A, Jansen AH, Sitar D, Chernick V. Influence of prolonged adenosine receptor blockade on fetal sleep and breathing patterns. *Respirat Physiol.* 91:227-236, 1993.
136. Ioffe S, Jansen AH, Chernick V. Fetal respiratory neuronal activity during REM and non-REM sleep. *J Appl Physiol.* 75(1):191-197, 1993.
137. Sanchez I, DeKoster J, Holbrow J, Chernick V. The effect of high doses of inhaled salbutamol and ipratropium bromide in patients with stable cystic fibrosis. *Chest* 104:842-46, 1993.
138. Sanchez I, Chernick V. ¿Cómo y cuándo estudiar a un niño con problemas pulmonares? *Pediatría al día* 9:141-147, 1993.
139. Yamsuan M, Sanchez I, Kesselman M, Chernick V. Morbidity and mortality patterns of ventilator dependent children in a home care program. *Clin Pediatr.* 32:706-713, 1993.
140. Jansen AH, Ioffe S, Chernick V. Effects of medullary lesions, vagotomy and carotid sinus denervation on fetal breathing. *Respirat Physiol.* 94:265-283, 1993.
141. McMillan D, Chernick V, Finer N, Schiff D, Bard H, Watts J, et al. Effects of two rescue doses of synthetic surfactant in 344 infants with respiratory distress syndrome weighing 750 to 1249 grams: A double-blind, placebo-controlled multicenter Canadian trial. *J Pediatr.* 126:S90-98, 1995.
142. Alkrinawi S, Chernick V. Pleural fluid in hospitalized pediatric patients. *Clin Pediatr.* 35:5-9, 1996.
143. Ioffe S, Jansen AH, Chernick V. Technique for repetitive recording from fetal respiratory neurons. *J Appl Physiol.* 80(3):1057-1060, 1996.
144. Jansen AH, Nance, DM, Liu P, Weisman H, Chernick V. Effect of sinus denervation and vagotomy on *c-fos* expression in the nucleus tractus solitarius after exposure to CO₂. *Pflügers Arch - Eur J Physiol.* 431:876-881, 1996.
145. Use of bronchodilator therapy in cystic fibrosis. *Ped Pulm* 1997;16:275.
146. Chernick V. Commentary. (Test for the concentration of electrolytes in cystic fibrosis of the pancreas utilizing pilocarpine by iontophoresis; auth: Gibson LE and Cooke RE. *Pediatrics*; 1959;24:545:545-549). *Pediatrics*; 1998;102(1):230-231.
147. Chernick V. Editorial. Long-term pulmonary function studies in children with bronchopulmonary dysplasia: An ever-changing saga. *J Pediatr* 1998;133:171-2.
148. Al-Sadoon H, Wiseman N, Chernick V. Recurrent thoracic duplication cyst with associated mediastinal gas. *Can Respir J.* 5(2):149-151, 1998.

149. Sharief N, Wiseman NW, Higgins M, and Chernick V. Abnormal flow-volume loop leading to the diagnosis of bronchogenic cyst. *Ped Pulmon* 1999;27:218-220.
150. Chernick V. Interstitial Lung Disease in Children: An Overview. *Ped Pulmon* 1999;18:30.
151. Nobert E. and Chernick V. Tuberculosis: 5. Pediatric Disease. *Can Med Assoc J* 1999; 160(10):1479-1482.
152. Effect of a soft Boston orthosis on pulmonary mechanics in severe cerebral palsy. Leopando MT, Moussavi Z, Holbrow J, Chernick V, Pasterkamp H and Rempel G. *Pediatr Pulm* 1999;28:53-58.
153. Fernandez Nievas F and Chernick V. Bronchopulmonary dysplasia: An Update for the Pediatrician. *Clinical Pediatrics*. 2002;41(2):77-85.
154. Chernick V and Mellins RB. Pediatric Pulmonology: A Developmental History in North America. *Ped Res* 2004; 55(3): 514-520.
155. Chernick V. How to get your paper rejected. *Ped. Pulmon* 2008;43:220-223.
156. Chernick V. How to get your paper accepted. *Pediatric Pulmonology Reviews*; April 2012

BOOKS:

1. Kendig EL, ed, Chernick V, associate ed. Disorders of the Respiratory Tract in Children, Third Edition, Philadelphia: WB Saunders, 1977.
2. Chernick V, guest editor. Onset and Control of Fetal and Neonatal Respiration. In: *Seminars in Perinatology*, Volume 1. New York: Grune and Stratton, October, 1977.
3. Thibeault DW, Gregory GA, eds. Neonatal Pulmonary Care with critical comments by Chernick V, Nelson N, Stern L. Menlo Park, California: Addison-Wesley Publishing Company, 1979.
4. Chernick V, guest editor. Seminars in Respiratory Medicine, Volume 1, No. 2, New York: Brian C. Decker Publisher, October, 1979.
5. Kendig EL, Chernick V, eds. Disorders of the Respiratory Tract in Children, Fourth Edition, Philadelphia: WB Saunders, 1983.
6. Burgess W, Chernick V. Respiratory Therapy In Newborn Infants and Children, First Edition, New York: Thieme-Stratton Inc, 1982.
7. Burgess W, Chernick V. Respiratory Therapy in Newborn Infants and Children, Second Edition, New York: Thieme-Stratton Inc, 1986.
8. Chernick V, editor. Kendig's Disorders of the Respiratory Tract in Children, Fifth Edition, Philadelphia: WB Saunders, 1990.

9. Chernick V, Mellins RB, eds. Basic Mechanisms of Pediatric Respiratory Disease: Cellular and Integrative, Toronto, Philadelphia: B.C. Decker Inc., 1991.
10. Chernick V, Boat TF , eds. Kendig's Disorders of the Respiratory Tract in Children, Sixth Edition, Philadelphia: WB Saunders. October 1998.
11. Haddad G, Abman S, Chernick V. eds. Chernick-Mellins Basic Mechanisms of Pediatric Respiratory Disease. Second Edition. BC Decker Inc., Hamilton and London, 2002.
13. Chernick V, Boat TF, Wilmott R, Bush A. Eds. Kendig's Disorders of the Respiratory Tract in Children. Seventh Edition. Philadelphia: Elsevier Saunders. 2006
14. Kendig & Chernick's Disorders of the Respiratory Tract in Children , 8th edition, In Press

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Modified May 14/2012