

CURRICULUM VITAE

**ZACHARIA REDA, M.D., FCCP, FAAP**

**Board Certification:** American Board of Pediatrics 1991  
American Subboard of Pediatric Critical  
Care Medicine 1994

**Business Administrative  
Address:** South Counties Pediatric Critical Care Medical Group  
Fountain Valley Regional Hospital & Medical Center  
Pediatric Intensive Care Unit Office  
17100 Euclid Street, Fountain Valley, CA 92708  
(714) 966-7253  
(714) 966-3354

**Office Address:** Newport Children's Medical Group  
1401 Avocado Street, Suite 802  
Newport Beach, CA 92660

Tel: (949) 644-0970  
Fax: (94) 644-0774

**Citizenship:** USA

**Professional Licensure:** California - A047947 1990  
California - SA23586 1994  
Federal DEA – BR2348490 1996

**Other Certifications:** Pediatric Critical Care Support Instructor(SCCM)2010  
Pediatric Advanced Life Support Instructor 1994  
Pediatric Advanced Life Support 1991  
Advanced Cardiac Life Support 1989  
Neonatal Resuscitation Provider (NRP) 1998

EDUCATION:

**Medical School:** Cairo University School of Medicine  
Cairo, Egypt, 1986

POST DOCTORAL TRAINING:

**July 1991 - June 1994** Pediatric Critical Care Fellow  
University of California, Los Angeles  
Memorial Miller Children's Hospital of Long Beach

**June 1989 - June 1991** Pediatric Resident  
University of Southern California  
LAC/USC Medical Center  
Los Angeles, CA

**July 1988 - June 1989** Pediatric Intern  
Albert Einstein School of Medicine  
Flushing Hospital Medical Center  
New York, NY

**January 1988 - June 1988**

Research Assistant  
Surgical Metabolism Research  
St. Luke's Hospital/Columbia University  
John Kral, M.D., Chief of Surgery  
Kings County Hospital/Downstate University  
New York, NY

**March 1986 - March 1987**

Transitional Intern  
Cairo University Hospital  
Cairo, Egypt

HONORS and AWARDS

- *Selected one of the "Best Doctors of America" in Pediatric Critical Care, 2013*
- *Selected one of the Best Doctors in California In the field of Pediatric Pulmonary and Critical Care as featured in Los Angeles Magazine, 2013*
- *Selected by the Orange County Medical Association (OCMA) as one of the top Doctor in Pediatrics, 2013*
- *Selected one of the Best Doctors in California In the field of Pediatric Pulmonary and Critical Care as featured in Los Angeles Magazine, 2013*
- *Selected by the Orange County Medical Association (OCMA) as one of he top Physicians in Pediatric Critical Care, 2012*
- *Selected one of the Best Doctors in California In the field of Pediatric Pulmonary and Critical Care as featured in Los Angeles Magazine, 2012*
- *Selected one of the Best Doctors in California In the field of Pediatric Pulmonary and Critical Care as featured in Los Angeles Magazine, 2011*
- *Selected by the Orange County Medical Association (OCMA) as one of he top Physicians in Pediatric Critical Care, 2011*
- *AMA Physician Recognition Award With Commendation 2005-2012*
- *AAP Physician Recognition Award 2006-2011*
- *Selected as one of the Best Doctors in California In the field of Pediatric Pulmonary and Critical Care as featured in Los Angeles Magazine, 2010.*
- *Selected as one of the Best Doctors in California In the field of Pediatrics and Critical Care as featured in Los Angeles Magazine, 2008 - 2009.*
- *Selected by the Orange County Medical Association (OCMA) as one of the top Physicians in Pediatric Critical Care, 2009*
- *Selected by the Orange County Medical Association (OCMA) as one of the top Physicians in Pediatric Critical Care, 2008*
- *Selected by the Orange County Medical Association (OCMA) as one of the top Physicians in Pediatric Critical Care, 2007*
- *Selected by the Orange County Medical Association (OCMA) as one of the top Physicians in Pediatric Critical Care, 2006*

- Selected by the Orange County Medical Association (OCMA) as one of the top Physicians in Pediatric Pulmonary and Critical Care, 2005
- Selected as one of America's Top Pediatricians in Pediatric Critical Care, 2004-2005
- Team member of the Month –Fountain Valley Regional Hospital 2003
- "Best Teacher of the Year" – Fountain Valley Regional Hospital 2002
- In-Training Abstract Award. Low Dose continuous nebulized albuterol (CNA) is as effective as high dose CNA in severe status asthmaticus was selected as one of five best in-training abstracts by the American Academy of Pediatrics. October 24, 1994. Award presented in Dallas, TX on October 24, 1994
- In-Training Abstract Award. Permissive hypercapnia (PH) in children with ARDS was selected as one of five best in-training abstracts by the American Academy of Pediatrics. Award presented in Dallas, TX on October 24, 1994.
- Graduated with honors in the top 5th percentile in the country from Medical School.

PROFESSIONAL EXPERIENCE:

- |                               |  |
|-------------------------------|--|
| <b>April 1997 - Present</b>   | South Counties Pediatric Critical Care Medical Group<br>Chief Executive Officer  |
| <b>1998 - Present</b>         | Newport Children's Medical Group<br>Chief Executive Officer  |
| <b>January 2012 – Present</b> | Chairman of Pediatrics Department<br>Fountain Valley Regional Hospital Medical Center<br>Fountain Valley, California                       |
| <b>2007 - 2010</b>            | Associate Clinical Professor of Pediatrics<br>University of California, Irvine<br>Orange, California                                       |
| <b>2005 – 2011</b>            | Vice Chairman of Department of Pediatrics<br>Fountain Valley Regional Hospital<br>Fountain Valley, CA                                      |
| <b>1998 – 2006</b>            | Assistant Clinical Professor of Pediatrics<br>University of California, Irvine<br>Orange, California                                       |
| <b>June 1997 – May 2011</b>   | Medical Director<br>Pediatric Critical Care & Pulmonary<br>Fountain Valley Regional Hospital Medical Center<br>Fountain Valley, California |
| <b>July 1997 - Present</b>    | Medical Director<br>"Pediatric Hospitalist Program"<br>Citrus Valley Medical Center - QOV Campus West Covina, California                   |

PROFESSIONAL EXPERIENCE:

- |                            |  |
|----------------------------|--|
| <b>May 1997 – May 1999</b> | Associate Director, PICU<br>Valley Presbyterian Hospital<br>Van Nuys, California |
|----------------------------|--|

- July 1994 - March 1997** Associate Director, Pediatric Critical Care Division  
Memorial Miller Children's Hospital  
Long Beach, California
- July 1994 - March 1997** Pediatric Pulmonary Attending  
Memorial Miller Children's Hospital  
Long Beach, California
- July 1994 - March 1997** Associate Director  
Pediatric Critical Care & Pulmonary  
St. Vincent Medical Center  
Los Angeles, California
- Associate Director  
Pediatric Critical Care & Pulmonary  
Fountain Valley Regional Hospital Medical Center  
Fountain Valley, California
- July 1994 - March 1997** Assistant Clinical Professor of Pediatrics  
University of California, Los Angeles  
Los Angeles, California
- Assistant Clinical Professor of Pediatrics  
University of California, Irvine  
Orange, California
- 1995 - 2005** PICU & Pulmonary Attending  
Valley Presbyterian Hospital  
Van Nuys, California
- 1991 - 1994** Pediatric Emergency Room Attending Physician  
University of Southern California / Los Angeles  
County Medical Center  
Los Angeles, California
- Pediatric Emergency Room Attending Physician  
Children's Hospital of Orange County  
Orange, California
- 1991 - 1994** Pediatric Intensive Care Unit Attending Physician  
University of Southern California / Los Angeles  
County Medical Center  
Los Angeles, California TEACHING:

House Staff Education:

- Pediatric Critical Care Fellows from the University of California, Los Angeles:
  - Supervision, educational seminars, research projects and patient care.
  - Pediatric Residents and Medical Students from the University of California, Irvine / Miller Children's Hospital:
    - Supervision and evaluation, developed programs and protocols to enhance patient care and resuscitation skills.
    - Supervision and teaching Residents and Medical students at Miller Children's Hospital PICU.
    - Noon lecture series Miller Children's Hospital UCI residents
    - Grand rounds Miller Children Hospital, Fountain Valley Regional Hospital

- Respiratory Therapists
  - Developed and trained staff on new ventilatory protocols which proved to be highly cost effective (see publications).
- Nursing Education:
  - CME seminars
  - Supervising nursing research projects
  - Established mock code program to enhance resuscitation skills
- Instructor, Pediatric Advanced Life Support, Memorial Miller Children's Hospital, University of California and Fountain Valley Regional Hospital.
- Developed Critical Care Pathways in asthma, respiratory failure and pulmonary diseases which proved to be highly cost effective methods of treatment.
- Developed educational seminars for outreach community hospitals.
- Preceptor for Nurse practitioner clinical rotations:
  - Azusa Nursing school
  - Cal State Long Beach
- Preceptor for Clinical rotations USC Med school
  - Physician assistant – advancement of programs

SOCIETY MEMBERSHIPS / UNIVERSITY AND MEDICAL CENTER COMMITTEES:

Fellow, American Academy of Pediatrics	1991-Present
Fellow, American College of Chest Physicians	1994-Present
American College of Physician Executive	2002-Present
Society of Critical Care Medicine	1991-Present
European Society of Critical Care Medicine	1999-Present
American College of Allergy, Asthma and Immunology	2005-Present
Institutional Review Board Committee for Research Long Beach Memorial Medical Center	1996-1999
Credentialing Committee Fountain Valley Regional Medical Center	1997-Present
Quality Assurance Committee Fountain Valley Regional Medical Center	1997-Present
Residency Coordinating Committee University of California, Irvine	1994-1996
PICU Careline Steering Committee Long Beach Memorial Medical Center	1994-1997
Pediatric ICU Care Line Committee Long Beach Memorial Medical Center	1994-1997
Pharmacy and Therapeutics Committee Long Beach Memorial Medical Center	1994-1997

Pediatric Medical Education Committee Long Beach Memorial Medical Center	1994-1997
Trauma Committee Long Beach Memorial Medical Center	1994-1997

SPECIAL INTERESTS:

- Asthma, Flexible Bronchoscopy and Pulmonary Medicine
- Ventilatory management of pediatric respiratory failure including new modes of ventilation, continuous airway graphic analysis and high frequency oscillation
- Pediatric Acute Respiratory Distress Syndrome

PUBLICATIONS:

**Peer Reviewed Articles and Research:**

- Reda Z, Houri S, Davis AL, Baum VC: Airway pressure does not affect Inferior vena cava (IVC) pressure as a valid measure of central venous pressure (CVP) in children. J Pediatr 1995;126:961-5.
- **Clinical Trial:** Schering Blough (BO3031): an open label screening protocol to determine the DES Loratadine metabolic phenotype of atopic pediatric subjects and pediatric subjects with CIU (ages < 2 yrs. to > 12 yrs.)  
PI – Kim, Kenneth, MD Sub PI – Reda, Zacharia, MD  
Initiated in: October 2002 through West Coast Clinical Trials
- **Clinical Trial:** Linezolid IV/PO vs. Vancomycin IV for the treatment of resistant gram positive bacterial infection in children.  
PI – Quaquandah, Paul MD, Sub PI – Reda, Zacharia, MD  
Initiated in: March 2001 through Fountain Valley Regional Hospital's IRB  
Drug Company: Pharmacia
- **Clinical Trial:** A randomized, double-blind, double-dummy, placebo-controlled, parallel group, multi-center clinical trial of four weeks treatment with SEREVENT inhalation aerosol, 25 mcgBID and placebo administered via a valved holding chamber with facemask in subjects with symptoms of asthma or reactive airway disease, age 6 to 23 months.  
Drug Company: GlaxoSmithKline Group of Companies  
Study Identifier: SM3077
- **Clinical Study:** The effect of ORTHO TRI-CYCLEN on bone mineral density in pediatric subjects with Anorexia-Nervosa: A double-blind, placebo-controlled study.  
Drug Company: Ortho-McNeil Pharmaceutical, Inc.  
Protocol CAPSS – 169; Phase II
- **Clinical Study:** A placebo-controlled comparison of the efficacy, safety and pharmacokinetics of the current US version of Pulmicort (Budesonine) Turbuhaler and the new version of Pulmicort (Budesonine) Turbuhaler in asthmatic children and adolescents

**Abstracts and Presentations:**

- Tseng A, Reda Z, Weiss L, Dugan JM. High frequency oscillation may be used effectively in pediatric patients with obstructive pulmonary disease. Accepted for presentation at the 27th Educational and Scientific Symposium of the Society of Critical Care Medicine February 1998.
- Reda Z, Tseng A, Weiss I, Liu P, Dugan JM. Permissive ventilation combined with high frequency oscillation is an effective strategy in pediatric patients with ARDS. Accepted for presentation at the 27th Educational and Scientific Symposium of the Society of Critical Care Medicine February 1998.
- Reda Z, Sibai A, Maggi JC. Predictors of barotrauma in pediatric acute respiratory distress syndrome. Crit Care Med 1997;25(1);A101. Presented at the 7th World Congress of Intensive & Critical Care Medicine, Ottawa, Canada.
- Tseng A, Reda Z, Weiss L, Dugan JM. High frequency oscillation may be used effectively in pediatric patients with obstructive pulmonary disease. Presented at the Critical Care Coloquim, Hot Springs, AK, September, 1997.

**Abstracts and Presentations:**

- Reda Z, Tseng A, Weiss I, Liu P, Dugan JM. Permissive ventilation combined with high frequency oscillation is an effective strategy in pediatric patients with ARDS. Presented at the Critical Care Coloquim, Hot Springs, AK, September, 1997.
- Reda Z, Maggi JC, Permissive Hypercapnia: a cost effective strategy that reduces mortality in pediatric ARDS. Crit Care Med 1997;25(1);A29. Presented at the 7<sup>th</sup> World Congress of Intensive & Critical Care Medicine, Ottawa, Canada.
- Reda Z, Maggi JC, Torero L, Fam H, Chin TW. Permissive ventilation reduces morbidity in RSV induced respiratory failure. Crit Care Med 1997;25(1);A101. Presented at the 7th World Congress of Intensive & Critical Care Medicine, Ottawa, Canada.
- Reda Z, Maggi JC, Fam H, Boctor W, Chin TW. Predictors of mortality in pediatric acute respiratory distress syndrome (ARDS). Presented at the Critical Care Colloquim in Milwaukee, Wisconsin, September, 1996.
- Botero C, Reda Z, Mendoza P, David A, Harrison R: Pressure limited ventilation with permissive hypercapnia (PH) in children with ARDS. Crit Care Med 1995; 23(1);188.
- Reda Z, Maggi JC, Erian C, Chin TW: Predictors of failure of high frequency oscillation (HFO) in pediatric patients with severe adult respiratory distress syndrome (ARDS). CHEST 108(3);138S. Presented at the Critical Care Colloquium, Georgia, September 1995.
- Reda Z, Maggi JC, Erian C, Chin TW: High frequency oscillation (HFO) in respiratory syncytial virus (RSV) induced severe pediatric adult respiratory distress syndrome (ARDS). CHEST 108(3);138S. Presented at the Critical Care Colloquium, Georgia, September 1995.
- Panish C, Reda Z, Brown-Ramirez B, Houri S, Chin TW, Maggi JC: Bedside transpyloric feeding tube placement is efficacious in critically ill children. Presented at the Critical Care Colloquium, Georgia, September 1995.
- Reda Z, Roberto LY, Davis AL, Newton T: Low Dose continuous nebulized albuterol (CNA) is as effective as high dose CNA in severe status asthmaticus. Crit Care Med 1995; 23(1);183. Presented at the Society of Critical Care Medicine

meeting in San Francisco, California, January 1995.

- Reda Z, Boctor W, Maggi JC, Mendoza P, Davis AL, Chin T: Predictors of mortality in ARDS. *Crit Care Med* 1995; 23(1);201. Presented at the Society of Critical Care meeting in San Francisco, California, January 1995.
- Botero C, Reda Z, Mendoza P, Davis A, Harrison R: Permissive hypercapnia (PH) in children with ARDS. Presented at the Critical Care Colloquium, Georgia, October 1994.
- Reda Z, Houri S, Davis AL, Baum VC: Airway pressure does not affect inferior vena cava (IVC) pressure as a valid measure of central venous pressure (CVP) in children. *Ped Res* 1994;35(#4 part 2);57A. Presented at the Annual Meeting of Anesthesiology, October 1994 and the Annual Meeting of the Society for Pediatric Research in Seattle, Washington, May 1994.
- Reda Z, Roberto LY, Davis AL, Newton T, Maggi, JC, Nussbaum E: High dose continuous nebulized albuterol (CNA in asthmatic children. *Ped Res* 1994;35(#4 part 2);57A.

#### **National Presentations:**

- High frequency oscillation may be used effectively in pediatric patients with obstructive pulmonary disease. Presented at the Critical Care Colloquium, Hot Springs, AK, September 1997.
- Permissive ventilation combined with high frequency oscillation is an effective strategy in pediatric patients with ARDS. Presented at the Critical Care Colloquium, Hot Springs, AK, September 1997.
- Permissive ventilation reduces morbidity in RSV induced respiratory failure. 7th World Congress of Intensive & Critical Care Medicine, Ottawa, Canada. July 1997.
- Permissive ventilation reduces morbidity in RSV induced respiratory failure. 26th Educational and Scientific Symposium of the Society of Critical Care Medicine, San Diego, California, February 1997.
- Predictors of barotrauma in pediatric acute respiratory distress syndrome. 26th Educational and Scientific Symposium of the Society of Critical Care Medicine, San Diego, California, February 1997.
- Permissive Hypercapnia: a cost effective strategy that reduces mortality in pediatric ARDS. 26th Educational and Scientific Symposium of the Society of Critical Care Medicine, San Diego, California, February 1997.
- Permissive Hypercapnia: a cost effective strategy that reduces mortality in pediatric ARDS. Critical Care Colloquium in Milwaukee, Wisconsin, September 1996.
- Predictors of mortality in pediatric acute respiratory distress syndrome (ARDS). Critical Care Colloquium in Milwaukee, Wisconsin, September 1996
- Predictors of failure of high frequency oscillation (HFO) in pediatric patients with severe adult respiratory distress syndrome (ARDS). American College of Chest Physicians, New York, October 1995.
- High frequency oscillation (HFO) in respiratory syncytial virus (RSV) induced severe pediatric adult respiratory distress syndrome (ARDS). American College of Chest Physicians, New York, October 1995
- Low Dose continuous nebulized albuterol (CNA) is as effective as high dose CNA in severe status asthmaticus. Presented at the American Academy of Pediatrics meeting in Dallas, Texas, October 24, 1994.



- *Pressure limited ventilation and permissive hypercapnia in children with ARDS. Presented at the American Academy of Pediatrics meeting in Dallas, Texas, October 24, 1994.*
- *Airway pressure does not affect inferior vena cava (IVC) pressure as a valid measure of central venous pressure (CVP) in children. American Academy of Pediatrics meeting in Dallas, Texas, October 24, 1994.*
- *Low Dose continuous nebulized albuterol (CNA) is as effective as high dose CNA in severe status asthmaticus. Pediatric Critical Care Colloquium, Seattle, WA September 1994.*
- *Permissive hypercapnia (PH) in children with ARDS. Pediatric Critical Care Colloquium, Seattle, WA, September 1994.*

**Invited Lectureships:**

*Miller Children's Hospital, Pediatric airway management October 2010*

*Difficult Airway, FVRH, March 2010*

*HealthBridge Children's Hospital, Bronchoscopy and Airway, July 2009*

*HealthBridge Children's Hospital, Mock Code: "Golden Hour", June 2009*

*HealthBridge Children's Hospital, Bronchoscopy and Conscious Sedation, May 2009*

*Miller Children's Hospital, Difficult Airway, March 2009*

*Grand Rounds, FVRH, Recent Advances in Management of Septic Shock Medicine, March 2008*

*Miller Children's Hospital, Pediatric ARDS, October 2007*

*Grand rounds, FVRH, Recent Advances in Respiratory Failure, March 2005*

*University of California, Irvine, Pediatric ARDS, February 2004*

*Grand rounds, FVRH, RSV Update December 2003*

*Grand rounds, FVRH, Pediatric Asthma Update September 2003*

*Astra Zeneca Speaker Program: February & October 2001*

*Critical Care 2000: Grand Rounds, November 2000*

*Asthma Update in Children: Costa Mesa, CA, July 2000*

*Septic Shock in Pediatrics: University of California Irvine, May 2000*

*Early Recognition and Management of Sepsis: Fountain Valley Regional Hospital, November 1999*

*ARDS in the New Millenium: Grand Rounds, Fountain Valley Regional Hospital, October 1999*

*Pediatric Intensive Care Unit Lecture Series: Metabolic Disorders: Fountain Valley Regional Hospital, September 29, 1999*

*Pediatric Intensive Care Unit Lecture Series: Fountain Valley Regional Hospital, August 18, 1999*

*Pediatric Mechanical Ventilation – Year 2000: Fountain Valley Regional Hospital, May 25, 1999.*

*Pediatric Mechanical Ventilation – Year 2000: Fountain Valley Regional Hospital, May 11, 1999.*

*Grand Rounds: ARDS 1997; Can we do better? Fountain Valley Regional Hospital, December 4, 1997.*

*Grand Rounds: ARDS 1997; Can we do better? University of California Irvine Medical Center, October 5, 1997.*

*Pediatric Advanced Life Support: Recognition of shock and respiratory failure and prevention of cardiac arrest. Fountain Valley Regional Hospital, October 1997.*

*Pediatric Advanced Life Support: Recognition of shock and respiratory failure and prevention of cardiac arrest. Fountain Valley Regional Hospital, September 1997.*

*Grand Rounds: ARDS 1996; Can we do better? Memorial Miller Children's Hospital, November 22, 1996*

*New Modes of Ventilation in Pediatric Respiratory Failure. Memorial Miller Children's Hospital, October 1996.*

*Pediatric Advanced Life Support: Recognition of shock and respiratory failure and prevention of cardiac arrest. Memorial Miller Children's Hospital, October 1996.*

*Airway graphic analysis during mechanical ventilation. Memorial Miller Children's Hospital. July 1996*

*Pediatric Advanced Life Support: Cardiac rhythm disturbances. Memorial Miller Children's Hospital, June 1996.*

*Acute management of head trauma. Memorial Miller Children's Hospital, June 1996.*

*Management of Status Asthmatics. Fountain Valley Regional Medical Center, June 1996.*

*Head Trauma. Memorial Miller Children's Hospital. April 1996.*

*Pediatric Advanced Life Support: Recognition of shock and respiratory failure and prevention of cardiac arrest. Memorial Miller Children's Hospital, October 1995.*

*Continuous airway monitoring during mechanical ventilation. Memorial Miller Children's Hospital, 1995.*

*Mechanical Ventilation in pediatric respiratory failure. UCLA, July 1995*

*Pain management in the Pediatric Intensive Care Unit. UCLA, July 1995*

*Pediatric Advanced Life Support: Cardiac rhythm disturbances. Memorial Miller Children's Hospital, June 1995.*

*Pediatric Advanced Life Support: Cardiac rhythm disturbances. Memorial Miller Children's Hospital, February 1995.*

*Near Drowning. Memorial Miller Children's Hospital. October 1994*

*Pediatric Advanced Life Support: Recognition of shock and respiratory failure and prevention of cardiac arrest. St. Vincent Medical Center, October 1994*

*Pediatric Advanced Life Support: Recognition of shock and respiratory failure and prevention of cardiac arrest. Memorial Miller Children's Hospital, October 1994.*

*Pediatric Advanced Life Support: Cardiac rhythm disturbances. Memorial Miller Children's Hospital, October 1994.*

*Mock Codes. Memorial Miller Children's Hospital, August 1994.*

*Electrolyte Imbalance. Memorial Miller Children's Hospital, July 1994.*

*Apnea and SIDS in Children. Memorial Miller Children's Hospital, May 1994.*

*Electrolyte Imbalance. Memorial Miller Children's Hospital, May 1994.*

*Management of Increased Intracranial Pressure. Memorial Miller Children's Hospital, February 1994.*

*Pediatric Emergency Airway Management. University of California, Los Angeles and Memorial Miller Children's Hospital, July 1993.*

*Pediatric Adult Respiratory Distress Syndrome. University of California, Los Angeles and Memorial Miller Children's Hospital, April 1993.*

*Pediatric Adult Respiratory Distress Syndrome. University of California, Los Angeles and Memorial Miller Children's Hospital, March 1992.*

*Hepatic Failure. Memorial Miller Children's Hospital, January 1992.*

*Reye's Syndrome. Memorial Miller Children's Hospital, November 1991.*

SPECIAL TRAINING AND CONTINUING MEDICAL EDUCATION:

- *American Collage of Chest physicians, Pediatric Pulmonary celebration Newport Beach April 2013*
- *SCCM 2013 Critical Care Congress January 2013 Puerto Rico*
- *Pediatric Critical Care Colloquium 2012 Santa Monica, CA 10.19.2012*
- *SCCM 2012 February 2012 Houston Texas*
- *SCCM 2012 Houston Texas 2-8-2012*
- *Complex congenital heart Disease, San Diego, CA 1-21-2012*
- *CRRT, International Conference on Renal Replacement, San Diego, CA, February 2011*
- *Society of Critical Care Medicine 40th Congress San Diego January 14th – 19th 2011*
- *American College of Chest Physicians, Chest 2010 Vancouver, Canada October 29 – Nov 4 2010*
- *American Academy of Physicians, Current Advances in Pediatrics, Irvine CA October 22 – 24<sup>th</sup> 2010*
- *American Academy of Pediatrics National Conference and exhibition San Francisco CA, October 2010*
- *Society of Critical Care Medicine 39<sup>th</sup> Congress, Miami, January 2010*
- *American College of Chest Physicians, Chest 2009, San Diego, CA, October 31-November 8, 2009*
- *American Academy of Pediatrics, Current Advances in Pediatrics, Irvine, CA October 9- 11, 2009*
- *University of South Florida, 14<sup>th</sup> Annual Meeting of the American Telemedicine Association, Las Vegas, NV, April 26-28, 2009*

- *American College of Chest Physicians, Pediatric Pulmonology, Scottsdale, AZ, April 3-5 2009*
- *American Academy of Pediatrics, Current Advances in Pediatrics, Irvine, CA October 31- November 2, 2008*
- *American College of Chest Physicians, Celebration of Pediatric Pulmonology, Fort Lauderdale, FL, April 4-6 2008*
- *Society of Critical Care Medicine, Critical Care Congress, Honolulu, Hawaii, February 2-6, 2008*
- *American Academy of Pediatrics, National Conference & Exhibition, San Francisco, CA, October 26-30, 2007*
- *American Academy of Pediatrics, Current Advances in Pediatrics, Irvine, CA October 12-14 2007*
- *American Academy of Pediatrics, Current Advances in Pediatrics, Irvine, CA October, 20-22, 2006*
- *Annual Meeting – American College of Allergy, Asthma and Immunology, Anaheim, CA, November, 2005*
- *American Academy of Pediatrics, Current Advances in Pediatrics, Irvine, CA, October, 2005*
- *Pediatric Pulmonary Conference, Oakland, Ca, November 2003*
- *American Academy of Pediatrics, Current Advances in Pediatrics, October 10-12 2003*
- *Asthma Faculty Meeting (Astra Zeneca), Dana Point, California, June 2003*
- *Current Advances in Pediatrics, Irvine, California, October 2002*
- *Pediatric Trauma Conference, San Diego, California, October 2002*
- *Asthma Faculty Meeting (Astra Zeneca), San Francisco, California, June 2002*
- *Current Concepts in Pediatric Critical Care, San Diego, California, February 2002*
- *Society of Critical Care Medicine, San Diego, California, February 2002*
- *Current Advances in Pediatrics, Irvine, California, October 2001  
Food Allergy Workshop, Advances in AOM Outcome Workshop*
- *Current Concepts in Pediatric Critical Care, San Francisco, California, February 2001*
- *Society of Critical Care Medicine, San Francisco, California, February 2001*
- *Pediatric Critical Care Colloquium, Montreal, Canada, June 2000*
- *Current Advances in Pediatrics, AAP, Irvine, CA October 2000*
- *Glaxo Welcome Speaker Training Program, Bermuda, April 9-11, 2000*
- *American College of Chest Physicians, Celebration of Pediatric Pulmonology 2000, Coronado, CA, March 31 – April 2, 2000*
- *Society of Critical Care Medicine, Orlando, Florida, February 2000*

- *Current Concepts in Pediatric Critical Care, Orlando, Florida, February, 2000*
- *American Academy of Pediatrics Annual Meeting, Washington D.C., October 1999*  
*Taping, Splinting and Casting Workshop*  
*The Ultimate Asthma Gadget Workshop*  
*Hands-On Exam/Common Sports Injuries Workshop*
- *American Academy of Pediatrics Annual Meeting & Spring Session, 1998*
- *Pediatric Critical Care Colloquium, Hot Springs, Arkansas, September 1997*
- *7<sup>th</sup> World Congress of Intensive and Critical Care Medicine, Ottawa, Canada, July 1997*
- *Society of Critical Care Medicine Meeting, San Diego, California, February 1997*
- *Pediatric Critical Care Colloquium, Wisconsin, 1996*
- *American College of Chest Physicians Meeting, New York, NY, October 1995*
- *Pediatric Critical Care Colloquium, Atlanta, GA, September 1995*
- *Society of Critical Care Medicine Meeting, Orlando, FL, January 1995*
- *American Academy of Pediatrics Annual Meeting, Dallas, TX, October 1994*
- *Pediatric Critical Care Colloquium, Seattle, WA, October 1994*
- *Society for Pediatric Research Meeting, Seattle, WA, April 1994*
- *Society of Critical Care Medicine Meeting, San Francisco, CA, January 1994*
- *Controversies In Critical Care Medicine, Phoenix, AZ, December 1993*
- *Society of Critical Care Medicine Meeting, New York, NY, June 1993*
- *Care Of The Sick Newborn, Long Beach, CA March 1993*
- *National Conference On Pediatric Head Trauma, San Diego, CA 1992*
- *Seizure Disorders In The Pediatric Population, Los Angeles, CA, October 1991*

POST GRADUATE COURSES:

- *Management of sleep disorder breathing, ACCP Northbrook April 2013*
- *Advanced Echo and ultrasound ACCP Atlanta, Georgia October 2012*
- *AACP Online Course FOCUS Echo Course Houston, TX 2.27.2012*
- *ACCP Fundamentals of Bronchoscopy New Orleans 2.10.2012*
- *Current advanced in Pediatric Critical Care, Houston TX February 2012*

- *American College of Chest Physicians, Critical Care Echocardiography, Northbrook, Illinois, September 24-25 2011*
- *American College of Chest Physicians, Pleural and Vascular/ Lung Ultrasound, Northbrook, Illinois, September 22-23 2011*
- *Pediatric Sedation Seminar San Francisco, CA September 2011*
- *Difficult Airway workshop San Francisco, CA September 2011*
- *UCLA Respiratory and Critical Care, Practicum in Exercise Testing and Interpretation, Torrance CA, March 24-26, 2011*
- *AAP Chapter Four Advances in Pediatric Nutrition, Workshop, March 3, 2011*
- *CRRT Fundamentals Workshop for Pediatrics, San Diego February 2011*
- *Pulmonary function test simulation Workshop ACCP, Vancouver Canada, November 2010*
- *Sleep workshop simulation ACCP, Vancouver Canada November 2010*
- *Bronchoscopy Workshop, ACCP Vancouver Canada, November 2010*
- *Pediatric Sedation and difficult airway management October 31<sup>st</sup> – November 4<sup>th</sup> 2010*
- *Society of Critical Care Medicine Fundamentals of Critical Care Ultrasound July 25<sup>th</sup> – 26, 2010*
- *Society of Critical Care Medicine, Clinical Focus: Hypothermia- Keeping It Cool, Pasadena, CA, April 22-23 2010*
- *Society of Critical Care Medicine, Pediatric Fundamental Critical Care Support Provider course Miami, FL, January 8-13, 2010*
- *Difficult Airway ACCP Simulation, November 2009*
- *Sleep Medicine Lab, ACCP, November 2009*
- *ACCP Pulmonary Function and Cardiopulmonary Exercise Testing (A 2009 case-Based Practicum), November 2009*
- *ACCP Pulmonary Vascular Disease/ Pulmonary Hypertension, October 2009*
- *ECMO Training Course Clinical Specialist, August 2009*
- *American Academy of Pediatrics, The Developmental Screening Early Intervention Demonstration Project, May 2, 2009*
- *Bronchoscopy simulation workshop San Diego, CA 2009*
- *Pediatric Multiprofessional Review Course, Cleveland, December 2008*
- *Society of Critical Care Medicine, Airway Management, October 3, 2008*
- *Society of Critical Care Medicine, Pediatric Multiprofessional Critical Care Review Course, Chicago, IL, August 3-9, 2008*

- *University of California, Irvine Medical Center, Interventional Bronchoscopy Step by Step, Orange, CA, January 21-23, 2008*
- *Society of Critical Care Medicine, The Cutting Edge of Sepsis Therapies Current Concepts of Pediatric Critical Care, Honolulu HI, January 2008*
- *The Institute for Medical Studies, Modern Approaches to Fluid Resuscitation: Modes, Metrics and Maximization, San Diego, CA , September 15, 2007*
- *Pediatric Critical Care review course Chicago Illinois, August 2007*
- *Children's Hospital of Los Angeles, Pediatric Pain Symposium, Los Angeles, CA September, 2005*
- *National Jewish Medical & Research Center, Asthma, Los Angeles, CA, September, 2005*
- *Mechanical Ventilation Strategies symposium, Duke, NC, June, 2005*
- *Mechanical Ventilation Strategies symposium, NY, SCCM, June, 2004*
- *Society of Critical Care Medicine: 3<sup>rd</sup> Summer Conference in Intensive Care Medicine, June 2004*
- *American College of Physician Executive, Las Vegas, NV, "Managing Physician Performance" April 2004*
- *American Academy of Pediatrics, "ADHD WORKSHOP-PART II", August 2003*
- *American College of Physician Executives, San Diego, California, April 2002  
Practice Management Workshop  
Finance & Business Development*
- *Ventilation Strategies in ARDS, SCCM, San Diego, CA, February, 2002*
- *Ventilation Strategies in Children, 3<sup>rd</sup> World Congress on Pediatric Intensive Care, Montreal, Canada, June, 2000*
- *Traumatic Brain Injury Workshop, 3<sup>rd</sup> World Congress on Pediatric Intensive Care, Montreal, Canada, June, 2000*
- *Pediatric ARDS, 2000 World Congress in Montreal, Canada, June, 2000*
- *Pulmonary Function Tests in Children, San Diego, CA, March, 2000;*
- *Pediatric Asthma, San Diego, CA, March, 2000*
- *Mechanical Ventilation Workshop, Orlando, Florida, January, 2000*
- *University of California, San Diego School of Medicine, Wound Management Workshop, May 19-22, 1999*
- *Mechanical Ventilation Workshop; 7th World Congress of Intensive and Critical Care Medicine, Ottawa, Canada, July, 1997*
- *Nitric Oxide Workshop; 7th World Congress of Intensive and Critical Care Medicine, Ottawa, Canada, July, 1997*

- *ARDS Workshop; 7th World Congress of Intensive and Critical Care Medicine, Ottawa, Canada, July, 1997*
- *Post Graduate Course in Pathophysiology & Advances of Acute Lung Injury, San Diego, California, February, 1997*
- *Society For Airway Management Annual Scientific Meeting. Difficult Airway Workshop, Newport Beach, C, September, 1996*
- *Post Graduate Course: Difficult Airway Workshop, Newport Beach, CA September, 1996*
- *New ventilatory modes workshop, San Francisco, CA, January 1995*
- *Post Graduate Course in Research Design, San Francisco, CA, January, 1995*
- *Post Graduate Course: Flexible Fiberoptic Bronchoscopy Course, Chapel Hill, NC, August, 1994*
- *Pediatric critical care review course, Orlando, FL, January, 1994*
- *Post graduate course: Molecular biology, January, 1994*
- *Pediatric critical care review course, New York, NY, June, 1993*
- *Post graduate course: Cardiovascular system monitoring & treatment, June, 1993*