

Mahmood Alasmi, MD, MS, FAAP
Clinical Associate Professor of Pediatrics
 2618 Legacy Preserve DR SE, Brownsboro, AL 35741

Personal Details

Nationality: US Citizen

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 (469) 230-0284 (business)
 (256) 429-4193 (work)
 (888) 204-3603 (office fax)

Marital Status: Married with four children



Professional Profile

I consider myself a very lucky man working as a neonatologist and spending most of my time with such small creatures, helping them to recover, grow and become real angels

I finished my Pediatric residency at Hahnemann University Hospital/ Drexel University in Philadelphia Pennsylvania (1990-1993), followed by a Neonatal-Perinatal fellowship at The Children Hospital of Cincinnati, and University of Cincinnati, Cincinnati, OH (1993-1996). During my Fellowship at The University of Cincinnati I was granted a Clinical Research Fellowship at the Department of Environmental Health (1997-2000). I obtained a Master Degree in Epidemiology and Biostatistics (2000) from the Department of Environmental Health, University of Cincinnati.

- **Experienced Neonatologist for 25 years** in both private and academic neonatology practices in all levels from Level 1 to Regional Medical Centers (Level IIIC).
- **Board certified** in both Pediatrics (1993) and Neonatal-Perinatal Medicine (1997). Recertified till 2021 (NPM) and 2022 (Pediatrics)
- Associate Professor of Pediatrics/Neonatology.
- 20 years' experience as Medical Expert witness.
- 20 years' experience as Neonatal-Perinatal locum
- **Master of Science in Epidemiology & Biostatistics**, University of Cincinnati.
- Served as a **medical director** for the last 15 years revising care management plans and standards for large national and international corporations
- Medical license in 12 states (PA, OH, KY, IA, TX, MI, VA, AZ, AL, FL, NC and ND)
- Honored member - Strathmore's Who's Who in Medicine
- Honored member - Strathmore's Who's Who in Business
- More than 110 National and International presentations
- More than 20 Abstract, presentation and articles in Peer-reviewed journals
- **Excellent administrative and communication skills**

Current Employment

- Medical Director and Attending Neonatologist
Crestwood Medical Group, Neonatology
Crestwood Medical Center
One Hospital Drive
Huntsville, AL 35801
February 2016 – present
- Clinical Associate Professor of Pediatrics
VCOM, Auburn Campus
August 2017 - present
- Medical Director Neonatal Experts, PLLC
September 2012 – present

Education History

09/1978- 12/1984	Ain Shams University, School of Medicine Cairo Egypt M.B., B.Ch, Cum Laude
Jan 1990	FMGEMS (Certificate # 403-453-4)
Jan 1990	FLEX (Certificate # 610727008)
Oct 1993	Diplomat American Board of Pediatrics <u>2001</u> Recertification <u>2009</u> Recertification <u>2014</u> Recertification 2021 Recertification
Nov 1997	Diplomat American Board of Pediatrics Sub board of Neonatal - Perinatal Medicine <u>2005</u> Recertification <u>2014</u> Recertification 2021 Recertification
May 2000	Master of Science in Epidemiology and Biostatistics University of Cincinnati, Cincinnati, Ohio

Training History

Rotating Internship
Ain Shams University Hospitals, Cairo, Egypt
March 1985 – February 1986

General pediatrics and family medicine practice
National Public Health Service, Aswan, Egypt
March 1986 – June 1987

Private practice Cairo, Egypt
July 1987 – June 1990

Pediatric Internship
Hahnemann University Hospital/ Drexel University
Philadelphia, Pennsylvania, USA
July 1990 – June 1991

Pediatric Residency
Hahnemann University Hospital/ Drexel University
Philadelphia, Pennsylvania, USA
July 1991 – June 1993

Clinical Fellow in Neonatal-Perinatal Medicine
Children's Hospital Medical Center
University of Cincinnati Med. Center, Cincinnati, Ohio, USA
July 1993 – June 1996

Pediatric Clinical Research Fellowship
The Department of Environmental Health
University of Cincinnati Medical Center, Cincinnati, Ohio, USA
June 1995 – August 1997

Postdoctoral Fellow, Perinatal Research Institute
University of Cincinnati Medical Center, Cincinnati, Ohio, USA
July 1996 – August 1997

Past Employment History

1. Clinical Associate Professor of Pediatrics
Oregon Health & Sciences University
Department of Pediatrics, Division of Neonatal – Perinatal Medicine
Portland, Oregon
May 2013 – November 2014

Attending Neonatologist
Doernbecher Children's Hospital
Oregon Health & Sciences University, Portland, Oregon
August 2013 – November 2014

Attending Neonatologist
Salem General Hospital, Salem, Oregon
August 2013 – October 2014

2. Associate Professor of Pediatrics
University of Texas Southwestern Medical Centre
Department of Pediatrics
Division of Neonatal – Perinatal Medicine, Dallas, Texas
August 2009 – July 2012

Attending Neonatologist
Parkland hospital, Dallas, Texas
August 2009 - July 2012

Attending Neonatologist
Children's Medical Center, Dallas, Texas
August 2009 - July 2013

3. Consultant Neonatologist
Department of Pediatrics
King Faisal Specialist Hospital & Research Centre
Riyadh, Kingdom of Saudi Arabia
September 2001 – July 2009

Head, Division of Neonatology, Department of Pediatrics
King Faisal Specialist Hospital & Research Centre
Riyadh, Kingdom of Saudi Arabia
August 2005 – November 2007

Director, Fellowship Training Program
Division of Neonatology, Department of Pediatrics
King Faisal Specialist Hospital & Research Centre
Riyadh, Kingdom of Saudi Arabia
April 2002 – August 2005

4. Director of Neonatology
Baylor/ Richardson Medical Centre, Richardson, Texas
October 2000 – September 2001

5. Attending Neonatologist,
Newborn Specialist, P.C., Des Moines, Iowa
August 1997 – September 2000

Associate Professor of Clinical Pediatrics and Neonatology
College of Medicine and Surgery
Des Moines Osteopathic University, Des Moines, Iowa
January 1999 – January 2001

Attending Neonatologist
Mercy Hospital Medical Centre, Des Moines, Iowa
August 1997 – September 2000

Attending Neonatologist
Lutheran Hospital Medical Centre, Des Moines, Iowa
August 1997 – September 2000

Attending Neonatologist
Des Moines General Hospital, Des Moines, Iowa
August 1997 – September 2000

International Visiting Positions

- Visiting Neonatology Consultant
National Guard Hospital,
King Abdullah Medical City
Riyadh, Kingdom of Saudi Arabia
June-July 2015

- Visiting Neonatology Consultant
Riyadh Armed Forces Hospital
Riyadh, Kingdom of Saudi Arabia
November 2000
- Visiting Neonatology Consultant
King Faisal specialist Hospital & Research Center
Riyadh, Kingdom of Saudi Arabia
May 2000
- Visiting Assistant Professor of Pediatrics
College of Medicine
Misr University for Science & Technology
Cairo, Egypt
November 2000

Licenses

USA

- Pennsylvania	1993-present
- Ohio	1993-present
- Kentucky	1994-present
- Iowa	1997-present
- Texas	2000-present
- Virginia	2008-present
- Michigan	2008-present
- Arizona	2008-present
- Oregon	2013- 12/2019
- North Dakota	2015-present
- Alabama	2015-present
- Florida (retired)	2016-2020
- North Carolina	2020-present

EGYPT

1996-present

Saudi Arabia

2001-2009

Perinatal Society of Australia and New Zealand

Academic Membership

2008 - present

2000 - 2002

Texas Pediatric Society

2001 - 2009

Saudi Council for Health Specialties

2000 - 2016

Texas Medical Association

1997 - 2000

Iowa Medical Society

1997 - 2000

Des Moines Pediatrics Club

1995 - 2000

American Statistical Association

1993 - 1997

Butler County Medical Society, Ohio

1990 - 1993

Philadelphia Medical Society, Pennsylvania

1990 - present

American Academy of Pediatrics

1990 - present

American Medical Association

1986 - present

Egyptian Association of Medical Practitioners, Cairo, Egypt

Honors and Awards

2013 Texas Super Doctors in Neonatal-Perinatal Medicine
 2012 Texas Super Doctors in Neonatal-Perinatal Medicine
 2005 Honored member, Strathmore's who's who in International Business
 2000 Honored member, Strathmore's who's who in Medicine
 1998 Teacher recognition award, American Academy of Family Physicians
 1997 Fellow, American Academy of Pediatrics
 1996 Perinatal Training Grant, Perinatal Research Institute, University of Cincinnati
 1995 Pediatric Clinical Research Fellowship Award
 Children's Hospital Medical Centre, University of Cincinnati Medical Centre
 1984 Bachelor of Medicine and Bachelor of Surgery,
 Ain Shams University, School of Medicine
 Very Good with Honor

Reviewer for Journals

Acta Paediatrica
Journal of Pediatric Critical Care
Journal of Pediatrics
Pediatric Research
Pediatrics
Annals of Saudi Medicine
Journal of the American College of Nutrition
Journal of Pediatric Gastroenterology and Nutrition
Archives of Disease in Childhood
Journal of Neonatal-Perinatal Medicine

Administrative Activities

2011- 2013	Member, Critical Lab Values Work Group Children's Medical Center Dallas, Dallas, Texas
2011- 2012	Member, Critical Lab Values Work Group Parkland Hospital, Dallas, Texas
2010- 2012	Member, ICU BSI Committee Children's Medical Center Dallas, Dallas, Texas
2010- 2012	Member, Infection Control Committee Children's Medical Center Dallas, Dallas, Texas
04/2007 – 03/2009	Member, Evidence Based Medicine Committee King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
08/2005- 11/2007	Head, Division of Neonatology, Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia

June 2005	External examiner Riyadh Military Hospital Riyadh, Kingdom of Saudi Arabia
June 2004	External examiner Riyadh Armed Forces Hospital Riyadh, Kingdom of Saudi Arabia
07/2004- 01/2006	Administrative, Research and contact coordinator Vermont Oxford Neonatal Network King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
04/2004 – 03/2009	Member, Pediatric Educational Committee Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
03/2004 – 03/2009	Member, Pediatric Research Committee Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
05/2003- 08/2005	Chairman, Formula Selection Subcommittee Clinical Nutrition Committee King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
03/2003- 08/2005	Member, Clinical Nutrition Committee King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
03/2003 – 05/2007	Moderator of weekly Clinical Conference Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
01/2003- 12/2005	Member, Ethics Committee King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
01/2003- 12/2004	Member, Clinical Research Committee King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
10/2002- 11/2003	Organizing Member Saudi Neonatal Network Riyadh, Kingdom of Saudi Arabia
04/2002- 01/2008	Chair, NICU Collaborative Practice Committee Division of Neonatology Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
04/2002- 08/2005	Director, Fellowship Training Program Division of Neonatology Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia

01/2002- 08/2006	Member of Morbidity and Mortality Committee Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia
10/2001– 03/2009	Member of Pediatrics Nutrition Committee Department of Pediatrics King Faisal Specialist Hospital & Research Center Riyadh, Kingdom of Saudi Arabia

Ad-Hoc Committees membership

- Member of the King Faisal Specialist Hospital & Research Center Sentinel Event Investigation Committee, Riyadh, KSA (May 13, 2004 - June 16 2004)
- Member of the King Faisal Specialist Hospital & Research Center Neonatal Benchmarking Task Force, Riyadh, KSA (November 2005 – December 2006)
- Member of the King Faisal Specialist Hospital & Research Center Pyxis® Override List Task Force, Riyadh, KSA (November 22, 2005 – December 13, 2005)
- ICIS Mini-Clinical Advisory Group (CAG), King Faisal Specialist Hospital & Research Center, Riyadh, KSA (February 2006)
- Member of the Work Group Re Performing Surgery on Deceased Patient, King Faisal Specialist Hospital & Research Center, Riyadh, KSA (December 2006).

Symposia Organizing Committee Membership

- Member of the organizing committee of the second annual Neonatology for the Pediatrician Workshop, King Faisal Specialist Hospital and Research Center, April 16-17, 2002, Riyadh, KSA
- Member of the Scientific committee of the second annual Neonatology for the Pediatrician Workshop, King Faisal Specialist Hospital and Research Center, April 16-17, 2002, Riyadh, KSA
- Member of the organizing committee of the Third Annual Neonatology for the Pediatrician Workshop, King Faisal Specialist Hospital and Research Center, April 14-16, 2003, Riyadh, KSA
- Member of the Scientific committee of the Third Annual Neonatology for the Pediatrician Workshop, King Faisal Specialist Hospital and Research Center, April 14-16, 2003, Riyadh, KSA
- Moderator, Nutrition workshop, the Third Annual Neonatology for the Pediatrician Workshop, King Faisal Specialist Hospital and Research Center, April 14, 2003, Riyadh, KSA
- Member of the organizing committee of the Fourth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 2004, Riyadh, KSA
- Member of the Scientific committee of the Fourth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 12-14, 2004, Riyadh, KSA
- Moderator, Intravenous Fluid workshop, the Fourth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 14, 2003, Riyadh, KSA
- Member of the organizing committee of the Fifth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 12-14, 2005, Riyadh, KSA
- Member of the Scientific committee of the Fifth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 12-14, 2005, Riyadh, KSA
- Moderator, Neonatal Nutrition Session: Clinical Situation: Parenteral and Enteral Nutrition Workshop. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2006.

- Moderator, Management of Disruptive Behavior of Healthcare Professional workshop, the Sixth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 2006, Riyadh, KSA
- Moderator, Evidence Based Neonatology Telemedicine Session, the Sixth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 2006, Riyadh, KSA
- Moderator, Changing Concepts in the Management of Hyperbilirubinemia in the Term Infant Telemedicine Session, the Sixth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center April 2006, Riyadh, KSA
- Chairman, Organizing Committee, the Sixth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, to be held April 17-18, 2006, Riyadh, KSA •
Chairman, Scientific Committee, the Sixth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, to be held April 17-18, 2006, Riyadh, KSA
- Moderator, Session II, Neonatal respiratory symposium, Hamad Medical Corporation, Division of Neonatal medicine and Collage of North Atlantic, Doha, Qatar, March 2007
- Member of the organizing committee of the Seventh Annual International Neonatology Meeting, King Faisal Specialist Hospital and Research Center, 15-18 April, 2007, Riyadh, KSA
- Member of the Scientific committee of the Seventh Annual International Neonatology Meeting, King Faisal Specialist Hospital and Research Center, 15-18 April, 2007, Riyadh, KSA
- Moderator, Newborn Nutrition Workshop, the Seventh Annual International Neonatology Meeting, King Faisal Specialist Hospital and Research Center, 15 April, 2007, Riyadh, KSA
- Panel Member, Fetal Rights Discussion Panel, Fetal Medicine International Congress, Cairo, Egypt, May 2007
- Member of the organizing committee of the Eighth Annual International Neonatology Meeting, King Fahad Cultural Center, April, 2008, Riyadh, KSA
- Member of the Scientific committee of the Eighth Annual International Neonatology Meeting, King Fahad Cultural Center, April, 2008, Riyadh, KSA
- Moderator, Nutritional Support for Premature Infant Workshop, the Eighth Annual International Neonatology Meeting, King Fahad Cultural Center, April 2008, Riyadh, KSA
- Moderator, Session III, Pediatrics in Saudi Arabia in the 21st Century Symposium, King Faisal Specialist Hospital and Research Center, May 2008, Riyadh, KSA
- Moderator, Best Basic Abstracts Session, Pediatrics in Saudi Arabia in the 21st Century Symposium, King Faisal Specialist Hospital and Research Center, May 2008, Riyadh, KSA
- Moderator, Nutritional Support for The Premature Infant Workshop, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, Ismailia, Egypt
- Moderator 7th Nutritional Session, Challenges in Neonatal Nutrition, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, Ismailia, Egypt

Publications

- 1- Diagnosis of vertically acquired human immunodeficiency virus in the newborn. Alasmi, M. (Resident and staff Physician 39: 15-21 Suppl 1993).
- 2- Myocardial infarction in a man with Homocysteinemia, high plasminogen activator inhibitor activity, and resistance to activated protein. Glueck CJ, Fontaine RN, Gupta A, Alasmi M (Metabolism 46(12): 1470-1472, 1997).
- 3- Breast versus formula feeding influences endogenous cholesterol synthesis in human infants. TM Bayley, PJ Jones, J Bulani, M Alasmi, T Thorkelson- FASEB JOURNAL, 1996

- 4- Effects of tactile stimulation on serum lactate in the neonatal rat. Alasmi MM, Pickens WL, Hoath SB. (Pediatr Res 41(6): 857-861, 1997).
- 5- Influence of formula versus breast milk on cholesterol synthesis rates in four month-old infants. Bayley TM, Alasmi M, Thorkelson T, Krug-Wispé S, Jones PJ, Bulani JL, Tsang RC (Pediatr Res 44(1): 60-67, 1998).
- 6- Longer-term effects of early dietary cholesterol level on synthesis and circulating cholesterol concentrations in human infants. Bayley TM, Alasmi M, Thorkelson T, Jones PJ, Krug- Wispé S, Tsang RC. Metabolism 2002 Jan; 51(1): 25-33.
- 7- A randomized prospective comparative trial of elective early high frequency oscillatory ventilation (HFOV) in preterm infants with respiratory distress syndrome (RDS) S Alalaiyan, H Salama, A Rejjal, A Kattan, M Shoukri, L Almahmoud, M Alasmi, E. Neily Pediatric Research - *Pediatric Research* (2004) 56, 465–465
- 8- Pulmonary interstitial Emphysema in a Full-Term Infant: Do we know the Incidence? Salama H, L Almahmoud, Kattan A, Alasmi M, Rejjal A. Annals Of Saudi Med 2003, 22(3): 212-215
- 9- Neonatal Hyperammonemic Encephalopathy Induced by Methylmalonic Aciduria: Response to Carglumic Acid - Case report. Al-Sayed M, Alkhalifi S, Alasmi M, Al-Amoodi M, Rahbeeni Z, Rashed M J. Inherit.Metab.Dis. 28(2005) Suppl. 1
- 10- Feeding Extremely Low Birth Weight Infants, Mahmood Alasmi, Pediatric Annals, 2013 May; 42(4) 200-204.
- 11- Congenital hepatic fibrosis in a child with Prader-Willi syndrome: a novel association. Al Sarkhy A; Hassan S; Alasmi M; Assiri AM; Alkuraya FS, Annals of Saudi Medicine [Ann Saudi Med], ISSN: 09754466, 2014 Jan-Feb; Vol. 34 (1), pp. 813-17.

ABSTRACTS

1. Effects of tactile stimulation on serum lactate in the neonatal rat Alasmi M, Pickens W and Hoath S: Pediatric Research 37 (4) pt.2: 193A: #1141,1995.
2. Cost Effectiveness Comparison of Prevention Strategies for Neonatal Group B Streptococcal Infection: Application in a Metropolitan Area (Greater Cincinnati). M Alasmi, FY Luo, RC Tsang. Pediatr. Research 39 (4) pt.2: 102A: # 596, 1996.
3. Breast versus Formula Feeding Influences Endogenous Cholesterol Synthesis in Human Infants. Bayley TM, Jones PJ, Bulani J, Alasmi M, Thorkelson T, Tsang RC. Exp. Biol., 1996.
4. Cholesterol Supplementation Effect on Cholesterol Synthesis Rates (FSR) in Infants. M Alasmi, T Thorkelson, S Krug-Wispé, TM Bayley, PJH Jones, RC Tsang. Pediatric Research 39 (4) pt.2: 116A: # 679, 1996.
5. Severe Asymptomatic Phosphate (P) Depletion in Two Infants With Persistent Pulmonary Hypertension Managed With Alkalosis. M. Alasmi, RC Tsang. Journal of the American College of Nutrition 15(5): p.527, 1996.
6. Dietary Supplementation of Cow Milk Based Infant Formula with Cholesterol: Long Term Effects on Cholesterol Synthesis Rate at One Year of Life. M Alasmi, TM Bayley, T Thorkelson, S Krug-Wispé, PJH Jones, RC Tsang. Pediatric Research 47 (4) pt.2: 281A: # 1660, 2000.
7. Long Term Effects Dietary Supplementation of Cow Milk Based Infant Formula with Cholesterol on Cholesterol Synthesis Rate. M Alasmi, T Thorkelson, PJH Jones, RC Tsang, 13th Congress of the Federation of Asia and Oceania Perinatal Societies, **Kuala Lumpur, Malaysia**, April 2004
8. A Randomized Prospective Comparative Trial of Elective Early High Frequency Oscillatory Ventilation (HFOV) In Preterm Infants with Respiratory Distress Syndrome (RDS). S AlAlaiyan, H Salama, A Rejjal, A Kattan, M Shoukri, L Almahmoud, M Alasmi, E Neily. 45th Annual Meeting of The European Society of Pediatric Research, **Stockholm, Sweden**, September 2004.

9. Antenatal Corticosteroids; Neonatologists' Prospective. M Alasmi, Abstract Presentation, Fetal Medicine International Congress, **Cairo, Egypt**, May 2007
10. Effect of Diet in Early Infancy on Cholesterol Synthesis Rate (FSR) at one year of age. M Alasmi. 6th World Congress on Pediatric Critical Care, **Sydney, Australia**, March 2011
11. Reassessing the Neutrophil Count in the Diagnosis of neonatal infection. Mahmood Alasmi, F. Afolabi, Charles Rosenfeld, 6th World Congress on Pediatric Critical Care, **Sydney, Australia**, March 2011.
12. Cholesterol Synthesis Rate (FSR) and imprinting effect at one year of age. Mahmood Alasmi. 15th Annual Congress of the Perinatal Societies of Australia and New Zealand, **Sydney, Australia**, April 2011
13. Serial Neonatal Neutrophil Counts and the Diagnosis of Late Onset (LO) Nosocomial Infection in the Neonatal ICU (NICU): M Alasmi, F Afolabi, C R Rosenfeld, Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Denver, Colorado, April 2011

USA PREVIOUS RESEARCH SUPPORT

1) Co-principal investigator
 SW-97-34-S (PI: RC. Tsang, M.D.) 07/01/97 - 06/30/99
 American Heart Association \$60,000
 Cholesterol supplementation & cholesterol synthesis rate in one-year-old infants.

2) 2) Perinatology Training Grant: Trainee
 5-T32-HD07200-18 09/1/96-08/31/97 NICHD \$32,630
 The grant is designed to provide the research experience necessary to prepare physicians and basic scientists for productive careers in academic medicine.

3) Fellowship Program Training Grant
 The grant is designed to provide the research support necessary to prepare trainees in Neonatal Perinatal Medicine for productive careers in academic medicine.
 King Faisal Hospital and Research Center
 01/01/2006- 12/31/2008 \$20,000 for 3 years

APS/SPR Reviewer:

2012 Pediatric Academic Societies/Eastern Society of Pediatric Research Meeting:

- ✦ Neonatal Fetal Nutrition and Metabolism
- ✦ Neonatal/ Patient oriented Research
- ✦ Neonatal Brain Metabolism and Injury

2013 Pediatric Academic Societies/Eastern Society of Pediatric Research Meeting:

- ✦ Neonatal Fetal Nutrition and Metabolism
- ✦ Neonatal/ Patient oriented Research
- ✦ Neonatal Brain Metabolism and Injury

PRESENTATIONS

- 1) Effects of tactile stimulation on serum lactate in the neonatal rat. **Presented:** The 21st Annual Barkley Conf. on Perinatal Research, Lake Barkley, KY. June 1995.
- 2) Effects of tactile stimulation on serum lactate in the neonatal rat. **Presented:** The 17th Annual Meeting on Perinatal Nutrition, Marco Island, Florida, November 1995.

- 3) Cost Effectiveness Comparison of Prevention Strategies for Neonatal Group B Streptococcal Infection: Application in a Metropolitan Area (Greater Cincinnati). **Presented:** Platform Session at the 1996 Pediatric Academic Societies' Annual Meeting in Washington, D.C, May 1996.
- 4) Comparison of Prevention Strategies for Neonatal Group B Streptococcal Infection: Application in a Metropolitan Area. **Presented:** The 22nd Annual Barkley Conference on Perinatal Research, Lake Barkley, KY, May 1996.
- 5) Cholesterol Supplementation Effect on Cholesterol Synthesis Rates (FSR) in Infants. **Presented:** The 22nd Annual Barkley Conference on Perinatal Research, Lake Barkley, KY, May 1996.
- 6) Cholesterol Supplementation Effect on Cholesterol Synthesis Rates (FSR) in Infants. **Presented:** Poster Symposium at the 1996 Pediatric Academic Societies' Annual Meeting in Washington, D.C, May 1996.
- 7) Severe Asymptomatic Phosphate (P) Depletion in Two Infants With Persistent Pulmonary Hypertension Managed With Alkalosis. **Presented:** The 37th Annual Meeting of The American College of Nutrition, San Francisco, CA, October 1996.
- 8) New Advances in Management of Persistent Pulmonary Hypertension of the Newborn, Invited Speaker. Mercy Medical Center, Iowa, December 1999
- 9) Dietary Supplementation of Cow Milk Based Infant Formula with Cholesterol: Long Term Effects on Cholesterol Synthesis Rate at One Year of Life. **Presented:** Poster Symposium at the 2000 Pediatric Academic Societies' Annual Meeting in Boston, Massachusetts, May 2000.
- 10) Mechanical Ventilation of the newborn. Invited Speaker: Pediatrics Rounds. Baylor Richardson Medical Center, Richardson, TX, June 200.
- 11) Clinical Overview of Very Low Birth Weight Infant: Looking into the Millennium. Presented: The Eleventh Annual Conference of the Egyptian Society of Laboratory Medicine: Laboratory Role in Maternity & Infancy, Cairo, Egypt, March 2000.
- 12) Neonatal Screening in USA: Clinical, Epidemiological and Ethical implications. Presented: The 11th Annual Conference of The Egyptian Society of Laboratory Medicine: Laboratory Role in Maternity & Infancy, Cairo, Egypt, March 2000
- 13) Neonatology into the New Millennium. Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, May 2000.
- 14) Maternal and Child Health: Application of Research Methodology. Invited Speaker: Riyadh AlKharj Military Hospital, Riyadh, Kingdom of Saudi Arabia, November 2000.
- 15) The Saudi Neonatal Medical and Nursing Services, How it compares to the west. Invited Speaker; Topics for Discussion, Riyadh Al-Kharj Military Hospital, Riyadh, Kingdom of Saudi Arabia, November 2000.
- 16) Mechanical Ventilation of the Newborn: New Prospective. Invited Speaker; Neonatal Symposium, King Fahd Specialist Hospital, Qassim, Kingdom of Saudi Arabia, March 2002
- 17) Mechanical Ventilation of the Newborn and Respiratory distress. Invited Speaker; Pediatrics Grand Rounds, King Khalid Hospital, Hail, Kingdom of Saudi Arabia, March 2002.
- 18) Management of the preterm infant after hospital discharge. Invited Speaker: The 2nd Annual Neonatology for the Pediatricians Workshop. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2002.
- 19) Neonatal Nutrition; Many Questions, Few Answers. Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, June 2002.
- 20) Limit of Viability, Where to Draw the Line? Invited Speaker: Symposium on "Preterm Delivery: Causes, Identification and Management". King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, October 2002
- 21) Pericardial Tamponade: Neonatal Prospective. Invited Speaker: Pediatrics Morbidity & Mortality Conference. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, October 2002.

- 22) Neonatal Nutrition; Many Questions, Few Answers. Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Dammam, Kingdom of Saudi Arabia, October 2002.
- 23) Recent Advances in Neonatology, Update from Hot Topics in Neonatology. Invited Speaker: Riyadh Perinatology-Neonatology Club. Riyadh Military Hospital, Riyadh, Kingdom of Saudi Arabia, January 2003.
- 24) Epidemiology and Biostatistics, Finally it makes sense. Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2003.
- 25) Epidemiology & Biostatistics, Finally it makes sense. Invited Speaker; Pediatrics Grand Rounds, King Khalid Hospital, Hail, Kingdom of Saudi Arabia, March 2003.
- 26) Erythropoietin and the Premature Infant. Invited Speaker; Pediatrics Hematology/ Oncology Grand Rounds, King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, March 2003.
- 27) Conventional Ventilation, New Strategies. Invited Speaker: Special Workshop on Respiratory Care, The Third Annual Neonatology for the Pediatricians Workshop. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2003.
- 28) Glucosteroids and the Premature Infant. Invited Speaker: The Third Annual Neonatology for the Pediatricians Workshop. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2003.
- 29) Epidemiology and Biostatistics, Finally it makes sense. Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Dammam, Kingdom of Saudi Arabia, April 2003.
- 30) Nutritional Management of Very Low Birth-weight Infant. Invited Speaker; the Second Preterm Nutrition Workshop & Symposium, Maternity and Children's Hospital, Buraidah, Al Gassim, Kingdom of Saudi Arabia, May 2003.
- 31) Post-discharge Formula designed for Premature Infants: to use or not to use? Invited Speaker; the Second Preterm Nutrition Workshop & Symposium, Maternity and Children's Hospital, Buraidah, Al Gassim, Kingdom of Saudi Arabia, May 2003.
- 32) Erythropoietin and the Premature Infant. Invited Speaker, Pediatrics Grand Rounds. Maternity & Children Hospital, Dammam, Kingdom of Saudi Arabia, February 2004.
- 33) Parenteral Nutrition and The Premature Infant, Intravenous Fluid workshop, the Fourth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2004.
- 34) Concept and Criteria of Screening Programs, The Fourth Annual Neonatology Meeting. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2004.
- 35) Parenteral Nutrition and The Premature Infant, Administration and Clinical Applications, Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Madinah, Kingdom of Saudi Arabia, May 2004.
- 36) Academic Career, Tools of the Trade. Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, March 2005.
- 37) Pericardial Tamponade: Neonatal Prospective. Invited Speaker: Pediatrics Morbidity & Mortality Conference. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, March 2005.
- 38) Vermont Oxford Network, The Fifth Annual Neonatology Meeting. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2005.
- 39) Establishing a Registry, The Fifth Annual Neonatology Meeting. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2005
- 40) Erythropoietin and the Premature Infant, Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Madinah, Kingdom of Saudi Arabia, April 2005

- 41) Establishing a Registry, Invited Speaker: Maternity & Children Hospital, Madinah, Kingdom of Saudi Arabia, April 2005.
- 42) Limit of Viability, Where to draw the line? Invited Speaker, Pediatrics Grand Rounds. Maternity & Children Hospital, Hail, Kingdom of Saudi Arabia, November 2005.
- 43) Limit of Viability, Where to draw the line? Invited Speaker: Maternity & Children Hospital, Madinah, Kingdom of Saudi Arabia, December 2005.
- 44) The mismatch between Evidence and Practice: Common Therapies in Search of Evidence. Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2006.
- 45) Neonatal nutrition Support: The Challenge We Face. Guest Speaker; Clinical Situation: Parenteral and Enteral Nutrition Workshop. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2006.
- 46) Neonatal Nutrition: Case Discussion. Guest Speaker; Clinical Situation: Parenteral and Enteral Nutrition Workshop. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2006.
- 47) The mismatch between Evidence and Practice: Common Therapies in Search of Evidence. Invited Speaker: Maternity & Children Hospital, Madinah, Kingdom of Saudi Arabia, February 2006.
- 48) Intravenous Fluid Therapy and the Premature Infant. Invited Speaker, Neonatal Grand Rounds, Southwest Regional Medical Center, San Antonio, TX, March 2006
- 49) Neonatal Nutritional Support, The Challenges we face. Invited Speaker; 5TH RKH Pediatrics Symposium; Pediatric Endocrinology and General Pediatrics Update, Riyadh Armed Forces Hospital, Riyadh, Kingdom of Saudi Arabia, March 2006.
- 50) Feeding the premature infant and Evidence based medicine. Invited Speaker, the Sixth Annual Neonatology Meeting, King Faisal Specialist Hospital and Research Center, April 2006, Riyadh, Kingdom of Saudi Arabia
- 51) Birth Asphyxia, a term not to be used. Invited Speaker, Perinatology Course, Department of Obstetrics and Gynecology, King Faisal Specialist Hospital and Research Center, November 2006, Riyadh, Kingdom of Saudi Arabia
- 52) KFSHRC NICU 2027; I wish I am not retired. Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2007
- 53) Strategies to prevent new Bronchopulmonary Dysplasia. International Guest Speaker, Neonatal respiratory symposium, Hamad Medical Corporation, Division of Neonatal medicine and Collage of North Atlantic, **Doha, Qatar**, March 2007.
- 54) KFSHRC NICU 2027; I wish I am not retired. Invited Speaker: Maternity & Children Hospital, Madinah, Kingdom of Saudi Arabia, March 2007.
- 55) Medical Presentation: Tools of the trade. Invited speaker, The Pediatrics fellows Education Seminars, King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2007.
- 56) Clinical Trials in Premature Infant Nutrition: Are there any guidelines to follow? Newborn Nutrition Workshop, the Seventh Annual International Neonatology Meeting, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April, 2007.
- 57) Recent Advances in Neonatal TPN: Medical Prospective, Newborn Nutrition Workshop, the Seventh Annual International Neonatology Meeting, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April, 2007
- 58) Case Scenarios in Infant Nutrition, Newborn Nutrition Workshop, the Seventh Annual International Neonatology Meeting, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April, 2007

- 59) Antenatal Corticosteroids: A Neonatologist's Prospective, Invited Speaker, Fetal Medicine International Congress, **Cairo, Egypt**, May 2007
- 60) Strategies to prevent new Bronchopulmonary Dysplasia. Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Bisha, Kingdom of Saudi Arabia, August 2007
- 61) Strategies to prevent new Bronchopulmonary Dysplasia. Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Baha, Kingdom of Saudi Arabia, September 2007.
- 62) Recent advances in premature infant nutrition: 40 years of research; where we are now? Invited Speaker: Update in Pediatrics and Neonatology Conference, Qatif, Kingdom of Saudi Arabia, October 2007
- 63) How to write an Abstract", Invited Speaker: Pediatric Update Comprehensive Review, King Faisal specialist Hospital & Research Center, Riyadh, Kingdom of Saudi Arabia, December 2007
- 64) Recent Advances in Premature Infant Nutrition. Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Baha, Kingdom of Saudi Arabia, March 2008
- 65) Birth Asphyxia, a term not to be used. Invited Speaker, Pediatric Neurology Lecture, Department of Neurosciences, King Faisal Specialist Hospital and Research Center, March 2008, Riyadh, Kingdom of Saudi Arabia, March 2008
- 66) Recent Advances in Premature Infant Nutrition. Invited Speaker: Pediatrics Grand Rounds. Maternity & Children Hospital, Dammam, Kingdom of Saudi Arabia, March 2008.
- 67) Antenatal Corticosteroids: A Neonatologist's Prospective. Invited Speaker: Obstetrics and Gynecology Grand Rounds. Department of Obstetrics and Gynecology, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, March 2008.
- 68) Advances in Parenteral Nutrition: Neonatologist Prospective. Nutritional Support of Premature Infants Workshop, the Eight Annual Neonatology Meeting, King Fahad Cultural Center, Riyadh, Kingdom of Saudi Arabia, April, 2008.
- 69) Parenteral Nutrition Induced Cholestasis. Nutritional Support of Premature Infants Workshop, the Eight Annual Neonatology Meeting, King Fahad Cultural Center, Riyadh, Kingdom of Saudi Arabia, April 2008.
- 70) Post-discharge Nutrition Guidelines. Nutritional Support of Premature Infants Workshop, the Eight Annual Neonatology Meeting, King Fahad Cultural Center, Riyadh, Kingdom of Saudi Arabia, April, 2008.
- 71) Case Scenarios in Premature Infant Nutrition. Nutritional Support of Premature Infants Workshop, the Eight Annual Neonatology Meeting, King Fahad Cultural Center, Riyadh, Kingdom of Saudi Arabia, April, 2008.
- 72) Nutrition of the premature Infant, Questions & Answers, Guest Speaker, Maternity and Children Hospital, Al-Jouf, Kingdom of Saudi Arabia, May 2008.
- 73) Tools of the trade: Abstract Presentation, Invited International Speaker, Wyeth Communication Excellence workshop, **Cairo, Egypt**, May 2008.
- 74) Advances in Infant Premature Infant Nutrition, Invited Speaker, Academic Conference, Division of Newborn Medicine, Penn State Hershey Children's Hospital, , **Hershey, PA**, October 2008
- 75) Infant Formula, Myth and Facts. Invited Speaker; Pediatrics Hematology/ Oncology Grand Rounds, King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, November 2008.
- 76) Nutrition Management of The Premature Infant, Middle East and North Africa Experience, Invited International Speaker, Early Life Nutrition and Long Term Outcomes, Wyeth Third International Pediatric Nutrition Symposium, **Bangkok, Thailand**, November 2008.
- 77) Evidence Based Analysis of Infant Formulas in the Middle East Market: Myths and Facts, Invited International Speaker, Perspectives and Advances in Maternal and Neonatal Nutrition and Neonatal Gastroenterology Seminar, IPOKRATES Clinical Seminars/ Union of European Neonatal & Perinatal Societies, December 2008, **Cairo, Egypt**.

- 78) Early Parenteral Nutrition: Scientific Basis, Invited International Speaker, Perspectives and Advances in Maternal and Neonatal Nutrition and Neonatal Gastroenterology Seminar, Ipokrates Clinical Seminars/ Union of European Neonatal & Perinatal Societies, **Cairo, Egypt**, December 2008.
- 79) Infant Formulas, Myths and facts: Evidence Based Analysis, Invited Speaker: Pediatrics Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, February 2009
- 80) Apnea of Prematurity, Invited Speaker: Respiratory System Review Course, Nursing Department, King Faisal Specialist Hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, March 2009
- 81) Infant Formulas, Myths and facts: Evidence Based Analysis, Invited Speaker: Family Medicine Grand Rounds. King Faisal Specialist hospital and Research Center, Riyadh, Kingdom of Saudi Arabia, April 2009
- 82) Advances in Infant Premature Infant Nutrition, Invited Speaker, NNP Academic Conference, Division of Neonatal-Perinatal Medicine, Parkland Hospital, Dallas, TX, December 2009
- 83) Infant Formula, Myth and Facts. Medical Student Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, January 2010
- 84) Infant Formula, Myth and Facts. Medical Student Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, May 2010
- 85) Infant Formula, Myth and Facts. Resident Noon Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, September 2010
- 86) Pathogenesis of the new BPD, Invited Speaker, NNP Academic Conference, Division of Neonatal-Perinatal Medicine, Parkland Hospital , Dallas, TX, October 2010
- 87) Infant Formula, Myth and Facts. Medical Student Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, November 2010
- 88) Premedication for non-emergent Endotracheal Intubation in the Neonate. NeoCAT review, Division of Neonatal-Perinatal Medicine, Department of Pediatrics , Dallas, TX, December 2010
- 89) Infant Formula, Myth and Facts. Resident Noon Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, January 2011
- 90) Infant Formula, Myth and Facts. Resident Noon Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, March 2011
- 91) Reassessing the Neonatal Neutrophil Count in the Diagnosis of Neonatal infection. M Alasmi, F. Afolabi, C. Rosenfeld, Oral Presentation, 6th World Congress on Pediatric Critical Care, **Sydney, Australia**, March 2011.
- 92) Fractional Synthesis Rate (FSR) of Cholesterol and Effect of Diet. M Alasmi, Poster Presentation, 6th World Congress on Pediatric Critical Care, **Sydney, Australia**, March 2011.
- 93) Cholesterol Synthesis Rate (FSR) and imprinting effect at one year of age. M Alasmi. Oral Presentation, 15th Annual Congress of the Perinatal Societies of Australia and New Zealand, **Sydney, Australia**, April 2011
- 94) Serial Neonatal Neutrophil Counts and the Diagnosis of Late Onset (LO) Nosocomial Infection in the Neonatal ICU (NICU): M Alasmi, F Afolabi, C R Rosenfeld, Poster Presentation, Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Denver, Colorado, April 2011.
- 95) Infant Formula, Myth and Facts. Resident Noon Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, May 2011
- 96) Overview of Neonatology. Medical Student Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, May 2011
- 97) Overview of Neonatology. Medical Student Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, August 2011

- 98) Infant Formula, Myth and Facts. Resident Noon Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, October 2011
- 99) Overview of Neonatology. Medical Student Conference, UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, March 2012
- 100) Evidence Based appraisal of Infant Formula, Myth and Facts. Invited Speaker, OPNN conference, Division of Neonatology, Oregon Health & Science University, Portland, OR, July 2012
- 101) Evidence Based appraisal of Infant Formula, Myth and Facts. Invited Speaker, Neonatology Division Noon Conference, Division of Neonatology, University of Tennessee, Memphis, TN, July 2012
- 102) Parenteral Nutrition: Neonatologist Prospective. Nutritional Support for The Premature Infant Workshop, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, **Ismailia, Egypt**
- 103) Parenteral Nutrition-induced cholestasis. Nutritional Support for The Premature Infant Workshop, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, **Ismailia, Egypt**
- 104) Post-discharge Nutrition. Nutritional Support for The Premature Infant Workshop, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, **Ismailia, Egypt**
- 105) Evidence Based appraisal of Infant Formula, Myth & Facts. Invited Speaker, Challenges in Neonatal Nutrition, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, **Ismailia, Egypt**
- 106) Metabolic Programming and nutritional Management of Premature Infants. Invited Speaker, Challenges in Neonatal Nutrition, International Neonatology Conference, Faculty of Medicine, Suez Canal University, January 2013, **Ismailia, Egypt.**
- 107) Evidence Based appraisal of Infant Formula, Myth & Facts. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt.**
- 108) Neonatal Nutrition; Many Questions, Few Answers. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt**
- 109) The mismatch between Evidence and Practice: Common Therapies in Search of Evidence. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt**
- 110) Mechanical Ventilation of the newborn, The Basics. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt**
- 111) Clinical Trials in Premature Infant Nutrition: Are there any guidelines to follow?. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt**
- 112) Early Parenteral Nutrition: Scientific Bases. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt**
- 113) Tools of the trade: Abstract Presentation. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt**
- 114) Case Scenarios in Infant Nutrition. Invited Speaker, Nutrition of the newborn workshop, Ministry of Health, Sheikh Zaid Hospital, Department of Pediatrics, April 2015, **Cairo, Egypt.**
- 115) The labor and Delivery of a Neonatal Intensive Care Unit, Invited Speaker, PLG meeting, Huntsville, AL, June 2016
- 116) The labor and Delivery of a Neonatal Intensive Care Unit, Invited Speaker, Women's Advisory Council Meeting, Huntsville, AL, July 2016

TEACHING ACTIVITIES

1. Presentation at The Children Hospital of Cincinnati, and University of Cincinnati Hospital, Department of Pediatrics, Division of Neonatology (1993-1997) Perinatal-Neonatal Morbidity and Mortality Rounds
 - Neonatal Grand Rounds: Vitamin A metabolism and the preemie (9/93),
 - Physiology of High Frequency ventilation (4/94), Epidemiology of Multiple gestation (10/94), Cardiomyopathy (3/95), Neonatal Varicella (6/95).
2. Presentation at University of Cincinnati Hospital, Department of Environmental Health, Division of Epidemiology & Biostatistics (1994-1997): Retinopathy of prematurity, history and lessons (10/95), Group-B streptococcal infections and the newborn (3/96), the emergence of Tuberculosis, neonatal perspective (5/96).
3. Neonatology lectures (part of Pediatrics lectures for second year medical students), Des Moines University of Osteopathic Medicine:
 - Common neonatal Problems (4/99)
 - Jaundice and the newborn (4/99)
 - Evaluation and care of normal newborn (4/99)
 - Postnatal infections in the newborn (4/99)
 - Hypoglycemia and the Infant of diabetic mother (4/99)
4. Neonatology lectures (part of Pediatric lectures for second year medical students), Des Moines University of Osteopathic Medicine:
 - Common neonatal Problems (5/2000)
 - Jaundice and the newborn (5/2000)
 - Evaluation and care of normal newborn (5/2000)
 - Postnatal infections in the newborn (5/2000)
 - Hypoglycemia and the Infant of diabetic mother (May 9, 2000).
5. Member of the teaching faculty, Mercy/ Mayo Family Practice Residency Program. Responsibilities include training, and teaching residents during their one-month rotation in the NICU at Mercy Hospital Medical Center (1997-2000).
6. Member of the teaching faculty, Iowa Lutheran Hospital Family Practice Residency Program. Responsibilities include training, and teaching residents during their rotation in the NICU at Iowa Lutheran Hospital (1997- 2000).
7. Director of Fellowship Training Program, Division of Neonatology, Department of Pediatrics, King Faisal Specialist Hospital & Research Center, Riyadh, KSA (April 2002 - August 2005).
8. Moderator of weekly Neonatal Perinatal Journal Club, Division of Neonatology, Department of Pediatrics, King Faisal Specialist Hospital & Research Center (May 2003-July 2005).
9. Chairman and organizer of Fetal and Neonatal Physiology Lectures Series, a biweekly lecture series for neonatal fellows and staff. Series began in November 2002, 13 lectures were presented in the academic year 2002-2003. 4 lectures were presented in the academic year 2003-2004.
10. Moderator of weekly Clinical Conference, Department of Pediatrics, King Faisal Specialist Hospital & Research Center (May 2003-2007).
11. Daily teaching activities to Pediatric residents and Neonatal fellows at King Faisal Specialist Hospital and Research Center, Riyadh, KSA: including Neonatal Journal club, Combined Perinatal Neonatal Journal Club, basic and clinical neonatal lectures, research sessions, and morning rounds (September 2001- June 2009).
12. Daily teaching activities to Medical Students, Pediatric residents at Parkland Hospital, Dallas, TX at morning rounds (September 2009- August 2012).
13. Daily teaching activities to Neonatal and Pediatrics Nurse Practitioners and Neonatal fellows at Parkland Hospital, Dallas, TX at morning rounds (September 2009- August 2012).
14. Daily teaching activities to Neonatal Nurse Practitioners and Neonatal fellows at Children Medical Center, Dallas, TX at morning rounds (September 2009- August 2012)

15. Participation in the following activities at UT Southwestern Medical center, Parkland Hospital and Children Medical Center (September 2009- August 2012):
 - High Risk Obstetrical Conferences
 - Newborn Resuscitation Conferences
 - Pediatrics Faculty Research Conference
 - Children's Hospital Morbidity and Mortality Conferences
 - Pediatrics Grand Rounds
 - Fellow's Physiology Course
 - Fellow's Evidence Based Medicine Conference
 - Parkland Pathology and Case Conference
 - Fellow's Core Curriculum and Research Conference
 - Neonatology Division Research Conference
 - Medical Student Conference
16. Participation in the following activities at Doernbecher Children's Hospital, Oregon Health & Science University (August 2013 –May 2014):
 - ✦ High Risk Obstetrical Conferences
 - ✦ Children's Hospital Morbidity and Mortality Conferences ✦ Pediatrics Grand Rounds
 - ✦ Fellow's Core Curriculum and Research Conference
 - ✦ Neonatology Division Research Conference
 - ✦ Department of Pediatrics Meeting
17. Daily teaching activities to Pediatric residents and Neonatal fellows at National Guard Hospital NICU, Riyadh, KSA: including Neonatal Journal club, clinical neonatal lectures, research sessions, and morning rounds (June 2015- July 2015)
18. Teaching activities to neonatal nurses and neonatal nurse practitioners, Crestwood Medical Center. (February 2016- present)
19. Teaching activities to 3rd year Medical Students, Crestwood Medical Center. (February 2016- present)

REFERENCES

Available upon request