



Nafisa Hassan Refat AbdelAziz

Title : Professor of Pediatrics, Faculty of Medicine, Assiut University, Egypt

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Researchgate profile :

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Language skills

Arabic: Native

English: Fluent in reading, writing and speaking

Academic Qualifications & Experiences

- Pediatrics M.D-PHD 2005 from Assiut University
- Professor of Pediatrics in Assuit University from 2015
- Reviewer and Judge of the Promotion Committee for Professors and - Assistant Professors of Pediatrics from 2022 .

Medical Experiences

- Staff member of Neonatal Intensive Care Unit of Assuit Univerisity Children Hospital form 2005 .

Current positon

Head of Neonatal Intensive Care Unit of Assuit Univerisity Children Hospital from 2014 .

Scientific productions & activities

- Fundamentals of Pediatrics. (with our department staff members).
- Coordinator of undergraduate pediatrics correculam.
- Shares in scientific conferences and workshops of neonatology and pediatrics in Assuit university and other Egyptian universities

Publications :

1-Hanan A Nooman, Hanaa A Mohammad, Nafisa H. R. AbdelAziz and Hanan G Abdel-Azeem. Coagulation defects and platelets function in splenectomized and non-splenectomized B-thalassemia children. Alexandria Journal of Pediatrics, 2006; Vol 20, No 2

2-Ebtesam M El- Gezawy, Khalid Elsayh, , Nafisa H. R. AbdelAziz, Mohamad A Fathy and Khalid A. Nasif. Pulmonary Hypertension In Thalassemic Children: Does Endothelial Dysfunction Play A Role? Alexandria Journal of Pediatrics, 2008; Vol 22, No 2

3-Maha K Ghanem, Nafisa H. R. AbdelAziz, and Hebat allah M G Rashed. Evaluation of QuantiFERON-TB Gold assay in detection of latent and active infection with Mycobacterium tuberculosis in a group of Egyptian children. The Egyptian Journal of Chest Diseases and Tuberculosis, 2008, Vol 57, No 4.

4- Sahar M.E. El- Deek, Mona A. H. El Baz and , Nafisa H. R. AbdelAziz. Role of Endothelin-1, Transforming Growth Factor- B, Pro-inflammatory Cytokines and Oxidative Stress in Newborns with Respiratory Distress. . The Egyptian Journal of of Biochemistry and Molecular biology, February2009: 253-270.

5- Nashwa a. AbdEl- Mottaleb , Nafisa H. R. AbdelAziz, Ebtesam M El- Gezawy, Azza A . Eltayaband Gamal a Asker. Serum adiponectin in newborns and in one and two years old infants: Relationship with body weight, leptin and insulin. Alexandria Journal of Pediatrics, 2009; Vol 23, No 2.

6-Ghydaa A . Shehata, Khalid Elsayh , Amany O . Mohamad, Tarek A. Rageh and Nafisa H. R. AbdelAziz . Cognitive function and event related potentials in children with beta-thalassemia. Journal of Pediatric Neurology, 2010, Vol 8, 1-6.

7- Nafisa H. R. AbdelAziz , Hanan G Abdel-Azeem , Eman M.M. Monazea and Heba A, AbdeHafiz. Homocystiene and Lipoprotein (a) In Epileptic Children Receiving Anticonvulsant. The International Journal of Child Neuropsychiatry. 2010, Vol 7(1&2).

8- Ghydaa A . Shehata, Khalid Elsayh , Nafisa H. R. AbdelAziz Amany O . Mohamad and Tarek A. Rageh. Study of Beta-thalassemia Biomarkers and their Relations to Cognition Among Children. Journal of Child Neurology,2010, Vol 20.

9- Nafisa H. R. AbdelAziz , Asmaa A . Mohamad, Eman S. Ahmed Non pharmacological pain relief in newborn infant. Egtptian Pediatric Association Gazette, 2009, Vol 57, No 4.

10- Nafisa H. R. AbdelAziz and Eman Abo El hamd Ahmed. Impact of Intrauterine Growth Restriction on Neonatal Frontal Lobe Dimensions. Egtptian Pediatric Association Gazette, 2009, Vol 57, No 4.

11- Zahran KM1, Badary MS, Agban MN, Abdel Aziz NH Pattern of hepatitis virus infection among pregnant women and their newborns at the Women's Health Center of Assiut University, Upper Egypt. Int J Gynaecol Obstet. 2010 Nov;111(2):171-4.

12-Rafaat Hassanein, Amal Sayed, Kamal Zahran, Michael Agban, Nafisa AbdelAziz and Entisar Youness. Pattern of Toxoplasmosis Among Pregnant Women with Congenitally Malformed Fetuses. Journal of Egyptian society of Gynecol. Obstet. 2010, Vol 36.

13-AbdEl Mageed M. Bauomy, Amira M.M. Hamed, Nafisa AbdelAziz, Ahmed Hussien Abdeltwab, Eman M.M. Monazea , Hekmat Ebrahim AbdElkareem and Safaa Ahmed Mohamad. Prevalence And Risk Factors Associated With Worm Infestation In School Aged Children In Al-Azhar and Assiut University Hospitals. Al-Azhar Assuit Medical Journal,2010, Vol8, N0 3.

14-Nagla H Abu Faddan, Nafisa H R Abd ElAziz, Galia Z A Awean and Hebat-allah G Rashed. Broad Range 16 S rDNA PCR as an early diagnostic tool for neonatal sepsis. The Egyptian Journal of Neonatology. Vol.12, No.(1) , Jan 2011 : 11-020

15-Hosny M. A. El- Masry, Emad M. Hammad, Ahmad R. Ahmad, , Nafisa H R Abd ElAziz, and H.H. Amin. Evaluation Of Serum Lactate And Neuron Specific Enolase As Predictors Of Hypoxic-Ischemic Encephalopathy In Term Neonates. The Egyptian Journal of Neonatology. 2011, Vol 12, No (2): 83-96.

16- Hanaa A. Mohammad, Nafisa H R Abd ElAziz, and RandaShamsEldeen. Outcome of Mild and Moderate Preterm Newborns Admitted to NICU of Assiut University Children Hospital, Relation to Birth Weight. Journal of American Science, Vol 7, No. (6) , 2011: 249-253

17-Eman Abo Elhamd, Gehan S. Seifeldein, Nafisa H. R. Abd El-Aziz. Multidetector Computed Tomography Evaluation in Neonatal Respiratory Distress: Clinical Implication. The Egyptian Journal of Radiology and Nuclear Medicine, 2013, Vol 44, 101-111.

18- Nagla H. Abu Faddan, Nafisa H. R. Abd El-Aziz, Hanan G. Abd El-Azeem and Tahra Shreif. Effect of Phototherapy on Blood Levels of Endothelin-1 and Nitric Oxide in Hyberbilirubinemic Newborn Infants. e-Journal of Neonatology Research, Vol 4, Issue 1, Winter 2014:14-20

19- Saad K, Abdel-Rahman AA, Elserogy YM, Al-Atram AA, Cannell JJ, Bjørklund G, Abdel-Reheim MK, OthmanHA, El-Houfey AA, Hashem EA, Abd El-Aziz NH, Abd El-Baseer KA, Ahmed AE, Ali AM. Vitamin D Status in Autism spectrum disorders and the Efficacy of Vitamin D Supplementation in Autistic Children. Nutr Neurosci. 2015 Apr 15.

20- Safwat M. AbdeAziz, Samia A M. Ibrahim, Nafisa H. R. AbdelAziz and Hebat allah M G Rashed. Risk factors predisposing to neonatal infection in mechanically ventilated newborns. Assuit Medical Journal, March 2015.

21 -Khaled Saad, Nafisa H.R. Abd Aziz, Amira A. El- Houfey, Osama El-Asheer, Sherif A.A. Mohamed, Ahmed E. Ahmed, Khaled A. Abdel Baseer, Manal M. Darwish. Trial of Vitamin D Supplementation in Infants with Bronchiolitis, A Randomized, Double-Blind, Placebo-Controlled Study. Pediatric Allergy, Immunology and Pulmonology April 2015.

22- Zahraa I Selim , Nafisa H R Abdel Aziz, Tahra Sherif, Eman M M Monzea. Serum Levels of Ghrelin, Adipokines, and Tumor Necrosis Factor- α (TNF- α) in Patients with Juvenile Idiopathic Arthritis in Assuit University Hospitals: Relation to Nutritional status and Disease Activity. The Gazette of the Egyptian Paediatric Association in April 2015.

23- Osama M. El-Asheer, M.S.K. Tawfeek, Nafisa H. Abd Aziz, Manal M. Darwish*, Madleen A. Abdou**, Khalid A. Sanousy. Serum vitamin D and IgE levels in infants and children under 2 years of age with recurrent chest wheeze. Egypt J Pediatr Allergy Immunol 2016;14(1):15-21.

24- [Nafisa H. R. AbdelAziz](#), Hanan G. AbdelAzeem, Eman M. M. Monazea , Tahra Sherif. Impact of thrombophilia on the risk of hypoxic ischemic encephalopathy in term neonates. Clinical and Applied Thrombosis/Hemostasis 2017, Vol. 23(3) 266-273

25- Ola Abd ElAziz Sayed MSc ,Sahar B. Hassan PhD ,Ayat Abdelkader MSc ,Mahmoud Elsabahy PhD ,[Nafisa H. R. Abdelaziz MD](#) ,Ahmed M. ElSayed PhD Stability Study and Clinical Evaluation of Lipid Injectable Emulsion in Parenteral Nutrition Admixtures Used for Preterm Neonates. Nutrition in Clinical Practice 16 July 2020

26- [Cognitive and ADHD disorders in benign epilepsy with Centrotemporal spikes: An Egyptian study](#) EFG Khalaf Abdelaal Sayed*, Gamal Ali Abdelal, Nafisa Hassan Refat Current Pediatric Research (2021) 25 (Issue 12)

27- [Role of grayscale transcranial ultrasound in the diagnosis of neonatal hypoxic-ischemic encephalopathy: a clinical audit study](#) NNM Omar, NHR Abdel-Aziz, KAI El-Moraba, MAM Hamed Journal of Current Medical Research and Practice 6 (1), 87

28- [Stability Study and Clinical Evaluation of Lipid Injectable Emulsion in Parenteral Nutrition Admixtures Used for Preterm Neonates](#)

OAEA Sayed, SB Hassan, A Abdelkader, M Elsabahy, NHR Abdelaziz, ...

Nutrition in Clinical Practice 36 (3), 696-703

29- [Targeted newborn hearing screening in the neonatal intensive care unit of Assiut University Hospital](#)

KM Omar, ES Mohamed, EAF Said, NHR AbdelAziz, MAA Aly The Egyptian Journal of Otolaryngology 38 (1), 39

30- [Early Predictor of Acute Kidney Injury in Newborns with Perinatal Asphyxia](#)

NH Refat, MA Fathy, AHAA Hafez, MA Sabra, EA Hamed, ... Journal of Child Science 13 (01), e104-e112

31- [Effect of Right lateral Position on Blood Oxygenation of Premature Infants after Weaning from Mechanical Ventilation](#)

HA Abdel-Nazeer, AE Ahmed, NHR AbdelAziz, AA Mobarak Assiut Scientific Nursing Journal 11 (34), 225-234

32- [Risk factors of necrotizing enterocolitis in neonatal intensive care unit of Assiut University Children Hospital](#)

NH Refat, AM AboEl-Gheit, SS Hasanien

33- [Impact of an Educational Program on Improving Nurses Knowledge and Practice Concerning Caring for Neonates with Respiratory Distress Syndrome](#)

NH Refat, NA Zak, EH Sayed, MK Ahmed

Assiut Scientific Nursing Journal 8 (22), 145-152

34- [Impact of Intrauterine Growth Restriction on Neonatal Frontal Lobe Dimensions \(Transcranial Sonographic Measurements\)](#)

EA AHMED, NHR ABD EL-AZIZ

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**35-Effect of pre-feeding sensorimotor stimulation on preterm infants' Outcomes . Sabreen Abd Allah Mustafa , Awatef El- sayed Ahmed , Nafisa Hassan Refaat , Amal ,Ahmed Mobarak
Afr.J.Bio.Sc. 6(2) (2024)**

36- Effect of Pre-Feeding Oral Motor Stimulation on Preterm Infants' Outcomes , Sabreen Abd-Allah Mostafa , Awatef El- sayed Ahmed , Nafisa Hassan Refaat& Amal Ahmed Mobarak , Assiut Scientific Nursing Journal , DOI: 10.21608/asnj.2024.296823.1840

Thesis supervision:

- 1- Early Predictor of Acute Kidney Injury in Newborns with Perinatal Asphyxia(thesis)
- 2- Effect of pre-feeding sensorimotor and Oral Motor stimulation on preterm infants' Outcomes (thesis)
- 3- Effect of Right lateral Position on Blood Oxygenation of Premature Infants after Weaning from Mechanical Ventilation (thesis)
- 4- Impact of an Educational Program on Improving Nurses Knowledge and Practice Concerning Caring for Neonates with Respiratory Distress Syndrome (thesis)
- 5- Targeted newborn hearing screening in the neonatal intensive care unit of Assiut University Hospital (thesis)
- 6- Risk factors of necrotizing enterocolitis in neonatal intensive care unit of Assiut University Children Hospital (thesis)
- 7- Detection of some metabolic disorders in suspected neonates admitted at Assuit university children hospital (thesis)
- 8- Risk factors predisposing to neonatal infection in mechanically ventilated newborns (thesis)
- 9- The state of serum vitamin D level in cases of urinary and lower respiratory infections, cross sectional study (thesis)

- 10- Assessment of nurses knowledge and performance about newborn congenital hypothyroidism screening in Assuit city (thesis)
- 11- Nurses knowledge and practices regarding endotracheal suctioning in neonatal care unit of Assuit university children hospital (thesis)
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- 14- Role of MDCT in diagnosis of congenital anomalies of gastrointestinal tract in neonates (thesis)
- 15- Study of some biochemical markers as predictors of hypoxic ischemic encephalopathy in term neonates (thesis)
- 16- Neonatal morbidity and mortality in neonatal care unit of Assuit university children hospital (thesis)
- 17- Neonatal jaundice in neonatal intensive care unit of Assuit university children hospital (clinical audit)
- 18- Neonatal sepsis and infection control measures , clinical audit in one year in neonatal unit of Assuit university children hospital (clinical audit)
- 19- Hypoxic ischemic encephalopathy in NICU of AUCH , clinical audit in one year (clinical audit)
- 20- Hand hygiene practice in neonatal unit of Assuit university children hospital (clinical audit)
- 21- Antimicrobial therapy in management of neonatal sepsis in neonatal unit of Assuit university children hospital (clinical audit)
- 22- Upper gastro intestinal bleeding in preterms admitted in neonatal unit of Assuit university children hospital (clinical audit)
- 23- Assessment of nutritional status in children with nephrotic syndrome (clinical audit)
- 24- Neonatal metabolic crisis (essay)
- 25- Intrauterine infections (essay)
- 26- Management of neonatal hypoxic ischemic encephalopathy (essay)
- 27- Advances in management of immune thrombocytopenic purpura (essay)
- 28- Some metabolic changes in epileptic children under anti epileptic therapy (essay)
- 29- Apnea in the newborn (essay)
- 30- Updates in diagnosis and management of metabolic diseases in children (essay)
- 31- Hematological emergencies in children (essay)
- 32- Infection control in pediatric intensive care units (essay)
- 33- Vascular effects of phototherapy in neonates (essay)

34- Vitamin D in children New aspects (essay)

35- Hemostatic dysfunction in neonates with hypoxic ischemic encephalopathy (essay)

36- Jaundice in pediatric patients (essay)