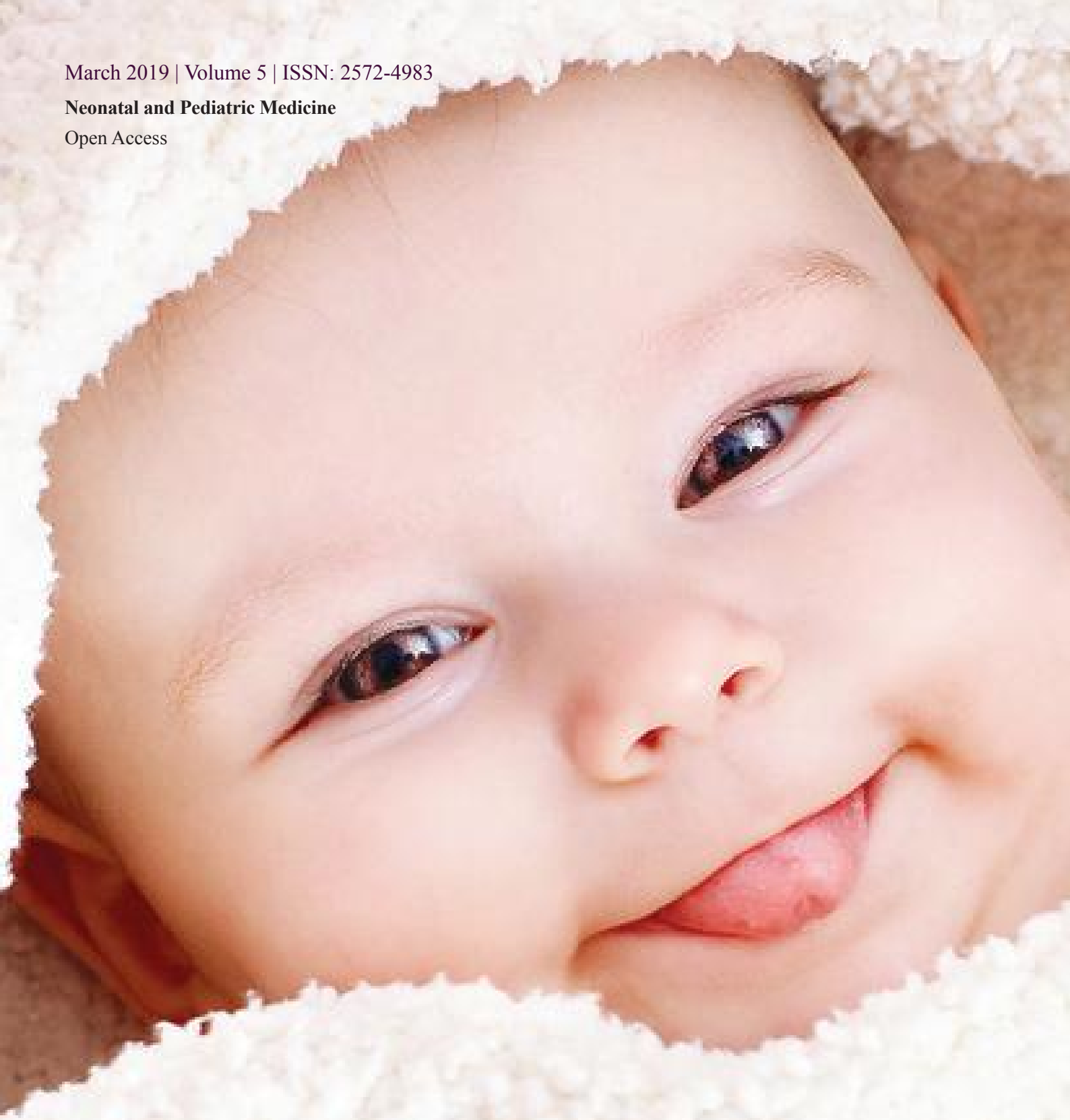
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**Neonatal and Pediatric Medicine**
Open Access



Proceedings of

# 28th World Neonatal, Pediatric & Family Medicine Conference

March 21-22, 2019 Dubai, UAE

# Scientific Program

*Faneotrics 2019*

**Thursday 21st March 2019** | **Day 1**

**09:00-09:30** Registration Opens

**Hall**

**09:30-10:00** Opening Ceremony

**10:00-11:00**

Keynote Presentation

**Title: Bio-physical tendencies with applied methods of mind/ body/soul techniques sound frequencies**

**Marilyn Nadine Parkin,** International College of Medical Intuition, Canada



**11:00-11:30** Networking and Refreshments Break with Group Photo

**11:30-12:30**

Keynote Presentation

**Title: Challenges in pediatric oral healthcare: An update**

**Rafif Tayara,** Dr Michael's Children Dental Center, UAE



**12:30-13:00**

**Sessions: Clinical Pediatrics | Pediatric Hematology and Oncology | Family Medicine**

Session Chair: **Mansour Khater Alzahrani,** Dar Al Uloom university, Saudi Arabia

Session Co-Chair: **Rui Wang,** Children's Hospital of Philadelphia, USA

**Title: Prevalence of nosocomial pneumonia associated to ventilators by MDR pathogens in a second level hospital during a two-year period**

**Guillermo Francisco Rosales Magallanes,** Issstecali Baja California, Mexico

Lunch Break 13:00-14:00 @ Restaurant

**14:00-14:30**

**Title: Challenges in the management of short stature**

**Nashwa Mohamed Baha Elddin,** Cairo University, Egypt

**14:30-15:00**

**Title: A study of knowledge, attitude and practice of children in and elementary school about using smart devices in Majmaah, KSA**

**Mansour Khater Alzahrani,** Dar Al Uloom University, Saudi Arabia

**15:00-15:30**

**Title: Neuro-NICU protecting neonatal brain health**

**Mahmoud Saleh Elhalik,** Latifa Hospital, UAE

**15:30-15:45**

**Video Presentation**

**Title: Immune-neuroendocrine and inflammatory reactions in increased mental and physical stress**

**Lejla R Stojanovic,** MediGroup, Serbia

**15:45-16:15** Networking and Refreshments Break @ Foyer

Panel Discussion

**Friday 22nd March 2019** | **Day 2**

**Hall**

**Special Session**

**10:00-11:00**

**Title: Improving motor function of children with cerebral palsy: What is the rational of early intervention?**

**Simone Battibugli,** The Children's Medical Centre, UAE

**11:00-11:30** Networking and Refreshments Break @ Foyer

**Young Research Forum**

**11:30-12:00**

**Title: Nurse led central line initiative: Protecting patients from harm**

**Rui Wang,** Children's Hospital of Philadelphia, USA

**12:00-12:30**

**Title: Paediatric small bowel obstruction: A hairy case**

**Brianna Twomey,** Geelong University Hospital, Australia

Lunch Break 12:30-14:00 @ Restaurant

**Poster Presentations@ 14:00-14:30**

**P-1**

**Title: Effectiveness of video-clip intervention related to birthing process on behavioural responses of women during labour at BPKIHS, Dharan Nepal**

**Nirmala Pokharel,** BP Koirala Institute of Health Sciences Dharan, Nepal

**P-2**

**Title: Practice and problems associated with menstrual hygiene among homemaker women of reproductive age residing in a selected ward of Dharan, Sunsari, Nepal**

**Angur Devi Dhital,** BP Koirala Institute of Health Sciences Dharan, Nepal

Panel Discussion

**Closing Cermony**



# Supporting Journals

Neonatal and Pediatric Medicine

www.omicsonline.org/neonatal-and-pediatric-medicine.php

Journal of Neonatal Biology

www.omicsonline.org/neonatal-biology.php

Clinical Pediatrics: Open Access

www.omicsonline.org/clinical-pediatrics.php





*Faneotrics 2019*

# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE








## Organizing Committee Members



**Stephanie Wellington**
Institute for Professional Excellence in Coaching, USA



**Marilyn Parkin**
International College of Medical Intuition, Canada



**Amr Samir Abdelaal Mohamed**
Nation Hospital
United Arab Emirates



**José de Jesús Pérez Ortega**
University Clinic of Primary Care
Mexico



**Simone Battibugli**
The Children's Medical Centre in Dubai, UAE



**Wadah M Khriesat**
King Abdullah University
Jordan



**Mohammed El Beltagi**
Tanta University
Egypt



**Mohamed Abou Seif Badawi**
New Al Qassimi Women and Children Hospital, UAE

# Organizing Committee Members

# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







## Collaborations & Media Partners

# Collaborations







# Media Partners































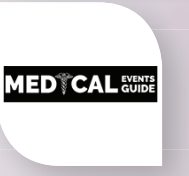


















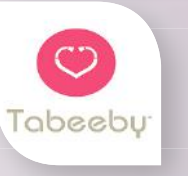















# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







Exhibitor




# Anaya Medical Group Inc

## About The Company

Anaya Medical Group Inc. is specialized in Hospital Equipments including Critical Care, ER, NICU & PICU Products. We distribute our products in Canada & Internationally including Middle East Countries. Our divisions are run by highly experienced and qualified bio-medical engineers, physicians, and science specialists who work in harmony according to defined process and systems which are continuously developed to ensure that we can offer outstanding quality and highly efficient products and services. Our Sales Department is run by experienced professional and qualified medical and science specialists who are aware of market requirements. They maintain excellent customer relations to promote the Neonatal & Pediatrics Products.

**Our Vision**

Our vision is to provide the best healthcare products & services. This is our commitment to our Clients & Partners in the healthcare system. This will be achieved by providing our customers with innovative product design and excellent manufacturing quality.

## Contact Details

Anaya Medical Group Inc.
5370 Canotek Road Ottawa ON K1J 9E8
Canada
Tel: +1 613 7209885
Email: info@anayamedicalgroup.com
www.anayamedicalgroup.com

*Exhibitor*

# 28th World Neonatal, Pediatric and Family Medicine Conference

**March 21-22, 2019 Dubai, UAE**







# Dubai, UAE



2nd World Congress on
Nutrition and Obesity Prevention
March 21-22, 2019 | Dubai, UAE
*obesityprevention.nutritionalconference.com*

25th International Conference on
Human Metabolic Health: Diabetes, Obesity, and Metabolism
March 21-22, 2019 | Dubai, UAE
*humanmetabolism.healthconferences.org*

28th World Neonatal, Pediatric and Family Medicine Conference
March 21-22, 2019 | Dubai, UAE
*neonatal.pediatricsconferences.com*

14th World Conference on
Infectious Diseases, Prevention and Control
March 21-22, 2019 | Dubai, UAE
*infectious-diseases.conferenceseries.com*

International Conference on
Rare Diseases and Orphan Drug
June 17-18, 2019 | Dubai, UAE
*rarediseases-orphan.conferenceseries.com*

Annual Conference on
Bacterial, Viral and Infectious Diseases
June 17-18, 2019 | Dubai, UAE
*bacterialdiseases.infectiousconferences.com*

International Conference on
Mass Spectrometry and Chromatography
June 17-18, 2019 | Dubai, UAE
*chromatography.massspectra.com*

7th Epidemiology and Public Health Conference
June 17-18, 2019 | Dubai, UAE
*epidemiology.healthconferences.org*

29th International Conference on
Public Mental Health and Neurosciences
June 17-18, 2019 | Dubai, UAE
*mental-health.neurologyconference.com*

2nd Annual Conference on
Pediatric Nursing and Healthcare
June 17-18, 2019 | Dubai, UAE
*healthcare.nursingconference.com*

22nd World Congress on
Nursing, Pharmacology and Healthcare
June 17-18, 2019 | Dubai, UAE
*pharmacology.nursingconference.com*

International Conference on
Viral Infection and Immune Response
June 17-18, 2019 | Dubai, UAE
*immuneresponse.vaccineconferences.com*

2nd World Congress on
Traditional and Complementary Medicine
June 20-21, 2019 | Dubai, UAE
*traditionalmedicine.pharmaceuticalconferences.com*

International Conference on
Herbal and Traditional Medicine
June 20-21, 2019 | Dubai, UAE
*herbal-traditional.conferenceseries.com*

6th International Conference on
Otology, Rhinology and Laryngology
June 20-21, 2019 | Dubai, UAE
*otorhinolaryngology.conferenceseries.com*

International Conference on
Pharmacology and Toxicology
June 20-21, 2019 | Dubai, UAE
*pharmacodynamics.conferenceseries.com*

25th Cognitive Neuroscience Congress
June 20-21, 2019 | Dubai, UAE
*cognitive.neuroconferences.com*

Annual Congress on
Yoga and Meditation
June 20-21, 2019 | Dubai, UAE
*yoga-meditation.healthconferences.org*

2nd International Conference on
Molecular Biology and Medicine
August 26-27, 2019 | Dubai, UAE
*molecularbiology.biochemistryconferences.com*

Cellular and Molecular Mechanism Conference: Health and Disease
August 26-27, 2019 | Dubai, UAE
*cellularmechanism.conferenceseries.com*

5th International Conference on
Medicinal Practices: Herbal, Holistic and Traditional
August 26-27, 2019 | Dubai, UAE
*medicinalpractices.conferenceseries.com*

18th International Conference on
Gastroenterology and Digestive Disorders
September 23-24, 2019 | Dubai, UAE
*gastroenterology.gastroconferences.com*

Annual Conference on
Inhalation Toxicology
September 23-24, 2019 | Dubai, UAE
*inhalationtoxicology.conferenceseries.com*

3rd Annual Aging Conference:
Cellular Mechanisms and Therapeutics
September 23-24, 2019 | Dubai, UAE
*cellularmechanisms.healthconferences.org*

18th Global Ophthalmology, Optometry and Glaucoma Conference
September 23-24, 2019 | Dubai, UAE
*glaucoma.conferenceseries.com*

Materials Electrochemistry Conference: Advancements and Breakthroughs
September 26-27, 2019 | Dubai, UAE
*materialselectrochemistry.conferenceseries.com*

21st International Conference on
Advanced Materials Science and Nano Technology
September 26-27, 2019 | Dubai, UAE
*materialscience-nano.conferenceseries.com*

7th Global Summit on
Artificial Intelligence and Neural Networks
September 26-27, 2019 | Dubai, UAE
*neuralnetworks.conferenceseries.com*

World Conference on
Vaccine and Immunology
November 21-22, 2019 | Dubai, UAE
*immune.vaccineconferences.com*

23rd World Congress on
Pediatrics, Neonatology and Primary Care
November 21-22, 2019 | Dubai, UAE
*neonatalcare.pediatricsconferences.com*

2nd International Conference on
Oral Health and Dental Medicine
November 21-22, 2019 | Dubai, UAE
*oralhealth.dentalcongress.com*

Annual Midwifery and Pediatric Nursing Congress
November 25-26, 2019 | Dubai, UAE
*midwifery-pediatrics.nursingconference.com*

Annual Conference on
Magnetism and Magnetic Materials
November 25-26, 2019 | Dubai, UAE
*magnetic.materialsconferences.com*

International Conference on
Diabetes and Cholesterol Metabolism
November 25-26, 2019 | Dubai, UAE
*metabolicdiseases.conferenceseries.com*

2nd International Conference on
Obesity and Diet Imbalance
November 25-26, 2019 | Dubai, UAE
*obesity-diet.nutritionalconference.com*

International Conference on
Nephrology
November 25-26, 2019 | Dubai, UAE
*nephrology.nephroconferences.com*

Annual Conference on
Urology and Nephrological Disorders
November 25-26, 2019 | Dubai, UAE
*urology.nephroconferences.com*

2nd World Heart Rhythm Conference
November 25-26, 2019 | Dubai, UAE
*heartrhythm.cardiologymeeting.com*

International Conference on
Biostatistics and Informatics
December 12-13, 2019 | Dubai, UAE
*biostatistics.conferenceseries.com*

2nd World Congress on
Oil, Gas and Petroleum Refinery
December 12-13, 2019 | Dubai, UAE
*petroleumrefinery.conferenceseries.com*

20th World Conference on
Pharmaceutical Chemistry and Drug Design
December 16-17, 2019 | Dubai, UAE
*drug-chemistry.pharmaceuticalconferences.com*

10th Annual Congress on
Drug Formulation and Analytical Techniques
December 16-17, 2019 | Dubai, UAE
*drugformulation-bioavailability.pharmaceuticalconferences.com*

16th International Conference on
Structural Biology
December 16-17, 2019 | Dubai, UAE
*structural-biology.biochemistryconferences.com*

International Conference on
Environmental Microbial Biofilms and Human Microbiomes
December 16-17, 2019 | Dubai, UAE
*microbialbiofilms.conferenceseries.com*

6th World Congress on
Smart Materials and Polymer Technology
December 16-17, 2019 | Dubai, UAE
*smart.materialsconferences.com*



# Abu Dhabi, UAE

12th World Conference on
Human Genomics and Genomic Medicine
April 8-9, 2019 | Abu Dhabi, UAE
*humangenome.geneticconferences.com*

6th World Congress on
Human Genetics and Genetic Diseases
April 8-9, 2019 | Abu Dhabi, UAE
*humangenetics.geneticconferences.com*

2nd Global Meeting on
Oncology and Radiology
April 8-9, 2019 | Abu Dhabi, UAE
*radiology-oncology.annualcongress.com*

International Conference on
Womens Health, Reproduction and Fertility
April 8-9, 2019 | Abu Dhabi, UAE
*reproduction.conferenceseries.com*

2nd International Conference on
Nutrition, Food Science and Technology
April 8-9, 2019 | Abu Dhabi, UAE
*foodtechnology.nutritionalconference.com*

10th World Congress on
Bioavailability and Bioequivalence
April 8-9, 2019 | Abu Dhabi, UAE
*bioavailability-bioequivalence.pharmaceuticalconferences.com*

8th Pediatric Ophthalmology and Optometry Conference
April 11-12, 2019 | Abu Dhabi, UAE
*pediatrics.ophthalmologyconferences.com*

International Conference on
Pediatric Nursing and Healthcare
April 11-12, 2019 | Abu Dhabi, UAE
*pediatrics-nursing.nursingmeetings.com*

International Conference on
Medicine, Nursing and Healthcare
April 11-12, 2019 | Abu Dhabi, UAE
*medicine.nursingmeetings.com*

6th International Conference on
Drug Discovery and Toxicology
July 15-16, 2019 | Abu Dhabi, UAE
*drugchemistry.pharmaceuticalconferences.com*

3rd International Conference on
Molecular Medicine and Diagnostics
July 15-16, 2019 | Abu Dhabi, UAE
*molecularmedicine.conferenceseries.com*

International Conference on
Biomarkers and Clinical Research
July 15-16, 2019 | Abu Dhabi, UAE
*biomarkerscongress.conferenceseries.com*

26th Cancer Genomics Congress: New Era for Cancer Prevention
July 15-16, 2019 | Abu Dhabi, UAE
*cancergenomics.cancersummit.org*

26th International Diabetes and Healthcare Conference
July 18-19, 2019 | Abu Dhabi, UAE
*diabetic.healthconferences.org*

International Conference on
Obesity and Chronic Diseases
July 18-19, 2019 | Abu Dhabi, UAE
*chronicdiseases.conferenceseries.com*

14th World Congress on
Industrial Healthcare and Medical Tourism
July 18-19, 2019 | Abu Dhabi, UAE
*healthcare.global-summit.com/middleeast*

2nd International Conference on
Polymerization Catalysis, Flexible Polymer and Nanotechnology
July 18-19, 2019 | Abu Dhabi, UAE
*polymer-catalysis.conferenceseries.com*

International Conference on
Molecular Markers and Cancer Therapeutics
October 14-15, 2019 | Abu Dhabi, UAE
*moleculermarkers.cancersummit.org*

International Conference on
Biomarkers and Cancer Targets
October 14-15, 2019 | Abu Dhabi, UAE
*cancertargets.conferenceseries.com*

2nd International Conference on
Food Safety and Health
October 14-15, 2019 | Abu Dhabi, UAE
*foodsafety.nutritionalconference.com*

12th World Congress on
Food Chemistry and Food Microbiology
October 14-15, 2019 | Abu Dhabi, UAE
*foodchemistry-microbiology.conferenceseries.com*

22nd World Nanotechnology Congress
October 14-15, 2019 | Abu Dhabi, UAE
*nanotechnologycongress.conferenceseries.com*

19th International Conference on
Gastroenterology and Hepatology
November 18-19, 2019 | Abu Dhabi, UAE
*gastrocongress.conferenceseries.com*

8th International Conference on
Bacteriology and Infectious Diseases
November 18-19, 2019 | Abu Dhabi, UAE
*bacteriology.infectiousconferences.com*

International Pediatrics, Infectious Diseases and Healthcare Conference
November 18-19, 2019 | Abu Dhabi, UAE
*pediatrics.infectiousconferences.com*

11th Annual Congress on Bioenergy and Biofuels
November 18-19, 2019 | Abu Dhabi, UAE
*biofuels-bioenergy.conferenceseries.com/middleeast*

6th World Congress on Physiotherapy and Rehabilitation
November 18-19, 2019 | Abu Dhabi, UAE
*physiotherapy.conferenceseries.com/middleeast*

International Conference on Biomaterials for Bone Tissue Engineering
November 18-19, 2019 | Abu Dhabi, UAE
*bonetissueengineering.conferenceseries.com*

International Conference on Orthopedics and Sports Medicine
November 18-19, 2019 | Abu Dhabi, UAE
*orthopaedics.healthconferences.org*

2nd World Brain Congress
December 5-6, 2019 | Abu Dhabi, UAE
*brain.neuroconferences.com*

Head and Neck Conference: The Multidisciplinary Approach
December 05-06, 2019 | Abu Dhabi, UAE
*headneck-treatment.conferenceseries.com*

World Eye and Vision Congress
December 05-06, 2019 | Abu Dhabi, UAE
*eye.conferenceseries.com*

26th International Conference on Neurology: Neurochemistry, Neuropharmacology and Neurosciences
December 5-6, 2019 | Abu Dhabi, UAE
*neurochemistry.neurologyconference.com*

2nd International Conference on Neurology and Neurosurgery
December 05-06, 2019 | Abu Dhabi, UAE
*neurooncology-surgery.conferenceseries.com*

8th World Conference on Women's Health and Breast Cancer
December 09-10, 2019 | Abu Dhabi, UAE
*womens.healthconferences.org*

2nd World PCOS Congress
December 09-10, 2019 | Abu Dhabi, UAE
*pcos.healthconferences.org*



## Istanbul, Turkey

International Conference on Nanomedicine and Nanotechnology
May 27-28, 2019 | Istanbul, Turkey
*nanomedicine.nanotechconferences.org*

27th International Conference on Nanomedicine and Nanomaterials
May 27-28, 2019 | Istanbul, Turkey
*nanomaterials.nanotechconferences.org*

2nd Global Practice Nursing and Health Care Congress
May 27-28, 2019 | Istanbul, Turkey
*nursepractitioner.nursingconference.com/middleeast*

2nd Annual Nursing Congress: The Art of Care
May 27-28, 2019 | Istanbul, Turkey
*healthcare.nursingmeetings.com*

18th International Conference on Pharmaceutics & Novel Drug Delivery Systems
May 27-28, 2019 | Istanbul, Turkey
*novel-drugdelivery-systems.pharmaceuticalconferences.com/middleeast*

2nd World Heart and Brain Conference
May 27-28, 2019 | Istanbul, Turkey
*heart-brain.conferenceseries.com*

Neuroimmunology and Neuroinflammation Conference: From Discovery to Health
November 11-12, 2019 | Istanbul, Turkey
*neurodegenerative.neuroconferences.com*

International Conference on Bipolar Disorder: Psychiatry and Mental Health
November 11-12, 2019 | Istanbul, Turkey
*bipolar.neuroconferences.com*

20th Pharma Middle East Congress
November 11-12, 2019 | Istanbul, Turkey
*middleeast.pharmaceuticalconferences.com*

International Conference on Anesthesiology and Critical Care
November 11-12, 2019 | Istanbul, Turkey
*anesthesiology.healthconferences.org*

2nd International Conference on Clinical Microbiology, Virology and Infectious Diseases
November 11-12, 2019 | Istanbul, Turkey
*microbiology.vaccineconferences.com*

International Conference on Antimicrobial and Antibacterial Agents
November 11-12, 2019 | Istanbul, Turkey
*antimicrobial.vaccineconferences.com*

32nd Materials Science and Engineering Conference: Advancement and Innovations
November 14-15, 2019 | Istanbul, Turkey
*materialscience.materialsconferences.com*

15th International Conference on Nephrology and Hypertension
November 14-15, 2019 | Istanbul, Turkey
*nephrologists.nephroconferences.com*

World Congress on Surgeons
November 14-15, 2019 | Istanbul, Turkey
surgeons.conferenceseries.com

31st Materials Science and Engineering Conference: Advancement and Innovations
November 14-15, 2019 | Istanbul, Turkey
*materialscience.materialsconferences.com*

## Bali, Indonesia



International Conference on
Agriculture, Food and Aqua
November 18-19, 2019 | Bali, Indonesia
*agriculture.foodtechconferences.com*

14th Annual Conference on
Crop Science and Agriculture
November 18-19, 2019 | Bali, Indonesia
*crops-agri.foodtechconferences.com*

4th International Anesthesia and Pain Medicine Conference
November 18-19, 2019 | Bali, Indonesia
*anesthesiology.conferenceseries.com*

6th Annual Congress on
Dentistry and Dental Medicine
November 18-19, 2019 | Bali, Indonesia
*dentalmedicine.dentalcongress.com*

2nd International Conference on
Allergy and Clinical Immunology
November 21-22, 2019 | Bali, Indonesia
*allergy.immunologyconferences.com*

World Neurone Congress
November 21-22, 2019 | Bali, Indonesia
*neurone.neurologyconference.com*

Neglected Tropical Diseases Congress: The Future Challenges
November 21-22, 2019 | Bali, Indonesia
*tropicaldiseases.infectiousconferences.com*

## Kuala Lumpur, Malaysia



3rd World Congress on Eye and Vision
April 22-23, 2019 | Kuala Lumpur, Malaysia
*vision.ophthalmologyconferences.com*

Annual Conference on
Laboratory Medicine and Pathology
April 22-23, 2019 | Kuala Lumpur, Malaysia
*lab-med.pathologyconferences.com*

Aging, Health, Wellness Conference: For a better Aging Care
April 22-23, 2019 | Kuala Lumpur, Malaysia
*aging.healthconferences.org*

21st World Dermatology and Aesthetic Congress
April 22-23, 2019 | Kuala Lumpur, Malaysia
*aesthetic.dermatologymeeting.com*

## CapeTown, South Africa



19th International Conference on
Medicinal and Pharmaceutical Chemistry
November 14-15, 2019 | CapeTown, South Africa
*pharma-medicinalchemistry.conferenceseries.com*

2nd World Congress on
Bio-organic and Medicinal Chemistry
November 14-15, 2019 | CapeTown, South Africa
*bioorganic-medicinal.chemistryconferences.org*

6th World Congress on
Epigenetics and Chromosome
November 14-15, 2019 | CapeTown, South Africa
*epigenetics.geneticconferences.com*

7th International Conference on
Environment and Climate Change
November 18-19, 2019 | Johannesburg, South Africa
*environmentclimate.conferenceseries.com*

International Conference on
Community Nursing and Public Health
November 18-19, 2019 | Johannesburg, South Africa
*community.nursingconference.com*

13th Annual Conference on
Dementia and Alzheimer's Disease
November 18-19, 2019 | Johannesburg, South Africa
*dementia.neuroconferences.com*

7th Annual Conference on
Parasitology & Infectious Diseases
November 18-19, 2019 | Johannesburg, South Africa
*parasitology.infectiousconferences.com*



# Helsinki, Finland

22nd International Conference on
Primary Healthcare and Emergency Nursing
April 29-30, 2019 | Helsinki, Finland
*nursing.healthconferences.org*

Annual Emergency Medicine and Acute Care Conference
April 29-30, 2019 | Helsinki, Finland
*emergencymedicine.healthconferences.org*

2nd International Conference on
Computer Science, Machine Learning and Big Data
April 29-30, 2019 | Helsinki, Finland
*computer-science.enggconferences.com*

9th European Epidemiology and Public Health Congress
April 29-30, 2019 | Helsinki, Finland
*euroepidemiology.conferenceseries.com*

International Conference on
Climate Change and Medical Entomology
April 29-30, 2019 | Helsinki, Finland
*climatechange.earthscienceconferences.com*

7th International Conference on
Hypertension and Healthcare
June 10-11, 2019 | Helsinki, Finland
*hypertension.cardiologymeeting.com*

29th International Conference on
Cardiology and Healthcare
June 10-11, 2019 | Helsinki, Finland
*healthcare.cardiologymeeting.com*

International Conference on
Cell Biology and Genomics
June 10-11, 2019 | Helsinki, Finland
*biology-medicine.conferenceseries.com*

5th World Holistic Nursing Conference
June 10-11, 2019 | Helsinki, Finland
*holistic.nursingconference.com*

2nd International Conference on
Addiction and Psychiatry
June 10-11, 2019 | Helsinki, Finland
*addiction.psychiatryconferences.com*

23rd World Nutrition and Pediatrics Healthcare Conference
June 10-11, 2019 | Helsinki, Finland
*nutrition.pediatricsconferences.com*

10th Tissue Repair and Regeneration Congress
June 13-14, 2019 | Helsinki, Finland
*tissuerepair.conferenceseries.com*

12th Annual Conference on
Stem Cell and Regenerative Medicine
June 13-14, 2019 | Helsinki, Finland
*stemcell-regenerative.conferenceseries.com*

International Conference on
Dermatology and Allergic Diseases
June 13-14, 2019 | Helsinki, Finland
*allergicdiseases.dermatologymeeting.com*

World Congress on
Epilepsy and Brain Disorders
June 13-14, 2019 | Helsinki, Finland
*epilepsycongress.neuroconferences.com*

2nd World Physical Medicine and Rehabilitation Conference
June 13-14, 2019 | Helsinki, Finland
*rehabilitation.healthconferences.org*

2nd Global Physicians and HealthCare Congress
June 13-14, 2019 | Helsinki, Finland
*physicianscongress.conferenceseries.com*
*physicians.conferenceseries.com/middleeast*

34th International Conference on
Dental and Oral Health
October 21-22, 2019 | Helsinki, Finland
*dentalmanagement.dentalcongress.com*

World Congress on
Food and Nutrition
October 21-22, 2019 | Helsinki, Finland
*food-technology.nutritionalconference.com*

World Conference on
Breast and Cervical Cancer
October 21-22, 2019 | Helsinki, Finland
*breast-cervical.cancersummit.org*

5th International Conference on
Geological and Environmental Sustainability
October 24-25, 2019 | Helsinki, Finland
*geology.conferenceseries.com*

6th World Machine Learning and Deep learning Conference
October 24-25, 2019 | Helsinki, Finland
*machinelearning.conferenceseries.com*

8th International Conference on
Chronic Obstructive Pulmonary Disease (COPD)
October 24-25, 2019 | Helsinki, Finland
*copd.healthconferences.org*

31st International Conference on
Psychiatry and Mental Health
October 24-25, 2019 | Helsinki, Finland
*psychiatry.neuroconferences.com*

Annual Conference on
Catalysis for Green and Sustainable Energy
November 25-26, 2019 | Helsinki, Finland
*green-catalysis.conferenceseries.com*

4th International Conference on
Crystallography and Novel Materials
November 25-26, 2019 | Helsinki, Finland
*crystallography.materialsconferences.com*

9th International Conference on
Biopolymers and Polymer Sciences
November 25-26, 2019 | Helsinki, Finland
*biopolymers.materialsconferences.com*

World Cosmetic and Dermatology Congress
November 25-26, 2019 | Helsinki, Finland
*cosmetic.dermatologymeeting.com*

International Dermatology Conference: Skin and Body
November 25-26, 2019 | Helsinki, Finland
*skin-body.dermatologymeeting.com*

Annual Congress on
Oral Care: Dental and Orthodontics
November 25-26, 2019 | Helsinki, Finland
*oralcare.dentalcongress.com*

European Pathology and Infectious Disease Conference
November 25-26, 2019 | Helsinki, Finland
*biopathology.pathologyconferences.com*

2nd Middle East Pharmacy and Pharmaceutical Conference
December 02-03, 2019 | Helsinki, Finland
*pharma.pharmaceuticalconferences.com*

10th Annual Congress on
Bioenergy and Biofuels
December 02-03, 2019 | Helsinki, Finland
*eurobioenergy.enggconferences.com*

13th World Pediatric Congress
December 02-03, 2019 | Helsinki, Finland
*pediatrics-congress.conferenceseries.com*

World Congress on
Rare Diseases
December 02-03, 2019 | Helsinki, Finland
*rarediseases.infectiousconferences.com*



# Bucharest, Romania

International Epigenetics and Epitranscriptomics Conference
November 28-29, 2019 | Bucharest, Romania
*epitranscriptomics.geneticconferences.com*

World Conference on
Optics, Photonics and Telecommunications
November 28-29, 2019 | Bucharest, Romania
*opticsphotonics.physicsmeeting.com*

Annual Conference on
Nanoscience, Nanotechnology and Advanced Materials
November 28-29, 2019 | Bucharest, Romania
*nanoscience.nanotechconferences.org*

2nd Annual Conference on
Stroke and Neurological Disorders
November 28-29, 2019 | Bucharest, Romania
*stroke.neuroconferences.com*

# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







Keynote Forum (Day 1)

Marilyn Nadine Parkin, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-010

# 28th World Neonatal, Pediatric and Family Medicine Conference

**March 21-22, 2019 Dubai, UAE**



## *Marilyn Nadine Parkin*

*International College of Medical Intuition, Canada*

## Bio-physical tendencies with applied methods of mind/body/soul techniques sound frequencies

The study was conducted to determine the effects of sound vibration on individuals with depression. The study also examined changes to the blood cell after the intervention of vibratory frequencies ranging from 120 Hz to 10 Hz throughout the magnetic field of the body. Variables introduced were time frame of one hour of control group listening to music and experimental group positioned on a sound vibrational treatment table to absorb the music vibrations. The random study was conducted on 60 subjects with inclusion of 25 to 45 years of age and >6 months maintenance dose of antidepressant drug, Paxil. Measurement was accomplished through evaluation of Live Blood Analysis and Hamilton Rating Scale for Depression. A blood draw process of Live Blood Analysis was obtained and examined for specific quality and level of visible clumping. Post blood analysis determined less clumping and healthier activity of the cell after intervention in the experimental group. The Live Blood Analysis of the control group remained unchanged. Hamilton Rating Scale for Depression indicated decreased levels of depression in experimental group. Hypothesis supports changes toward healthier cellular activity and appearance of less blood cell clumping and decreased level of depression with increased levels of frequency through sound vibrational treatment table. Application of this model has been applied within informal studies and observations on adults and children for various conditions with similar results.

### Biography

Marilyn Nadine Parkin has completed her PhD in Energy Medicine through an innovative program designed by Norm Shealy and Caroline Myss. She has completed a Formal Research Study (clinical depression) on sound frequencies effect on the physiology of the body as well as years of data collection on efficacy of applied intuition as a therapeutic tool. She has completed her Graduation in Sociology and Psychology. Her courses are practical and based on intuitive as well as scientific knowledge.

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Rafif Tayara, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-010

# 28th World Neonatal, Pediatric and Family Medicine Conference

**March 21-22, 2019 Dubai, UAE**



## *Rafif Tayara*

*Dr. Michael's Children Dental Center, UAE*

## Challenges in pediatric oral healthcare: An update

**Introduction:** Come look with me at the different facades of the most common chronic childhood disease existing today: Early Childhood caries. The conundrum of balancing the essential and basic ethical oral health needs of an individual with his aesthetic and social wants has not been able to be resolved in the profession of Pediatric Dental Medicine. This has led to a great disparity in access to oral health services even in the richest most developed countries. Universal affordable access to quality essential dental care remains elusive in all these countries who have otherwise achieved this standard in all other areas of healthcare. This problem is far more accentuated when we look at pediatric oral health care. Pediatric dental treatment under general anesthesia due to advanced tooth decay, a completely preventable disease, is now the leading cause of ambulatory surgery in United States and United Kingdom! With the explosive growth of the middle class worldwide and especially in the GCC countries, their associated greater access to highly processed sugars, lack of availability of preventive oral health services and the lack of knowledge of healthcare professionals about oral healthcare in children, the dental profession will be faced with a challenge far greater than anything it has ever faced before. And this will be far more pronounced in the pediatric population.

**Aim:** We aim to raise awareness among healthcare professionals about early childhood caries as a global healthcare issue and bridging the existing gap about pediatric dentistry as a global healthcare issue.

**Method:** Evidence-based data will show the lack of sufficient knowledge among medical professionals about oral health and childhood caries.

**Result:** Early Childhood caries not detected by many pediatricians and lack of proper patients' guidance on oral health prevention methods.

**Conclusion:** There's a big gap to fill in terms of raising oral health awareness among family doctors and pediatricians in regards to early childhood caries, its detection, prevention methods, impact on children and treatment.

### Biography

Rafif Tayara is Pediatric dentist, trained both at St-Justine Children's Hospital in Montreal and at Saint-Joseph University in Beirut. She lived and worked in Montreal, Beirut, Abu Dhabi, Doha and Dubai and gathered an extensive experience of 15 years in treating children in different healthcare systems.

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**Notes:**



# *Faneotrics 2019*

# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







Scientific Tracks & Abstracts (Day 1)

# Scientific Sessions:



## Clinical Pediatrics | Pediatric Hematology and Oncology | Family Medicine

**Session Chair**
**Mansour Khater Alzahrani**
Dar Al Uloom University, Saudi Arabia

**Session Co-Chair**
**Rui Wang**
Children's Hospital of Philadelphia, USA

| Session Introduction | |
|---|---|
| Title: | **Prevalence of nosocomial pneumonia associated to ventilators by MDR pathogens in a second level hospital during a two-year period** |
| | **Guillermo Francisco Rosales Magallanes,** Issstecali Baja California, Mexico |
| Title: | **Challenges in the management of short stature** |
| | **Nashwa Mohamed Baha Elddin,** Cairo University, Egypt |
| Title: | **A study of knowledge, attitude and practice of children in and elementary school about using smart devices in Majmaah, KSA** |
| | **Mansour Khater Alzahrani,** Dar Al Uloom University, Saudi Arabia |
| Title: | **Neuro-NICU protecting neonatal brain health** |
| | **Mahmoud Saleh Elhalik,** Latifa Hospital, UAE |

Guillermo Francisco Rosales Magallanes et al., Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011



## Prevalence of nosocomial pneumonia associated to ventilators by MDR pathogens in a second level hospital during a two year period

**Guillermo Francisco Rosales Magallanes, Becerra-Cardenas Eduardo Daniel and Luis-Ordaz Alan**
Issstecali Baja California, Mexico

**Aim:** The study aims to determine the frequency of ventilator associated pneumonia by MDR bacteria, patient's characteristics and associated mortality rate in Hospital Issstecali during 2016-2017.

**Design:** It is a descriptive, observational, analytical and retrospective study.

**Method:** We collected data from the clinical records of patients who had presented ventilator associated nosocomial pneumonia with a bacterial isolate with an MDR profile. We included gender, age, comorbidities, predisposing risk factors, results of isolates, sensibility pattern, days of stay and obtained results. Frequencies and rates were calculated.

**Results:** During January 2016-November 2017, there were 106 cases of nosocomial pneumonia of which 56 of them were ventilator related. Bronchial secretion cultures were included in a 52% coming from men of median age of 62 years, comorbidities, arterial hypertension (50%), diabetes mellitus (41.5%), chronic kidney disease (14.9%), stroke and bedriddenness. A mean of 27.3 days of hospital stay were calculated. Of the total cultures, 26 of them showed development of bacteria with a MDR phenotype (24%) (Attack rate: 3.6 cases/1000 days of mechanical ventilation). *Pseudomonas aeruginosa* in 11 cultures (42.3%), *Crhyseomonas luteola* 15.3% of cultures and *Escherichia coli* 11.5%, *Klebsiella* group 47 7.6%. Their mechanisms of resistance were determined according to the phenotype reported in the anti microbiogram, showing a resistance to more than four families of antibiotics. The mortality rate was calculated at 19.3% cases in which the cause of death was directly related to the infectious process (rate: 0.7 deaths in 1000 egresses).

**Conclusion:** The isolation of MDR pathogens is not very common. However, they generate a high mortality/morbidity index and a great weight in our unit.

**Recommendations:** Reinforce the rational use of antibiotics program as well as the control of nosocomial infections so as to reduce their impact.

### Biography

Guillermo Francisco Rosales Magallanes is the Head of Service of Infectology at Hospital Issstecali Mexicali in Baja California. Currently he is dedicated to the area of clinical research in the area of infections associated with health care.

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**Notes:**

Nashwa Mohamed Baha Elddin, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011



## Challenges in the management of short stature

**Nashwa Mohamed Baha Elddin**
Cairo University, Egypt

Human growth is regulated by genetic, hormonal, nutritional and environmental factors that interact to culminate in a complex process of cell replication in all tissues. Short stature is defined as height below 3rd centile or less than two Standard Deviations (SDs) below the median height for that age and sex according to the population standard or even if the height is within the normal percentiles but growth velocity is consistently below 25th percentile over 6-12 months of observation. It is estimated that short stature to be around 3-5%. The prevalence of Growth Hormone Deficiency (GHD) is around 1 in 4,000. Evidence-based procedures, relating specifically to height screening for identification of short stature, auxological criteria for patient referral from primary to secondary pediatric care and general and endocrine investigations and diagnosis should be followed. The Guidelines for Growth Hormone and Insulin-Like Growth Factor-1 Treatment in Children and Adolescents. The rationale for treating short stature in childhood includes increasing height and alleviating psychosocial disability while maintaining favorable risk, benefit and cost, benefit ratios. Selection among management options may therefore depend on the degree to which each one meets these goals.

### Biography

Nashwa Mohamed Baha Elddin has completed her MBBCh at Cairo University, Egypt in 1989 and Master's degree in Pediatrics from the same university in 1995. In 2005, she received her MD degree in Pediatric and Neonatal Medicine from Ain Shams University, Egypt. She worked as a Consultant Pediatric Endocrinology and Diabetes in Egyptian health insurance hospitals and in Cairo University Pediatric Hospital (CUPH-Abo El Rish). In 2006, she moved to UAE and continued her practice as Head of Pediatric Department in private hospitals in Abu Dhabi. She has participated in academic researches, in international and national conferences, and has gained clinical attachment with Wilford Hall Hospital, USA. Currently, she is a Member of the European Society for Pediatric Endocrinology, Egyptian Pediatric Association, Egyptian Society of Pediatric Endocrinology and Diabetes, Egyptian Obesity Association and Egyptian Society of Child Care Assistance to Young Diabetics.

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**Notes:**

Mansour Khater Alzahrani, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011



# A study of knowledge, attitude and practice of children in and elementary school about using smart devices in Majmaah, KSA

**Mansour Khater Alzahrani**
Dar Al Uloom University, Saudi Arabia

**Introduction:** Smart devices usage has increased among children recently. Young children are using smart devices anytime and anywhere, especially with the invention of smart phones and the replacement of desktop computers with digital tablets. With the rapid improvement advancement in smart devices, there is an explosion of electronic media games/education packages directed at preschool children in many societies.

**Methodology:** This is a cross-sectional study dealing with the knowledge, attitude and practices of children in elementary school about using smart devices in Majmaah city. It involves the use of a close ended self-questionnaire by the 231 participants between 7-12 years old analyzed by using the SPSS version 23.

**Results:** Majority of the participants 176 (76.2%) use smart devices for playing but very few 10 (4.3%) use them to help them studying. Majority of the parents strongly agree on that the devices have a negative effect on studying, sleeping, behavior (aggressiveness) and physical activities of their children. Only 22.5% of parents (52) are aware about risks of the smart devices. Children who playing game are not aware of its risks p=0.012. Children's attention significantly reduced after using of smart devices for two hours or more p=0.041.

**Conclusion:** Smart devices are widely available and regularly accessed by families and their elementary school children as an accepted part of daily life. This raises the need for parents to monitor their children's smart devices use to minimize potential health and development. Many issues were identified within this study including the negative impact of smart devices and the link between children's behavior and smart devices.

## Biography

Mansour Khater Alzahrani is working as a Consultant and Associate Professor of Family Medicine in Saudi Arabia. Currently, he is the Chairman of the Medical Education Department in Dar Al Uloom University. He was the Vice Dean of the Academic Affair and the Chairman of Family Medicine Department for more than four years at Majmaah University. He has published more than 12 scientific papers in the field of family medicine. He was involved in teaching of different modules in the college with great input in the family medicine module. He is the Head and Member in multiple scientific committees.

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## Notes:

Mahmoud Saleh Elhalik, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011



## Neuro-NICU protecting neonatal brain health

**Mahmoud Saleh Elhalik**
Latifa Hospital, UAE

The impact of the NICU environment on the infant's developing brain became evident to health care providers since many decades. The intrauterine environment protects the developing fetus against harsh outside stimulation while providing a variety of tactile, vestibular, chemical, hormonal, auditory and visual sensory stimuli in an integrated, optimum fashion. In contrast, prematurely born neonates and even some term newborns, exposed to fluctuations in hemodynamic vitals, temperature, touch, vestibular, gustatory, olfaction, noise, light, oxygen and nutrients, which can be very harmful on the developing brain and may permanently alter normal brain development. Moreover, uneventful events during delivery or neonatal sepsis, IVH, HIE and other illnesses can do the same harm to the neonatal developing brain and negatively affect the neurodevelopmental outcome of the NICU graduates. The concept of Neuro-NICU have emerged mainly in USA over the past few years in an attempt to protect the developing neonatal brain to ensure normal neurodevelopmental growth.

### Biography

Mahmoud Saleh Elhalik is the Head of Pediatric Department and Neonatology, a clinical governance theoretical and practical concepts for maintaining and improving the quality of patient care. All the element of Clinical Governance has been implemented in our department including: Education and Training, Clinical Audit, Clinical Effectiveness, promotion of high standard of quality of care, Risk Management, Research, Publication, continues unit Development through review and approval of new equipments and therapies provided in the NICU and the Pediatric Department.

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**Notes:**

# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







Special Session (Day 2)

Simone Battibugli, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011

# 28th World Neonatal, Pediatric and Family Medicine Conference

**March 21-22, 2019 Dubai, UAE**



## *Simone Battibugli*

*The Children's Medical Centre, UAE*

## Improving motor function of children with cerebral palsy: What is the rational of early intervention?

Cerebral palsy is the result of a non-progressive lesion or injury to developing brain and has multiple causes and clinical manifestations, making a discussion on diagnosis and screening challenging. In the past, the diagnosis of cerebral palsy was largely a clinical diagnosis, with the development of imaging it has been recommended that clinical diagnosis of cerebral palsy should be confirmed by imaging. Although difficult, early diagnosis is extremely important as it provides opportunity early intervention. Recently, there is a renewed interest in qualitative assessment of general movements in newborns. This cost effective diagnostic tool consists of observing the infant's spontaneous movements with promising results providing high specificity and sensitivity. Poor control of muscles and movement in children with cerebral palsy can be associated with a wide range of functional challenges. Traditional efforts to manage these motor disabilities have been directed to improving tone and promoting adequate motor patterns. Contemporary approaches to treatment are addressing muscle weakness as a common element of functional problems with encouraging results. Brain and muscle plasticity in response to specific types of therapy has been demonstrated in CP. The amazing developmental changes of the brain between preterm age and the age of 1 year post-term offers opportunities for early intervention. The goal of motor training is to optimize the development of skilled motor function. Fixed contractures are managed by lengthening of the muscle-tendon unit by the technique that delivers the safest and most effective surgical technique that gives appropriate amount of lengthening of the muscle for the child in question. Given that cerebral palsy presents at early in infancy and persists throughout an individual's lifetime, the disorder needs to be thought of and managed in the context of development, functioning with a family based and community integration.

### Biography

Simone Battibugli is currently working as Pediatric Orthopedic Surgeon at The Children's Medical Centre in Dubai. She has 10 years clinical and research experience as Faculty of Federal University of Sao Paulo. She has completed Pediatric Orthopedic Fellowship at Feinberg School of Medicine at Northwestern University, Children's Hospital, Chicago, USA and also as a Pediatric Orthopedic Fellowship at Shriners Hospital for Children, Lexington, USA. Her interests are in (1) Evidence based nedicine (2) Systematic literature review (3) Management and clinical research on neuromuscular disorders; as cerebral palsy, spina bifida and arthrogryposis multiplex congenital and (4) Congenital foot and lower limb deformities and other congenital and acquired musculoskeletal pathologies in children.

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# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







Young Researcher Forum

Rui Wang, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011



## Nurse-led central line initiative: Protecting patients from harm

**Rui Wang**
Children's Hospital of Philadelphia, USA

Staff nurses sought to shorten time to central line access for a vulnerable population. This harm prevention initiative included reducing injury from peripheral intravenous lines. Critically ill infants often require long term parenteral medications and nutrition. More consistent delivery, along with lowered risk of injury from PIVs are benefits of Peripherally Inserted Central Catheter (PICC) access for neonates. Many factors are related to timely line placement such as location of procedure; NIICU bedside versus interventional radiology, expertise of staff for insertion and patient safety. We sought to increase bedside PICC access as best practice. Ten experienced registered nurses in our NIICU were selected. The group completed required pediatric PICC qualification training to function independently. The team's objectives included shortening time to PICC placement, reducing patient harm by decreasing PIV extravasation and infiltrates and decreasing Central Line Associated Blood Stream Infections (CLABSIs), thereby contributing to decrease costs and shortened length of stay. Team leaders developed resources to facilitate communication and guide practice using a web-based community to improve efficiency and provide data collection tools to track outcomes; also creating an algorithm for PICC placement, annual competency for PICC team and a bedside PICC attempt job aid. Positive outcomes included: Decreased PICC waiting time, increased number of PICC lines placed at bedside versus patient transport to IR, limiting time delay and potential infant safety risks and significantly decreased in grade 3 and 4 PIV infiltrations. Based on positive outcomes of this nurse-led project, PICC team provides 24*7 care for NIICU patients.

### Biography

Rui Wang is an experienced RN, worked in neonatal nursing field for 24 years. She has multiple certifications related to neonatal nursing, PICC RN, RNC-NIC, ECMO, SDU (special delivery unit RN), BRN (breastfeeding resource RN). She serves as a Clinical Resource Nurse for bedside nurses, clinicians and families. She has successfully placed close to 400 PICCs for neonatal patients; the smallest patient weighed 450 grams. She was named as one of NICU PICC RN team co-leaders since May 2016. She has created online community for PICC team in 2016, which serves as an efficient communication and data collection tool.

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**Notes:**

Brianna Twomey, Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-011



## Paediatric small bowel obstruction: A hairy case

**Brianna Twomey**
Geelong University Hospital, Australia

**Introduction:** Bezoars are collections of indigestible foreign material in the gastrointestinal tract that are further classified according to their composition.

**Case Description:** We report a case of a small bowel obstruction secondary to a trichobezoar in a 6 year-old-female requiring an emergency laparotomy and enterostomy.

**Literature Review:** A review of the literature was conducted to identify reports similar to our case. Data regarding clinical presentation, complications and management was extracted and evaluated.

### Biography

Brianna Twomey is currently working in St. Vincent's Hospital, Melbourne, Australia.

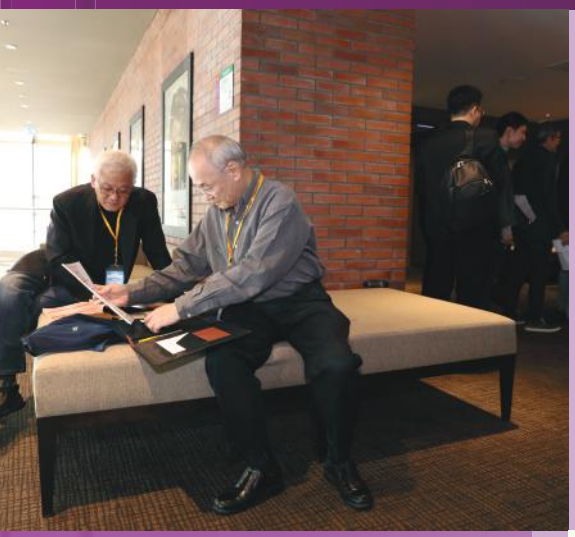
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**Notes:**

# 28th World Neonatal, Pediatric and Family Medicine Conference

March 21-22, 2019 Dubai, UAE







Posters

Nirmala Pokharel et al., Neonat Pediatr Med 2019, Volume 5
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# Effectiveness of video-clip intervention related to birthing process on behavioral responses of women during labor at BPKIHS, Dharan Nepal

**Nirmala Pokharel, Bhandari S, Shrestha M, Niraula S R and Pradhan T**
B P Koirala Institute of Health Sciences, Nepal

**Background & Aim:** Normal labor though a widespread term yet needs a crystal clear concept because birthing is a personal experience and perception differs in individually. Open and guided instructions in the form of a video-clip can impact a parturient perception and encourage her to act for self. The study aims to find the effect of video-clip intervention related to birthing process on behavior responses of primigravid women.

**Method:** An experimental study was conducted at antenatal ward and labor room of BPKIHS, Dharan from 24th Dec 2018-14th-21st Jan 2018. Total 30 respondents were divided randomly into two equal groups. Experimental group were given a 6-7 minute videoclip intervention about physiology of normal labour and behaviors to adopt during their first (latent) stage of labor and control group did not receive video-clip intervention. Both the group's behavior was observed in first (active) stage of labor, hourly five times. Data was analyzed using Pearson's Chi-square, Independent t test, Fisher exact and Mann-Whitney test.

**Result:** Most of the respondents belonged to age group 25-30 years in both the groups with mean age difference of 3 years. Experimental group had a higher mean behavior score of 180.73 as compared to 124 score in control group with (P<00.1) which shows a good statistical significance and shows the effect as a result of the intervention. The mean difference of scores between the two groups was 56.73. The findings articulate that experimental group had better behavior outcome as compared to the control group. There is no association between socio-demographic variables with behavior scores of respondents in both groups considering Chi-square and Fisher`s exact test (P<0.05).

**Conclusion:** Video-clip intervention was effective on improving the behavior responses of primigravid women during labor.

## Biography

Nirmala Pokharel has her expertise in Maternal Health Nursing. Her research and publications related to Advanced Maternal Age of Pregnancy among women and Practice of Nurses in the Prevention of vertical transmission of HIV in Selected Hospital of Eastern Region of Nepal.

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**Notes:**

Angur Devi Dhital et al., Neonat Pediatr Med 2019, Volume 5
DOI: 10.4172/2572-4983-C1-012



## Practice and problems associated with menstrual hygiene among homemaker women of reproductive age residing in a selected ward of Dharan, Sunsari, Nepal

**Angur Devi Dhital, Pokharel M and Shrestha M**
B P Koirala Institute of Health Sciences Dharan, Nepal

**Introduction & Aim:** Menstruation is a part of the female reproductive cycle that starts at the time of puberty. Any faulty belief or pertaining to menstruation will affect the health of large number of women in reproductive age group. The aim of the study were to assess practices and problems associated with menstrual hygiene among homemaker women of reproductive age residing in the selected ward of Dharan sub-metropolitan city and to find out the association between practices and problems associated with menstrual hygiene with the selected socio-demographic variables.

**Method:** Descriptive cross-sectional study design was used to conduct the study. Total 110 respondents meeting the eligibility criteria were included in the study using non-probability purposive sampling technique. Data were collected using semi-structured interview questionnaire. The data were entered in excel and analyzed using SPSS.

**Result:** About half i.e. 56 (50.9%) of the respondents were between 21-30 years. Majority i.e. 86 (78.2%) of the respondents was Hindu and 88 (80%) of respondents were literate. Almost entire i.e. 108 (98.2%) respondents were married. More than half i.e. 60 (54.5%) of the respondents had inadequate practices and about 78 (70.9%) of the total respondents experienced problems associated with menstrual hygiene.

**Conclusion:** The socio-demographic characteristics like age and educational status were only associated with practice regarding menstrual hygiene among the women of reproductive age residing in ward no-5, Dharan Sub-Metropolitan City.

### Biography

Angur Devi Dhital has her expertise in community health nursing and reproductive health in improving the health and wellbeing of common people. Her research and publications related to her expertise have contributed to the nursing science and education. She has experience of research, evaluation, teaching and administration both in community and education institution. Her most favored professional interest is teaching the nursing students of both bachelor and master levels.

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**Notes:**

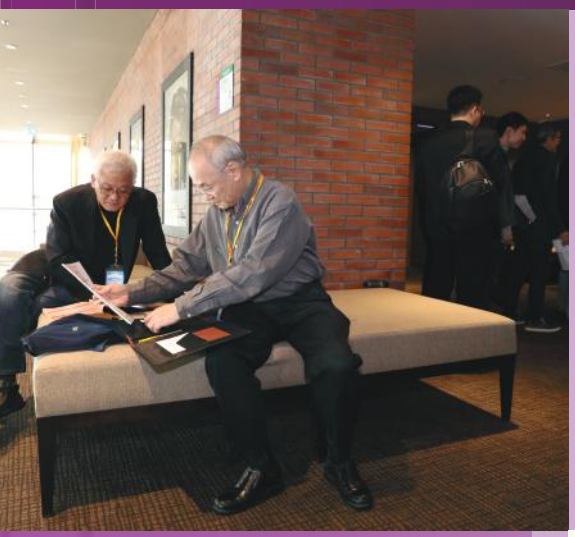


*Faneotrics 2019*

# 28th World Neonatal, Pediatric and Family Medicine Conference

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Accepted Abstracts

## Prevalence and risk factors of neonatal jaundice in special care baby unit of Ahmadu Bello University teaching hospital Zaria, Nigeria

**Mfuh Anita Yafeh[1], Sale U K[1] and C S Lukong[2]**

[1]Ahmadu Bello University, Nigeria

[2]Usmanu Danfodio University Teaching Hospital, Nigeria

Neonatal jaundice is a very common condition worldwide occurring in up to 60% of term and 80% of preterm newborns in the first week of life. It`s incidence varies with geography. It is a leading cause of hospitalization in the first week of life worldwide. If inappropriately managed, it may result in significant bilirubin-induced mortality and disability. The study seeks to determine the prevalence and risk factors of neonatal jaundice in special care baby Unit of Ahmadu Bello University Teaching Hospital Zaria, Nigeria. The study aimed at determining the number of neonates diagnosed with jaundice, the sex distribution, type of jaundice diagnosed, risk factors and treatment modalities. An ex-post facto survey design with in-depth interviews was used to collect data. Secondary data was obtained from the medical record department of the hospital and nurses in the special care baby unit responded to the interviews. Data obtained showed that 480 neonates were diagnosed with jaundice out of 1,470 neonates admitted with the highest prevalence in 2017. Male neonates (64%) suffered jaundice more than females. Physiological jaundice was the most prevalent type of jaundice. The major treatment rendered was drugs/phototherapy (65%). Some factors responsible for the increase were, poor breastfeeding practice by mothers, sepsis, ABO incompatibility among others. It was recommended that mothers should be educated on the causes of neonatal jaundice, early breastfeeding practice, early recognition of signs of jaundice and present to the hospital on time since most of the women in the area of study deliver at home and usually present with the babies late to the hospital. There is also need for a bigger and well established, organized and functional unit (SCBU) in the hospital that can cater for the increased number of neonates suffering from jaundice. More qualified health personnel's should be employed in the unit to cater for the large number of neonates diagnosed with jaundice.

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## The effects of parenting style on visually impaired adolescents and their self-esteem in Saudi Arabia

**Ferial Zeried**

King Saud University, Saudi Arabia

**Aim:** The study aims to investigate the attitude of the visually impaired adolescents, towards their parents and examined the parents' attitudes towards the visually impaired child. In addition, we also assessed the effects of the parenting styles on the attitude/self-esteem of the visually impaired adolescent.

**Method:** Buri's parental authority questionnaire which was completed by children and their parents in this study is a convenient and effective reliable tool for evaluation of attitude towards people with disabilities. The short form of the Tennessee Self-Concept Scale (sort form) [TSCS-2] was completed only by the children. A total of 375 questionnaires were sent out to students (n=125) and parents (n=250) of these schools. Of the students who responded (39/125, 31.2%), 21 were males and 18 females and their age ranged from 13-18 years (mean=15). Of the parents who responded (119/250, 47.6%), 58 were males and 61 females and their age ranged from 19 to 36 years (mean=27).

**Result:** Analysis from the parental authority questionnaire showed that more than one-half of the adolescents perceived parenting as authoritative (57%) and the remaining perceived parenting as authoritarian (28%) or permissive (15%) but the differences were not significant (ANOVA: P<0.80). There were significant associations between the mean of Tennessee Self Concept Score (TSCS) and the different parenting styles only for authoritative parenting style (P=0.08, r=0.28) and the levels of self-esteem were higher for males (69%) than for females (31%) students.

**Conclusion:** A majority of the visually impaired students (males and females, alike) perceived their parents as being authoritative, had higher self-esteem scores than the fewer students who felts their parents were either authoritarians or permissive and had low self-esteem scores. Further testing on visually-impaired adolescents to elicit separate responses for mothers and fathers parenting styles could help reinforce these findings.

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## Immune-neuroendocrine and inflammatory reactions in increased mental and physical stress

**Lejla R Stojanovic**
MediGroup, Serbia

**Statement of the Problem:** It is increasingly recognized that the immune and neuroendocrine systems are directly connect in to regulatory of immune/inflammatory reactions.

**Method:** A systematic literature review was conducted in PubMed where the steroidal hormone cascade of patients with SMD was compared to the impact of increasing stress on the steroidal hormone cascade (1) in healthy amateur marathon runners with no overtraining (2) in healthy well-trained elite soldiers, who were under extreme physical and mental stress, sleep deprivation and insufficient calories for 1 week and (3) in soldiers suffering from post-traumatic stress disorder PTSD, SI and BD. We also used clinical observation and follow up of patient with whom it is a systemic infection diagnosed, predominantly respiratory tract disorder. We compared the recovery of patients exposed to increased stress (loss of loved ones, responsible positions at work, passing through divorce) and group without emotional transition and exposure to acute stress.

**Result:** The immune system emits signals towards the neuroendocrine system by cytokine mediators which reach significant blood levels (cytokine-hormones) during systemic immune/inflammatory reactions. Therefore Interleukin-1, -6 and TNF-alpha are the major cytokine hormones mediating the acute phase response. These cytokines induce intense neuroendocrine and metabolic changes by interacting with the central nervous system and with many other organs and tissues in the body. Corticotrophin releasing factor makes his function under these conditions as a major coordinator of the response and is responsible for activating the ACTH-adrenal axis for regulating fever and for other CNS effects leading to a sympathetic outflow.

**Conclusion:** Increasing mental and physical stress is related to systematic deviations in the steroidal hormone cascade in the non-psychotic state, which then may cause life threatening co-morbidities in PTSD, SI, and BD. Such effects on the immune system have severe consequences on health which include, but are not limited to, recovery from infections, delayed of wound healing, impaired responses to vaccination and development and progression of cancer. These data provide scientific evidence of the effects of increased stress on immune function and implications for health.

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## Case of a high risk pregnancy: A holistic management approach of ventricular septal defect at rural primary care

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Maternal congenital cardiac abnormalities increase maternal morbidity and mortality. We present a 36-year-old gravida III para II with ventricular septal defect diagnosed at 11 years of age. No surgical repair was done due to her poor socioeconomic background and she defaulted follow up. She presented at 14 weeks Period-Of-Amenorrhea (POA) with breathlessness and pedal oedema. Vital signs were normal with a grade 3 pan-systolic murmur. She had microscopic hypochromic anemia with hemoglobin of 8.3 grams per deciliter. Echocardiography showed a peri-membranous outlet ventricular-septal-defect measuring 0.5 cm with a left to right shunt and moderate tricuspid regurgitation with moderate pulmonary hypertension. Patient was managed by a multidisciplinary team. Her health seeking behavior improved after constant aggressive counselling. She had no significant failure issues, blood pressure remained within normal limits and fetal growth parameters matched gestation age throughout the pregnancy. With optimization, hemoglobin remained stable above 12. Serial echocardiography did not show progression of disease. No abnormalities on detailed fetal ultrasound at 22 weeks of POA. Social services contributed financial aid and home care nursing team ensured compliance to treatment. Patient was transferred to a tertiary cardiac centre for induction-of-labor at 37 weeks POA. She delivered a healthy baby boy (Apgar score 9, 10) with a birth weight of 2.4 kg via spontaneous-vaginal-delivery at 37 weeks and 2 days POA. She was discharged home well three days later. Skillful pre-conception counseling and holistic management throughout pregnancy by a multidisciplinary team becomes an essential component of the care of pregnant women with cardiac disease.

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## Effect of facilitated tucking with the nurse and a simulated hand on physiological pain index during vein puncture on premature infants in neonatal intensive care unit

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**Introduction & Aim:** During hospitalization in Neonatal Intensive Care Unit, infants expose to multiple painful procedures. Therefore, intensive care units are in need of ways that help them control the infants' pain. One of these non-pharmacological relaxation methods is putting the infant in facilitated tucking. This study aims to investigate the effect of facilitated tucking, created by simulated hands and the nurse's hand, on physiological response of pain during venipuncture in premature infants hospitalized in Neonatal Intensive Care Unit.

**Method:** This study is a randomized clinical trial. The sample of the study was 99 premature infants hospitalized in neonatal intensive care units of Beheshti and Amin hospitals in 1395. They were selected from available samples and were randomly divided into three groups of control, glove and hand. In the glove group simulated hands and in the hand group nurse's hand were used to keep the infant in facilitated tucking during venipuncture. Physiological response was measured and recorded before, during and after the intervention. To analyze the data, descriptive statistics and Kolmogorov-Smirnov test, t-test, variance analysis with repeated measures and LSD in SPSS v.19 were used.

**Results:** The average heart rate in the three groups before, during and after the study was not significantly different. The average oxygen saturation during the study was 93/06 for the hand group and 95/21 for the glove group. After the intervention, it changed to 94/56 for the hand group and 94/50 for the glove group, which showed a statistically significant difference (during the study p=0/001) (After the intervention p=0/005). Respiratory rate during the study was 49/9 for the hand group and 50/64 for the glove group and changed to 54/11 for the hand group and 57/10 for the glove group. Results showed that the respiratory rate in the three groups were significantly different (during the study p=0/001) and (after the intervention p=0/01).

**Conclusion:** According to the results of this study, it seems that the nurse's hand can be replaced by the simulated hand during the painful invasive procedures to support premature infants.

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## Non-convulsive status epileptics

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**Background & Aim:** Non-Convulsive Status Epilepticus (NCSE) has been defined as a cognitive or behavioral change that lasts for at least 30 minutes, with evidence of seizures on Electroencephalogram (EEG). While there are no universally agreed upon diagnostic criteria and no pathognomonic EEG changes in NCSE, persistent abnormalities without convulsive activity are the gold standard of diagnosis. The study aims to estimate the incidence of NCSE in comatose children and to evaluate the electro-clinical response to acute treatment with anticonvulsants.

**Method:** This is a prospective observational study conducted in pediatric intensive care unit, Ain-Shams University. 80 patients presented with Glasgow coma scale (GCS) <8 and/or the presence of abnormal movements or vital sign fluctuations were enrolled in the study. All were subjected to EEG monitoring for at least 1 hour within 24 hours of presentation. Patients diagnosed as NCSE, as defined by Abend et al. in 2011, received anti-convulsant treatment and were re-evaluated clinically and by EEG after 1 week.

**Result:** 24 patients were diagnosed as NCSE. Uncontrolled epilepsy and CSE were most common preceding insults. EEG was normalized in 50% of patients after treatment.

**Conclusion:** NCSE is possible be under-recognized at least in the PICU settings because of the pleomorphic clinical features. It must be suspected in any patient with disturbed level of consciousness, subtle movements and abnormal vital signs fluctuation and /or with precoma insult (convulsive status epilepticus and isolated seizures) to be confirmed by EEG which is the diagnostic cornerstone for diagnosis and appropriate management

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## Effectiveness of CPR training for parents of high risk newborn

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**Background & Aim:** Apnea of prematurity and cardiac arrest is very common among preterm and high risk newborn. Most of these incidences can occur at home, where parents or caregivers need to provide emergency care. In order to prevent delays in management the parents of infants hospitalized in the neonatal Step-Down Unit (SDU) are routinely educated for early warning signs and Cardiopulmonary Resuscitation (CPR) as part of the preparation for transition to home. The study aims to develop the skills to perform neonatal CPR among parents of high risk newborn after discharge from hospital.

**Method:** The parents of all high risk infants discharged form neonatal step down unit of AKUH were educated for neonatal CPR by clinical nurse coordinator and specialist. We evaluated the outcome of teaching from 1st March 2017 to 30th Sept, 2018. Four main areas were focused by following the standard guidelines of AHA for newborn CPR. This includes (1) infant stimulation (2) mouth to mouth breathing (3) chest compression and (4) activation of emergency services. Total 200 infants' parents received education before discharged from hospital. A variety of teaching learning methods was used to educate parents. The sessions were divided in two to three sittings. These include discussion and then demonstration and re- demonstration of CPR skills on infant manikin. In addition to these a video of early warning signs shown to each parent. The emergency contacts and ambulance numbers were also provided to them.

**Result:** From March, 2017 to June, 2018, total 520 infants admitted out of which 400 received teaching related to CPR of neonates. Out of 400, 16 babies received actual CPR by mother, while one baby was breathless and revived after stimulation. The initial assessment in ER depicted normal vital signs and oxygen saturation. Their color was pink and they were active.

**Conclusion:** We concluded here that effective teaching of CPR to mothers can minimize the complications related to apnea among high risk newborn.

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**Notes:**

## Safety and efficacy of new intravenous lipid emulsion containing soybean oil, medium chain triglycerides, olive oil and fish oil (smoflipid) vs. conventional lipid emulsion: A single-center, double blind randomized control trial in neonates requiring parenteral nutrition

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**Introduction:** Parenteral nutrition (PN) has been used for past few years as an efficient therapy in neonatal patients, especially in preterm neonates where enteral feeding is not tolerated or insufficient to meet the requirements. PN must be instituted shortly after birth. Intravenous lipid emulsions are an integral part of the PN regimen in neonates. Most commonly used Conventional lipid emulsions contain high amounts of linoleic acid relative to α-linolenic acid but low amounts of arachidonic acid and no ω-3 long-chain polyunsaturated fatty acids such as eicosapentaenoic acid and docosahexaenoic acid. Because of their high content of PUFAs and their limited content of α-tocopherol, long-term use of conventional lipid emulsions may reduce α-tocopherol in plasma lipoproteins and deplete antioxidant defences. The risk of lipid peroxidation may be increased, which is of particular concern in premature infants, who are often exposed to oxidative stress under intensive care conditions. SMOF lipid 20% is a new ILE containing a physical mixture of 30% soybean oil, 30% MCTs, 25% olive oil, and 15% FO. In addition, it contains appropriate amounts of α-tocopherol calculated according to the number of double bonds. Because of its ω-3 FA content, FO might be beneficial in providing an adequate balance of ω-6 and ω-3 FAs in cell membrane phospholipids. It has added advantage in Parenteral Nutrition Associated Liver Disease (PNALD) due to antiinflammatory effects of fish oil . More research is needed, however, to determine safety and effects of SMOF lipid, particularly in babies of Asian subcontinent. Whether to use SMOF lipid as a standard of care in preterm neonate still remains a research question. The study aims to evaluate the safety and effects on weight, head circumference, and length of two different intravenous lipid emulsion in neonates receiving total parenteral nutrition. Clinical, time taken to achieve birth weight in the two groups, weight, length, head circumference at the end of 7 days and at discharge in the two groups and biochemical serum triglyceride, serum bilirubin, BUN, SGPT/SGOT level at the end of TPN in the two groups.

**Method:** A randomized controlled trial conducted in NICU of Jaipur Golden Hospital, Delhi from December 2017 to November 2018 on neonates (<34 weeks) receiving parenteral nutrition. Eligible neonates will be randomized to receive SMOF lipid and conventional lipid. Anthropometric assessment (weight, length, and head circumference) will be done on at birth, at start of TPN, at 7 days and at discharge. Biochemical assessment will be done at 7 days of TPN. Statistical analysis was performed by the SPSS version 21.0 using appropriate statistical tests.

**Result:** On review of literature and previous similar studies done at different center (mainly in western countries) the outcome is that neonate receiving SMOF lipid is that it is well tolerated and they have better anthropometric parameters (weight, length, and head circumference) compared to neonate receiving conventional intralipid.

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**Notes:**

# *Faneotrics 2019*



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# Upcoming Conferences

International Conference on
Medicine, Nursing and Healthcare
April 11-12, 2019 | Abu Dhabi, UAE
*medicine.nursingmeetings.com*

International Conference on
Pediatrics, Nursing and Healthcare
April 11-12, 2019 | Abu Dhabi, UAE
*pediatrics-nursing.nursingmeetings.com*

2nd Annual Conference on
Pediatric Nursing and Healthcare
June 17-18, 2019 | Dubai, UAE
*healthcare.nursingconference.com*

23rd World Nutrition & Pediatrics Healthcare Conference
June 17-18, 2019 | Dubai, UAE
*nutrition.pediatricsconferences.com*

30th World Nurse Practitioners & Healthcare Congress
May 27-28, 2019 | Istanbul, Turkey
*nursepractitioner.nursingconference.com/middleeast*

International Conference on
Maternal, Fetal and Neonatal Medicine
May 30-31, 2019 | Istanbul, Turkey
*fetalmedicine.pediatricsconferences.com*

22nd Global Summit on
Pediatrics, Neonatology & Primary Care
May 30-31, 2019 | Istanbul, Turkey
*fetalmedicine.pediatricsconferences.com*

23rd World Congress on
Pediatrics, Neonatology & Primary Care
November 21-22, 2019 | Dubai, UAE
*neonatalcare.pediatricsconferences.com*

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## Next in Series

# 29th World Neonatal, Pediatric and Family Medicine Conference

**April 20-21, 2020 | Abu Dhabi, UAE**

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