

## Curriculum Vitae

### Personal Information:

Name	Eman Farouk Abdul Halim Badran
Birth date	April, 1964
Birth Place	Amman, Jordan
Nationality	Jordanian
Marital status	Married to Tareq Al Jaberi . had 5 children. (Lina, Rana, Omar, Mira, Hala)
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Present post:	<b>Professor of pediatrics</b> , Chairman of the Neonatal Unit at Jordan University Hospital. University of Jordan, Faculty of Medicine, Pediatric department, Neonatal –perinatal division
Last Post	Chairman of Pediatric department , University of Jordan Sep2014- sep2016

### Education:

1995	Neonatology Training: Leeds General Infirmary, Leeds, UK
1993	Master Degree : General Pediatrics Jordan University Hospital & University of Jordan
1989	Internship: Jordan University Hospital, Amman, Jordan
1988	Bachelor of Medicine & Surgery. University of Jordan Faculty of Medicine, Amman, Jordan
1982	General secondary education certificate, Amman- Jordan

### Certification:

1995	Fellowship in Neonatology: United Leeds Teaching Hospitals, Leeds General infirmary
1995	MRCPCH: Member of Royal College of physician and child health in London
1993	Master's Degree: Master's degree in Pediatrics, University of Jordan
1988	Bachelor of Medicine & Surgery, Faculty of Medicine, University of Jordan

### PROFESIONAL EXPERIENCE

September 2013	Promotion to Professor of pediatrics at University of Jordan, Faculty of Medicine, Pediatric department
February 2008	Promotion to Associate Professor of pediatrics at University of Jordan, Faculty of Medicine, Pediatric

February 2008	department Director of the neonatal intensive care Unit: University Of Jordan, Jordan University Hospital, Amman, Jordan till now
March 2003	Appointed as Assistant Professor & Consultant in Paediatrics and Neonatology: Jordan University, Jordan University Hospital, Amman, Jordan
Dec. 2000 – Feb. 2003	Consultant Neonatologist. Neonatal Unit, Farah Hospital
Dec. 2000- Feb. 2003	Running a Private clinic
Dec. 1995 - June 2000	Assistant Professor and Consultant in Paediatrics and Neonatology, Jordan University, Jordan University hospital, Amman, Jordan
July 1993- Sep. 1995	Neonatology Training: Leeds General Infirmary, Leeds- United Kingdom
July 1989-June 1993	Pediatric Resident: Department of Pediatrics, Jordan University Hospital, Amman, Jordan
July 1988- June 1989	Intern: Jordan University Hospital, Amman, Jordan

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### **Educational experience**

#### **Examiner**

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1996 till present	External examiner at the Faculty of Medicine, Jordan University of Science & Technology, 1996. -till now
2003-till present	Examiner at the Jordan Medical Council (Pediatrics Board)
2007 till present	Examiner at the Faculty of Medicine, Moatah University
2007 till present	Examiner at the Islamic hospital, for pediatric residents
2007 till present	Examiner at the Specialty Hospital, for pediatric residents
2013 till present	Examiner at the Arab Medical Council ( Arab Pediatrics Board)
2003 -2006	Program director for medical students in pediatrics
2005-2006	Member of introductory course teaching committee for 4 <sup>th</sup> year medical students
2005-2008	Member of technical committee to establish OSCE Exam at University of Jordan, Faculty of medicine
2006-2009	Director for running OSCE Exam in pediatric department 2006-2009
2008-2009	Running the perinatal meeting in neonatal and obstetric department
2012	Visiting associate professor in pediatrics at Tabouk University ( 3weeks)

### **Neonatal Resuscitation Program Trainer (NRP)**

2000 till present	Running a yearly Neonatal "Resuscitation Course to the pediatric resident, Nurses at University of Jordan ,
2005 -2010	Running Neonatal Resuscitation yearly till now For post graduate medical student in pediatric department at Private , military and ministry of health hospitals
2005	Participating in Running a Neonatal "Resuscitation Course to the society of obstetric and gynecology Sponsored By Al-Jothoor Organization.
Nove. 2012 present	Participant in running neonatal resuscitation program to the doctors in ministry of health, University of Jordan, UNHCR

### **Child Abuse**

August 2015	Organizing child abuse course in Collaboration with Wayne State university and University of Jordan, Pediatric Department and Ministry of Health
September 2016	Organizing international child abuse conference University of Jordan

### **EDUCATIONAL COURSES**

2004	Problem based learning, Holland, Maastricht ( 2 week course)
2004	How to write curriculum for student, Jordan University 2004. (Two weeks )
2004	OSCE course conducted by University of Science & Technology (one week)
2005	How to design OSCE Exam : course conducted by Kings college and held By Jordan University (one week)
2005	Train of Trainer Course, Held by Royal College of Pediatrics and Child Health. Amman ( one week).
2006	Attending OSCE and Communication skills course for medical students. St Bartelomews Hospital in London (one week)
2007	Epidemiology and Biostatistics workshop. Research Unit at King Hussein Cancer Center (one week)
2007	OSCE course conducted by University of Toronto, held at University of Jordan (one week)
2011	Attending Train of Trainers (TOT) work shop Organized At Tallal Abu Gazaleh &Co. Consulting & health Strengthening Project(HSSII) (one week)
2011	SPSS advanced course (one week)
2012	Policy communication workshop UNFPA, Cairo, Egypt (10 days)
2018	Leader Ship course by Health Care Accreditation Counsel
2018	Breast feeding lactation consultant training course member and trainer
2019	Sustaining the sustainable health agenda, exploring critical multilayered sustainable business practice in the MENA region

2019 Social innovation approach

## SPECIAL EXPERIENCE

### Proposal writing

- |             |                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2005        | Recognized Tempus program Trainer                                                                                                                                                                  |
| 2009 - 2010 | Attending 12 workshops on how to write proposal and identification of different European and American funding agencies. Higher council for science and technology                                  |
| 2010        | Attending work shop entitled how to identify and win projects from the seventh frame work program (FP7) at higher council for science and technology At Higher Council for Science and Technology. |
| 2010        | Participating in giving 2 workshops on how to write proposal and get funds from funding agencies. The Center for Educational Development for Health Personnel                                      |
| 2018        | Non winning Erasmus project                                                                                                                                                                        |

## Consultation Experience

1996-1997	Consultant for the assessment of Regional Neonatal Mortality in region/ UNICEF
2010 -present	Neonatal Mortality Jordan task Force /role is committee member n. UNICEF/ higher population council
2011	Safe Mother and neonatology Services in Jordan / role is committee member
2011	Ethical committee at Higher population council / role is steering committee member
2009-2011	Participating in writing and editing new educational books for the new project entitled <i>Educational development project towards the knowledge economy - for Ministry of Education</i> In Hashemite Kingdom Of Jordan entitled Knowledge Economy
2012	Improving perinatal health services in Jordan, Strategic planning for year 2013 in collaboration with ministry of health, Royal medical services/ USAID./ role is steering committee member
2016 -present	Establishing national neonatal Guidelines in collaboration with Ministry of health , Private sectors , Universities and UNICEF /role <b>Team leader</b>
2016	Core Neonatal care curriculum development for management of neonatal Syrian refugees ./ Funder by UNHCR Educational courses on care and management of sick Syrian refugees newborn for health care providers in Zadari and Azraq camp
2017	Accreditation for the Arab medical council for neonatal fellowship program in Al-Maqased Hospital/at Al-Quds city/Role team leader of accreditation committee

## New Establishment

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|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011         | Establishing of Medical Students research Club. Started through Educational workshops for selected enthusiastic medical students to engorge the medical students to participate in clinical and basic research in collaboration with medical students research club at University of Jordan, Faculty of medicine. This project was sustainable till now and disseminated to all health schools at different universities in Jordan with great impact in increasing the number of publications by the students |
| 2013         | Establishing perinatal center for pregnant women and newborn in collaboration with USAID supported by university of Jordan and Jordan university hospital./Role Team Leader supported by the president of University of Jordan and hospital directors                                                                                                                                                                                                                                                         |
| 2014         | Establishment of quality improvement Pharmaceutical care of newborn at Neonatal Unit at Jordan University Hospital In collaboration with department of Clinical Pharmacy which resulted in disappearance of CLAPS for the last 4 years (2015- 2019)                                                                                                                                                                                                                                                           |
| 2015         | Establishment Breast feeding Association group /role Team leader                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2015         | Establishment of quality improvement project of computerized medication prescription / role Team leader                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2018-present | Director of Baby friendly Hospital at Jordan Project for designation At University Hospital// role Team leader                                                                                                                                                                                                                                                                                                                                                                                                |
| 2018         | Establishment Neonatal fellow ship program accredited by Arab Medical Council /role :Team Leader                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2019         | Establishment of lactating rooms for working Mothers/ role Team leader                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2019         | Establishment /Renovation of Breast feeding rooms at NICU/ role Team leader                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2019         | Establishment of breast-feeding curriculum for pediatric and obstetric                                                                                                                                                                                                                                                                                                                                                                                                                                        |

physician with competency and skill assessment/ role Team leader

- 2019 Establishment of computerized Monitoring tools for baby friendly hospitals/  
role Team leader/ role Team leader
- 2019 Developing Brushers, Booklets, videos, flyers / role Team leader

**Committees at the level of faculty and Jordan University Hospital**

- 2003 TO PRESENT Participating in different committees at faculty of medicine and Jordan university hospital (faculty council, scientific committee for conferences at faculty of medicine, curriculum Development committee, research committee, quality committee, health record filing committee, blood bank committee, and library committee. Etc, )
- 2018 TO PRESENT Director of Baby friendly Hospital committee
- 2019 Evaluation of medical student research ?role Director of committee member

**Funds**

Year	Agency	Proposal entitled	Fund
2007	University of Jordan (UJ)	Etiology and clinical profile of neonatal seizures in highly consanguineous Population role PI.	5000 JOD
2008	UJ	Etiologies, outcomes, and risk factors for epilepsy in infants: A case-control study. Role : Non-PI.	5000 JOD
2009	UJ	Prevalence of infant passive smoking during the first year of life in Jordan. role PI.	3000 JOD

2009	UJ	Lead levels in children with developmental. Role : Non-PI.	3000 JOD
2010	USAID	Improving perinatal and pregnant women health in Jordan targeting the Millennium Development Goals(MDG) number 4 and 5 Role: Team leader supported by Hospital director and President of the university of Jordan	(13 million \$)
2012	UJ	Effects of perinatal risk factors on common neonatal respiratory morbidities beyond 36 weeks of gestation	5000 JOD
2017	SRF	Establishing pharmaceutical drug preparation in neonatal unit in Jordan: Role Non PI	60000 JOD
2018	UJ	ATTESTED Project for establishment of Automated computerized drudge prescription Role (PI)	8000 JOD
2019	UJ	<i>Retinopathy of Prematurity (current projrct)</i> <i>Role PI)</i>	12000 JOD

## MEMBERSHIP

1996 - present Jordan Medical Council

1995 - present British General Medical Council

1995 - present Royal college of physician and child health in London

2005 -2007 Member of Jordanian liaison committee with the Royal college of physician and child health

1996 - present Jordan Pediatric Association

2004 - present Pan Arab Neonatal society

2007 - present Jordan Neonatal society

2002 - present Member of Scientific committee of the Jordanian Pediatric Society

2014 - present Member of Jordanian board committee of Pediatrics at the Jordan Medical Council

.2014 -2016 Member of the Faculty Council at Faculty of Medicine, University of Jordan



2015 -2018 Member of Board of Trustees at Al- Balqa' Applied University

2018 - present Member of Steering committee and technical committee for Health Care Accreditation Council (HCAC)

### Medical conferences and workshop as Speaker

- 2004 Recent advances in Pediatrics conference, Royal College of Pediatrics and Child Health
- 1995 Participation in several local meeting in Jordan at the level of Jordan Neonatal club meetings, local Pediatric conference **till now**
- 2009 **Current state of Antifungal Treatment in Neonatal Systemic Candidiasis. SEVENTH ARAB CONFERENCE FOR ANTIMICROBIAL AGENTS. BEIRUT, LEBANON**
- 2011 Neonatal service in Jordan. International Workshop on Organization of Neonatal Services in the South-Eastern European and Middle Eastern Countries., in Marmaris, TURKEY.
- 2012 The Second International Neonatology Conference, **NEW INNOVATIONS IN NEONATAL MEDICINE** , Abu Dhabi . UAE  
<http://www.arapuaarapua.org/g6.htm>
- 2012 PERINATAL ASPHYXIA - PHYSIOLOGY AND RECENT TRENDS IN MANAGEMENT Fifth Congress of pediatric department
- 2012 Improving neonatal ventilation work shop in Jordan (speaker) USAID / HSS/ April 2012.
- 2012 **3rd International Congress of union of European Neonatal and Perinatal Societies ( UENPS)which will be held in the beautiful city of Porto, Portugal website:**  
<http://www.uenps2012.org/uenps/>
- 2013 **13<sup>th</sup> International Pan Arab League of dermatology Conference (speaker)**  
<http://www.pald.org.jo/scientific-programme/a-tentative-scientific-program.html>
- 2013 **The15th International Conference of Jordan Pediatric Society (speaker**
- 2015 **The 20th Congress of Union of Arab Pediatric Societies & The15th International Conference of Jordan Pediatric Society (speaker )**  
<https://www.sajilni.com/event/the-20th-congress-of-union-of-arab-pediatric-societies--the-15th-international-conference-of-jordan-pediatric-society>
- 2015 **Second international Kurdistan pediatric society conference**
- 2016 The 16 International Conference of Jordan Pediatric Society & International Pediatric Association & Union of Arab Pediatric Societies ( speaker)  
<http://www.umemps.org/sites/default/files/First%20Announcement%20IPA%202016.pdf>
- 2017 Update in Fetal intrauterine transfusion therapy: neonatal outcomes. rd Abu Dhabi International Neonatal Multispecialty Conference. Abu Dhabi. UAE. November 2017 (speker)
- 2017 [Exclusive breastfeeding success among women](#) In Jordan. Amman Jordan . 8th

- Scientific Research Conference opened at the University of Jordan 12 November 2017 (speaker)
- 2017 Can Clinical support can make the difference in exclusive breastfeeding” success among women in Jordan July 2018. 7th International Conference for Pediatrics (speaker)
- 2018 The needed steps for implementation of Baby friendly Hospital /Lebanon/UNICEF (Speaker)
- 2018 PUMBY ROAD FOR BFH “(SPEAKER/Lebanon/UNICEF (Speaker)

### Medical conferences and workshops as participants

- 1999 Advanced Neonatology Perinatology Course, St Antonio. USA (one week)
- 2005 New modes of ventilation, Dead Sea
- 2005 Neonatology updates Course, Imperial College, London.
- 2007 Pediatric Academic societies' Annual Meeting. Toronto, Canada
- 2008 12<sup>th</sup> scientific meeting of emirates neonatal society. Dubi, United Arab Emirates
- 2008 Annual Neonatal conference. Middlesbrough, United kingdom.
- 2009 Neonatal up date November, UK, Imperial College, Hammersmith Hospital
- 2010 Attending first Neonatal/Infant Ventilation Egypt at the Ain Shams University Hospital in Cairo
- 2011 The First Pediatric & Neonatal International Conference, Sharjah, UAE
- 2012 3<sup>rd</sup> International Congress of UENPS (Union of European Neonatal and Perinatal Societies
- 2013 Neonatal ventilation workshop Amman by SLE company
- 2015 1st joint European Neonatal Societies Congress (jENS)  
[https://www.eiseverywhere.com/file\\_uploads/f78808740098d343eaa4a0e71b18fd52\\_ENS2015SPONSORMANUAL.pdf](https://www.eiseverywhere.com/file_uploads/f78808740098d343eaa4a0e71b18fd52_ENS2015SPONSORMANUAL.pdf)
- 2016 The Neonatal Update, organized by the Imperial College London
- 2017 7th International *Neonatology Conference/Abu Dhabi*

### Curriculum development

**Core pediatric development in 2007 / role team leader in writing the curriculum**

**Core pediatric revision in 2015 / Role team leader in writing the curriculum**

## Educational Activates

Through didactic and none didactic session to medical students, Pediatric Residants, obstetric residants

Community service	
1	Voluntary Participation in open days for doing pediatric exam in communities
2	Giving lecture on breast feeding to different organizations to increase awareness on the importance of breast feeding
3	Guest speaker in several radio and TV program talking about the following subjects: breast feeding, effect of maternal nutrition on future health of her children, Jaundice in newborn, Baby friendly Hospitals, Preterm baby in 2010 ,2011 and 2012,205,208,
4	Participation of organization of several medical conferences for Jordan pediatric societies
5	Trainer for health care worker in Azraq and Zatarii refugee camp on neonatal health care June - December 2016
6	Establishment of Jordanian Breast-feeding association 2016
7	Member of Friends Down syndrome committee support group 20
8	Participation in World day of down syndrome in 2017 at Nazek HAreeri center giving work shop on How Parents deal with stress if they have a baby with Down syndrome
9	Participation in World day of down syndrome in 2018 at Nazek HAreeri center giving work shop on Obesity and How to deal with the sexual needs of patients with Down syndrome
10	Participation in World day of down syndrome in 2019 with with the school of dentistry /UJ giving work shop that what dentist need to kanow about down syndrome

Doctoral Dissertation Committee Member		
Student name		Dissertation Topics
Hala Obeidat	School of nursing/ 2012	Facilitated Tucking As Non-Pharmacological Nursing Intervention for Relieving Stressful Responses among Jordanian Preterm infants

Umia nassar	School of nursing/ 2016	The Effectiveness of Age-Appropriate Pre-Operative Information Session on Anxiety Level among Jordanian School Age Children (6-12) Year Old Undergoing Elective Surgery
SamahBatianeh	School of Agriculture January 2019	Developing and validating a food frequency questionnaire for school Jordanian children and adolescents aged 6 to 18 years, and assessing the dietary and lifestyle risk factors, and measuring selected biochemical and inflammatory variables associated with weight status in childhood and pre-adolescence Jordanians aged 6-12 years.

Publications	
Number	Title
1	<b>BADRAN, E. F., MASRI, A. T., HAMAMY, H. &amp; AL-QUDAH, A. A.</b> 2007. Etiological and clinical profile of neonatal seizures in a highly consanguineous population. <i>Journal of Pediatric Neurology</i> , 5, 305-309
2	AL-KHATIB, M. S., KHYAMI-HORANI, H., <b>BADRAN, E.</b> & SHEHABI, A. A. 2007. Incidence and characterization of diarrheal enterotoxins of fecal <i>Bacillus cereus</i> isolates associated with diarrhea. <i>Diagnostic microbiology and infectious disease</i> , 59, 383-387
3	<b>BADRAN, E. F., AL BARAMKI, J. H., AL SHAMYLEH, A., SHEHABI, A. &amp; KHURI-BULOS, N.</b> 2008. Epidemiology and clinical outcome of candidaemia among Jordanian newborns over a 10-year period. <i>Scandinavian journal of infectious diseases</i> , 40, 139-144.
4	MASRI, A., <b>BADRAN, E.,</b> HAMAMY, H., ASSAF, A. & AL-QUDAH, A. A. 2008. Etiologies, outcomes, and risk factors for epilepsy in infants: A case-control study. <i>Clinical neurology and neurosurgery</i> , 110, 352-356.
5	<b>Eman Badran,</b> A.S. Salhab, Madi Al-Jaghbir. Prevalence of infant passive smoking during the first year of life in Jordan. <i>Eastern Mediterranean Health Journal</i> , Vol. 15, No. 1, 2009.
6	ALKAZALEH, F., SALEEM, M. & <b>BADRAN, E.</b> 2009. Intrathoracic Displacement of Pleuroamniotic Shunt after Successful in utero Treatment of Fetal Hydrops Secondary to Hydrothorax. <i>Fetal diagnosis and therapy</i> , 25, 40-43
7	MASRI, A. T., <b>BADRAN, E. F.,</b> SALEEM, M. M. & AL-QUDAH, A. A. 2009. Lead levels in children with developmental. <i>Neurosciences</i> , 14
8	<b>Badran E,</b> Shamayleh A, Irshaid Y. Pharmacokinetics of vancomycin in neonates admitted to the neonatology unit at the Jordan University Hospital. <i>International journal of clinical pharmacology and therapeutics</i> . 2011;49(4):252
9	AL-LAWAMA, M., <b>BADRAN, E.</b> & KHURI-BULOS, N. 2012. Intrauterine transmission of H1N1 disease: a theory that needs evidence! <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 25, 187-188.
10	SHIREEN, I., <b>EMAN, B.,</b> KAMAL, A. & ASEM, S. Epidemiological characteristics of Candida species colonizing oral and rectal sites of Jordanian infants. <i>BMC Pediatrics</i> , 2011,1(1):79
11	RYALAT, S., SAWAIR, F., BAQAIN, Z., BARGHOUT, N., AMIN, W., <b>BADRAN, D. &amp; BADRAN, E.</b> 2011. Effect of oral diseases on mothers giving birth to preterm infants. <i>Medical Principles and Practice</i> , 20, 556-561.
12	<b>BADRAN, E. F., BATAH, H. A., AKL, K. F., KHALIL, R. W. &amp; AL AMORI, I.</b> 2012. Detection of novel LAMA3 mutation in Herlitz junctional epidermolysis bullosa in a Jordanian family. <i>Australasian Journal of Dermatology</i> . 2013. 54 (3):218-221
13	<b>Eman F. Badran;</b> Manar Abdalgani; Manar Al-Lawama; Iyad Al-Ammour; Shawki Saleh; Fawaz Kasaleh; Asma Basha; Faisal Al katib; Yousef Khader Effects of perinatal risk factors on common neonatal respiratory morbidities beyond 36 weeks of gestation

	Saudi Med J. 2012 Dec;33(12):1317-23.
14-	Shehabi AA, Abu-Yousef R, <b>Badran E</b> , Al-Bakri AG, Abu-Qatouseh LF, Becker K. Major characteristics of Staphylococcus aureus colonizing Jordanian infants. <i>Pediatr Int.</i> 2013 Jun;55(3):300-4. doi: 10.1111/ped.12060.
15-	<b>Eman F Badran</b> , Manar Al-lawama, Amira Masri, Fawaz Al Kazaleh. Fetal Intrauterine Transfusion Therapy: Neonatal Outcomes. <i>Journal of Blood &amp; Lymph.</i> 2013 Nov. <a href="http://www.omicsgroup.org/journals/fetal-intrauterine-transfusion-therapy-neonatal-outcomes-2165-7831-3-112.ph?aid=20950#">http://www.omicsgroup.org/journals/fetal-intrauterine-transfusion-therapy-neonatal-outcomes-2165-7831-3-112.ph?aid=20950#</a>
16	Manar A Al-Lawama, <b>Eman Badran</b> , Najwa Khuri-Bulos. Carbapenems resistant bacteria: The in-house beast! Conference Paper · May 2013 .
17	<b>Eman F. Badran</b> ; Amal M. Abu Libdeh ; Fawaz Kasaleh, Shawki Saleh, Asma Basha, Fida thikrallah Yousef Khader, Nada Yaseen. Impact of maternal overweight and obesity on perinatal outcomes. <i>Jordan medical journal</i> June .2014
18	<b>Badran EF</b> , Semrin A, Abdelghani T and Ajour M. Intravenous Milk Infusion; Rare Medication Error <i>Pediatrics &amp; Therapeutics</i> , 2014, April, Volume 4 • Issue 2 <a href="http://omicsonline.org/open-access/intravenous-milk-infusion-rare-medication-error-2161-0665.1000201.pdf">.http://omicsonline.org/open-access/intravenous-milk-infusion-rare-medication-error-2161-0665.1000201.pdf</a>
19	Asem A. Shehabi , Emman F Badran, Nazha Ala'a Alnasra. The Emergence of antimicrobial enterococci isolates from infants: A review study. <i>The International Arabic Journal of Antimicrobial Agents</i> . Vol 4, No 3 ((2015)
20	M Al-lawama, <b>E Badran</b> , N Khuri-Bulos. Neonatal gram-negative sepsis in a tertiary hospital in Jordan: when fever means multidrug resistance. <i>Pediatr Therapeut</i> 4 (212), 2014
21	Nada A. Yasein, Farouq M. Shakhathreh, Azmi Mahafza, <b>Eman Badran</b> , Wejdan A. Shroukh4), Mohammad S. Farah. Evaluation of the Medical Teaching Program from the Students Perspective at Faculty of Medicine: Jordan University. <i>International Medical Journal</i> Vol. 22, No. 4, pp. 335 - 339 , August 2015
23	Maysa F. Hawamdeh , Eman F. Badran, Naheel F. Dajani , Asem A. Shehabi . <b>Occurrence of potential virulence factors and antimicrobial resistance markers in fecal E. coli isolates from infants</b> THE . INTERNATIONAL ARABIC JOURNAL OF ANTIMICROBIAL AGENTS ISSN 2174-9094. 2016. Vol. 6 No. 3:3 doi: 10.3823/793
24	AA Shehabi, <b>EF Badran</b> , EN Abu-Khader. Clostridium difficile: Infection, diagnosis and treatment with antimicrobial drugs: A review article. <i>The International Arabic Journal of Antimicrobial Agents</i> 5 (4) 2016

25	M Al-Lawama, H Aljbour, A Tanash, <b>E Badran</b> . Intravenous Colistin in the treatment of multidrug-resistant Acinetobacter in neonates. <i>Annals of clinical microbiology and antimicrobials</i> 15 (1), 8. 2016
26	<b>EF Badran</b> , RAQ Din, AA Shehabi. Low intestinal colonization of Escherichia coli clone ST131 producing CTX-M-15 in Jordanian infants. <i>Journal of medical microbiology (2016),65 (2), 137-141</i>
27	M Al-lawama, <b>E Badran</b> . Clinical value of repeat blood cultures in neonatal patients receiving antibiotic treatment. <i>Journal of International Medical Research</i> 43 (1), 118-124.2016
28	NA Alnasra, <b>EF Badran</b> , N Dajan, AA Shehabi. Antimicrobial susceptibility and virulence factors of Enterococci colonizing intestinal tract of infants. <i>The International Arabic Journal of Antimicrobial Agents</i> 6 (1)2016
29	MF Hawamdeh, <b>EF Badran</b> , NF Dajani, AA Shehabia, Occurrence of potential virulence factors and antimicrobial resistance markers in fecal E. coli isolates from infants. <i>The International Arabic Journal of Antimicrobial Agents</i> 6 (3) 2016
30	Manar Al-lawama , Tariq Abdelghani , <b>Eman Badran</b> . Mortality and Short-Term Outcomes of Very Low Birth Weight Infants at a Tertiary Care Center in Jordan: Comparison with Other Countries. <i>Pediatr Ther</i> 2017, 7:1
31	Al-Lawama M, Alammori I, Abdelghani T, <b>Badran E</b> . Oral Paracetamol versus oral Inuprifen for treatment of patent ductus arteriosus . <i>J Int Med Res.</i> 2018 Feb;46(2):811-818. doi: 10.1177/0300060517722698. Epub 2017 Sep 14.
32	<u>Al-Lawama M<sup>1</sup></u> <u>Al-Rimawi E<sup>1</sup></u> <u>Al-Shibi R</u> , <b>Badran E</b> . Adoption of the American Academy of Pediatrics' neonatal hyperbilirubinemia guidelines and its effect on blood exchange transfusion rate in a tertiary care center in Amman, Jordan. <i>J Blood Med.</i> 2018 Apr 13;9:61-66. doi: 10.2147/JBM.S162191. e Collection 2018.
33	Mariam Saleh Al-Khatib, Hala Khyami-Horani, <b>Eman Badran</b> , Asem A Shehabi Incidence and characterization of diarrheal enterotoxins of fecal Bacillus cereus isolates associated with diarrhea. December, 2017. <i>Diagnostic microbiology and infectious disease</i>
34	Eman N. Abu-Khader, <b>Eman F. Badran</b> , and Asem A. Shehabi. Epidemiological Features of Clostridium difficile Colonizing the Intestine of Jordanian Infants Dec.2017. <i>Int J Microbiol.</i> 2017;2017:2692360. doi: 10.1155/2017/2692360. Epub 2017 Dec 20.
35	<b>Eman F. Badran</b> , Luay Al Nouri,Abeer Alassaf,Rola S. Saqan, Rasha Odeh. Determinants of male child circumcision in Jordan: a cohort study/ sue no. 12 of 2018 of the journal <i>Gazzetta Medica Italiana - Archivio per le Scienze Mediche</i> .



36	<p><u>Albataineh SR, Badran EF, Tayyem RF</u>  Dietary factors and their association with childhood obesity in the Middle East: A systematic review.  <u>Nutr Health</u>. 2018 Oct 3:260106018803243. doi: 10.1177/0260106018803243. [Epub ahead of print]</p>
38	<p>Fareed Khdair-Ahmad, Tariq Aladily, Olfat Khdair-Ahmad, <b>Eman F. Badran</b> · Chelation therapy for secondary neonatal iron over load: Lessons learned from rhesus hemolytic disease. <i>The Turkish Journal of Pediatrics</i> 2018; 60: 335-339</p>
39	<p>Manar Al-lawama, Asma Almustafa, Ala Elrimawi, Amal Bani Mustafa, Suzan Almomani, <b>Eman Badran</b>. Varicella exposure in a low resource country neonatal care unit: successful prophylaxis with intravenous immunoglobulins. <i>Iranian Journal of Neonatology</i> 2019; 10(1)</p>
40	<p>Rasha A. Aldasouqi , Luay F. Abu-Qatouseh PhD<sup>b</sup>, <b>Eman F. Badran</b> ,Sameer A. Alhaj Mahmoud, Rula M. Darwish,. Fusidic acid resistance in Staphylococcus aureus in Jordan: Bench to bed approach  Jundishapur Journal of Microbiology (accepted March /2019)</p>
41	<p><i>Alaa J. AL Radaideh</i><sup>1</sup>, <b>Eman F. Badran</b><sup>2</sup>, <i>Asem A. Shehabi</i><sup>3,*</sup></p> <p>Diversity of toxin genotypes and antimicrobial susceptibility of Clostridium perfringens isolates from feces of infants. <i>GERMS</i> 2019 ,March:9(1) 28 -34.</p>
42	<p>Manar Al-lawama , Ala AlZaatreh, Rawan Elrajabi, Sultan Abdelhamid, <b>Eman Badran</b>. Prolonged Rupture of Membranes, Neonatal Outcomes and Management Guidelines. <i>J Clin Med Res</i>. 2019;11(5):360-366</p>
43	<p>Isam Bsisu, Alaa Aldalaeen, Rawan Elrajabi, Ala AlZaatreh, Rama Jadallah, <b>Eman Badran</b>, Manar Al-lawama. Short Term Outcomes of Neonates Born after Prolonged Premature Rupture of Membranes &lt; 34 Weeks Gestation. <i>Research in Health Science</i>. Vol 4, No 2 . May (2019) <a href="http://www.scholink.org/ojs/index.php/rhs">www.scholink.org/ojs/index.php/rhs</a></p>
44	<p>Reema Tayyem, Samah Albataineh , <b>Eman Badran</b> . Overweight and Obesity in Childhood: Dietary, Biochemical, Inflammatory and Lifestyle Risk Factors. <i>Obesity Medicine</i> accepted June 3 2019</p>

## Waiting acceptance

- 1 Esophageal Atresia: Associated Anomalies, Mortality, and Morbidity  
Waseem Kamal, Aseel Yaseen, Aseel Abbad, Manar Al-lawama, Fareed Khdair, **Eman Badran** University of Jordan, Deanship of scientific Research
- 2 Intrapartum medications, maternal and obstetric characteristics: breastfeeding success among first-time Jordanian mothers” Khadeejah Al dasoqi, Reema Safadi, **Eman Badran**, Asma Albasha. Ac University of Jordan, Deanship of scientific Research
- 3 Fusidic Acid Resistance Gene Determination among Clinical Isolates of Staphylococcus aureus in Jordan. Rasha A. Aldasouqi MSc, Luay F. Abu-Qatouseh PhD, **Eman F. Badran MD**, Sameer A. Alhaj Mahmoud MD, Rula M. Darwish PhD. Accepted

## Current research

- 1 **Rula Darwish, Eman Badran** Risk Of MRSA colonization in new born admitted to the neonatal unit University of Jordan, Deanship of scientific Research
- 2- Eman Badran, Hatem Shanti Nathir Obeidat, Khalid Oweidat, Tareq Bushnaq, Anas Abu sharief, Iyad saeid, J=Hamzeh Salameh. The Characteristics of patients admitted to Jordan University Hospital with Influenza A (H1N1 2009) infection through 2017- 2018
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