



Curriculum vitae (CV) Dr.Mohammad Bagher Hosseini



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Name: Mohammad Bagher Hosseini MD

Gender: Male

Nationality: Iranian

Marital Status: Married

Children: Two

Date of Birth: 1968

Language: Persian

Other language skills : English, Azary

Contact Detail:

Address1: Perinatal and Neonatal Department, Alzahra Teaching Hospital of Tabriz,
Artesh Street, Tabriz, IRAN

Address 2 :Pediatric Health Research center of Tabriz University of Medical
Sciences. Children Hospital of Tabriz

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Work History:

1. Working as general practitioner, 1993-1996 in Razmian Public Health Center
Ghazvine, IRAN.



2. Working as general pediatrician, 2000-2004 in Garmsar Governmental hospital, Semnan University of Medical Science, IRAN.
3. Working as general pediatrician, 2000-2004 in Seidalshohada Medical Center, Tehran, IRAN.
4. Working as Assistant professor of Neonatology, Alzahra Teaching Hospital of Tabriz, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN.(From 2002 until 2012)
5. Working as Associate professor of Neonatology, Alzahra Teaching Hospital of Tabriz, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN.(From 2012 until now)
6. working as Director of International Relation Office of Tabriz University of Medical Science, from 2011-2013, Tabriz, IRAN.
7. -Working as Director of Neonatal ward and NICU of, Alzahra Teaching Hospital of Tabriz, from 2006 Tabriz, IRAN.
8. Working as Director of Perinatal and Neonatal Regionalization Committee in East Azerbaijan of IRAN from 2006 Tabriz, IRAN.
9. Working as Member of board of Directors of Iranian society Of Neonatology (2010-2013), Tehran, IRAN
10. Working as National board of directors of education of Perinatal and Neonatal subspecialty in Iran from 2014, Tehran, IRAN
11. Working as Director of Human Milk Bank of Tabriz University of Medical Sciences from 2016 ,Tabriz ,IRAN
12. Working as Directors of National Breast feeding promotion committee of MOHE from 2015, Tehran, IRAN
13. Working as head of Pediatric Department of Tabriz University of Medical Science, from 2019 until now , Tabriz, IRAN.



Academic Position:

1. Head of Pediatric Department of Tabriz University of Medical Science, from 2019 until now, Tabriz, IRAN.
2. Member of national Board of Directors of education of Neonatal and perinatal Medicine in IRAN from 2014
3. Neonatal Resuscitation Program Instructor, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN. (From 2000 until now)
4. National Instructor of Kangaroo Care of Neonatal Health Office of Ministry Of Health and Education (MOHE) of IRI. (From 2007 until now)
5. Associate professor of Neonatology, Alzahra Teaching Hospital of Tabriz, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN. (From 2000 until now)
6. Member of board of Directors of Iranian society Of Neonatology (2010-2012)
7. Associate professor of Neonatology, Pediatric Teaching Hospital, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN. (From 2000 until now)
8. Director of Neonatal ward and NICU of, Alzahra Teaching Hospital of Tabriz. (From 2002 until now)
9. Director of Neonatal ward and NICU of, Taleghanei Hospital of Tabriz. From 2014
10. Head of the Neonatology Department of Tabriz University of Medical Sciences. From 2009 until now
11. Director of Perinatal and Neonatal Regionalization Committee in East Azerbaijan of IRAN. From 2005 until now
12. Member of Maternal and neonatal health Committee of East Azerbaijan, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN. From 2004 until now
13. Consultant of Neonatal Health Office of Ministry Of Health and Education (MOHE) of IRI. From 2005 until now
14. Vice chancellor of Pediatric Health Research Center of Tabriz (from March 2015)
15. Director of international relation office of Tabriz University of Medical Science, Tabriz, IRAN. (From 2011 Until 2013)
16. NIDCAP certified trainee chosen by UNICEF office in Tehran and Neonatal Health Office of MOHE of IRAN from 2014 (Under supervision of Prof. Dr. Nikk Conemann)



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17. National committee of Neonatal Developmental care Neonatal Health Office of Ministry Of Health and Education (MOHE) of IRI 2013
18. Director of Human Breast milk Bank of Tabriz University of Medical Sciences from 2016
19. working as head of Pediatric Department of Tabriz University of Medical Science, from 2019 until now, Tabriz, IRAN.

Education:

1. 1982-1986 High School: Kamal High School of Tehran, IRAN
2. 1986–1993 Undergraduate medical training, Kerman University of Medical Sciences Kerman, IRAN.
3. 1997 –2000 Pediatrics resident training at various hospitals in Tehran and Kerman Teaching Hospitals, Kerman University of Medical Science, Kerman, IRAN.
4. 2002-2004 Clinical Fellow in the Shared Program in Neonatal Perinatal Medicine in Tehran and Amirkola Teaching Hospital, Babul, IRAN.
- 5-2014 Short course training as Sabbatical leave In: Neonatal Intensive care and Developmental care for high risk infants ,Karolinska Institute,Stokholm ,Sweden
- 6-2015-2017 “An Education and Training Program of NIDCAP for Health Care Professionals” under supervision of NIDCAP International Federation and with the support of UNICEF office in IRAN

Certification and Accreditations:

1. 1993 certified as General Practitioner, Kerman University of Medical Sciences, Kerman, IRAN.
3. 2000 Board certified as a Pediatrician, Kerman University of Medical Science, Kerman, IRAN.
4. 2004 Board certified as Neonatologist, Babul, IRAN.
- 5- 2014 Short course training as Sabbatical leave In: Neonatal Intensive care and Developmental care for high risk infants ,Karolinska Institute,Stokholm ,Sweden
- 6- NIDCAP Certified in the course of : “ Training Program for Health Care Professionals: Advanced Practicum “ under supervision of NIDCAP International



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Federation and With the support of UNICEF office in IRAN(start from April 2015 certified at April 2017)

Computer Skills:

Comfortable working on various operating systems and platforms like Windows, Mac OS, Linux and many more

Honors and Awards:

- 1) **Provincial Award By government**, for the Best Innovator between all professors of universities for innovation of the first Human Milk Pasteurizer in the country .2019
- 2) **Research and Technology Award of Tabriz University of Medical Sciences** for the Best Innovator between all professors of university for innovation of the first Human Milk Pasteurizer in the country in 2019.
- 3) **National Educational 7 th Shahid Motahary Award2014**, for making the educational Package of "Supplementary Neonatology Training Course for Pediatricians and Pediatric Residents" .
- 4) **National Educational 3 th Shahid Motahary Award2009**, for making Cleft Lip and Cleft Palate For CME program for specialists and General practitioners (software)
- 5) **Provincial Award By Insurance systems**, for the Best Physician in Practice in East Azerbaijan Province .2010
- 6) **Provincial Award By Chancellor of Tabriz University of Medical Sciences**, for the Best Practice in Reducing Maternal and Neonatal Mortality in East Azerbaijan Province .2008
- 7) **Faculty of Medicine of Tabriz University Of Medical Sciences** As the best professor Attending of pediatric group , in education and training .2014
- 8) **National Educational 8 th Shahid Motahary Award2015**, for making the educational Package of " Structured report of high risk patients in NICU "
- 9) **National Educational 11 th Shahid Motahary Award2018**, for making the educational Package of “**Designing and establishment of Guideline of Neonatal Total Parenteral Nutrition (TPN)and evaluation of its Education**

20. Research Outputs:



1. Manuscripts -Published :

1. Zahed pasha Y, Ahmadpour-kacho M, Hajiahmadi M, **Hosseini MB**. Enteral Erythropoietin Increase Plasma Erythropoietin Level in Preterm infants: A Randomized Control Trial .Indian Pediatrics .2008 45(17)25-28
2. Sakha k , **Hosseini MB**,seyyedsadri N .The Role Of Procalcitonin in Diagnosis of Neonatal Sepsis and Correlation Between Procalcitonin and C-Reactive Protein in these Patients .Pakistan journal of Biologic Sciences; 2008 11(14):1785-1790
3. Rafeey M, Ouladsaheb madarek E , Rashtchzadeh N , sheikhMonazah F , **Hosseini MB** ,Nejati N .Correlation between maternal and cord blood Leptin and fetal growth .African Journal of Biotechnology.2007; 6(17):2023-2027
4. Amirshahi M, Ivanbagha R, **Hosseini MB**. A Survey about factors of Discontinuation in Feeding Mothers milk to preterm infants in Alzahra Educational-medical center, tabriz2006.Research Journal of Medical Sciences.2008;2(6):300-304
5. Atri Barzanjeh S, Behshid M, **Hosseini MB**, Ezari M, Taghizadeh M, Dastgiri S. Community Genetic Services in Iran .Genetic Research International 2012, volume 2012,1-4
6. Semidried B, Khamnian Z, **Hosseini MB**, Dastgiri s. Congenital Anomalies and termination of pregnancy in Iran. Journal of pregnancy2012. Volume 2012
7. **Hosseini MB** , Khamnian Z, Dastgiri S, Samadirad B,Rashvand Y. Folic Acid Use and Neural Tube Defect:a case study Iran_ J Pregnancy. 2011;Volum 2011
8. Valizadeh S , **Hosseini MB** , Asghari Jafarabadi M , Ajoodanian The Effects of Massage with Coconut and Sunflower Oils on Oxygen Saturation of Premature Infants with Respiratory Distress Syndrome Treated With Nasal Continuous Positive Airway Pressure. Journal of Caring Sciences. 2012; 1(4): 191-199
9. JodeiryB, Heidarzadeh,Sahmani Asl S, **Hosseini MB**, Javaherizadeh H ,Elisai S,Abedini H. Study of Intraventricular Hemorrhage in VLBW neonates admitted in Alzahra Hospital, Tabriz ,Iran. Nigerian Journal of Medicine. 2012



10. Shafaii FS, Firozan V, Heidarii L, **Hosseini MB**, Ghojazadeh M. The comparison between inductions effect with pulsatile and continues administration on outcome of pregnancy in pregnant women referring to Tabriz 29 Bahman Hospital in 2005. Medical Journal of lorestan University of Medical Science &Health Services 2008 (Full text Persian)
11. **Hosseini MB** ,Heidarzadeh . Maternal Risk factors and Immediate Neonatal outcome in VLBW infants in Alzahra Hospital of Tabriz .Medical Journal of Tabriz University of Medical Science &Health Services .2008; 29(4)27-30 (Full text Persian)
12. Ghalehgholab Behbahan A, **Hosseini MB**, Farhangmehr T' Evaluation Of Dehydration and Hyponatremia in Neonates Admitted to Tabriz Children's Hospital, Medical Journal of Tabriz University of Medical Science &Health Services .2008 (Full text Persian)
13. **Hosseini MB**, Heidarzadeh m, Maleki Mj. Assessment validity of Transcutaneous bilirubinometry (Bilichek) and spectrophotometric methods in measurement of total serum bilirubin of neonates. Medical Journal of Tabriz University of Medical Science &Health Services .2008(Full text Persian)
14. Heidarzadeh M, **Hosseini MB** , Afshar A .Evaluation of the accuracy of End tidal Co2 monitoring (capnography) in neonates with Respiratory Distress Syndrome under mechanical ventilation .Iranian Journal of Pediatrics 2006; 16 (1):74-75(Full text Persian)
15. **Hosseini MB**, Heidarzadeh M, Jodeiry B, GhojazadehM, Balila, safavinia M. Comparison of two methods of Nasal Continuous positive Air way Pressure Under water Bubble versus Medijet system in preterm infants with Respiratory Distress Syndrome . Turkish Pediatric Journal 2012; 54: 632-640
16. Najmeh Ajoodanian¹, **Mohammad Bagher Hosseini²**, Sousan Valizadeh^{3*}, Maliheh Assadollahi Effect of Massage Therapy on Physiologic Response in Premature Infants with Respiratory Distress Syndrome Treated with Nasal Continuous Positive Airway Pressure (NCPAP).(Medical Journal Of Tabriz University of Medical Sciences Feb – Mar. 2013 34 No. 6)
17. Sousan Valizadeh, **Mohammad Bagher Hosseini**, Nasrinsadat Alavi, Malihe Asadollahi¹, Siamak Kashefimehr³. Assessment of Sound Levels in a Neonatal Intensive Care Unit in Tabriz, Iran .*Journal of Caring Sciences*, 2013, 2(1), 19-26



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18. Heidarzadeh M, Jodiery B, Mirnia K, Akrami F -, Hosseini MB -, Seifollah Heidarabadi S , HabibeLahi A . Creating the Action Model for High Risk Infant Follow Up Program in Iran. *Iran J Public Health*. 2013;42(11):1309-1315.
19. Dehkhoda N, Valizadeh S, Jodeiry B, **Hosseini MB**. The effects of an educational and supportive relactation program on weight gain of preterm infants. *J Caring Sci*. 2013;2(2):97-103. Published 2013 Jun 1. doi:10.5681/jcs.2013.012
20. Heidarzadeh M , Mirnia K , **Hosseini MB**, Sadeghnia A, Akrami F, Balila M, Ghajazadeh M, Shafai F. Surfactant Administration via Thin Catheter during Spontaneous Breathing: Randomized Controlled Trial in Alzahra hospital. *Iranian Journal of Neonatology* .2013;2(12):5-9
21. **Hosseini MB**, Jannati A, , Gholipour K, Heidarzadeh M, Iezadi S, Mojahed Vahidi RG, Perception and Expectation of Iran Neonatal Transport Expert Regard to Developing Neonatal Transport System in Iran: A Qualitative Research. *Journal of Clinical Neonatology*.**2014**; 3 (1);25-33
22. Jebreili M, Seyyedrasouli A, Gojazade M, **Hosseini MB**, Hamishekar H, Neshat Esfahlani H .The Effect of Vanilla Odor on Response to Venipuncture Pain in Preterm Newborns: a Randomized Control Clinical Trial. *Journal of Evidence base medicine* .2013;4 (11):
23. Dehkhoda N, Valizadeh S. Jodeiry B, **Hosseini MB**. The Effect of an Educational and Supportive relactation Program on Weight Gain of Preterm Infants . *Journal of Caring Sciences*. 2013;2(2): 97-103
24. **Hosseini MB**, Aslan-abadi S, Safari A ,Mirzaie S. Congenital chylothorax treated with octreotide. *Journal of Kashan University of Medical Sciences* .2014; 3 (18): 281-285
25. Seyyedrasooli A, Valizade L, **Hosseini MB**, Asghari Jafarabadi M, Mohammadzad M. Effect of Field massage on physiological jaundice in infants: a randomized Clinical trial. *Journal of Evidence base medicine* .2013 ;4 (10):
26. Mirnia K, Heidarzadeh M, **Hosseini MB**, Sadeghnia A, Balilla M, Ghajazadeh M. Comparison Outcome of Surfactant Administration via Tracheal Catheterization during Spontaneous Breathing with InSure. *Medical Journal of Islamic World Academy of Sciences*.2013; 21(4): 136-137
27. **Hosseini MB**, Jodeiri B, Mahallei M, Abdoli-Oskooi Sh, Safari A, Salimi F



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- Early outcome of peripherally inserted central catheter versus peripheral IV line in very low birth weight neonates. *Journal of Kashan University of Medical Sciences* January, 2014; 6 (17): 561-567
28. **Hosseini MB**, Aslan-abadi S, Safari A, Mirzaie S. Congenital chylothorax treated with octreotide. *Feyz, Journal of Kashan University of Medical Sciences* August, 2014; Vol. 18, No 3, Pages 281-285
29. Heidarzadeh M, Akrami F, Jodeiry B, abbibollahi A, **Hosseini MB**, Moazzen S, Dastgiri S, Mirnia K. High Risk Infants Follow-Up: A Case Study in Iran. *International Journal of Pediatrics* . 2015: 1-6
30. Jebreili M, Neshat H, **Hosseini MB**, Seyyedrasouli A, Ghojzade M, Hamishehkar H. Comparison of Breast milk Odor and Vanilla Odor on Mitigating Premature Infants' Response to Pain During and After Venipuncture. *Breast Feeding Medicine* .2015; 7 (10):362-365
31. M Jebraeily, MB Hosseini, A Seyyed Rasouli. -THE EFFECT OF TUB BATHING ON WEIGHT GAIN IN PRETERM INFANTS: RANDOMIZED CLINICAL TRIAL .
The Journal of Urmia Nursing and Midwifery Faculty, 2016
32. **Hosseini MB**, Esmaili HA, Abdoli Oskouei S, Gojazadeh M, MokariYamchi Z, Layegh V, Emami L, MokariYamchi A. Evaluation of the Freeze–Thawing Method in Reducing Viral Load of Cytomegalovirus in Breast Milk of Mothers of Preterm Infants *Breastfeeding Medicine*. 2016 ;11(10): 557-560.
33. Valizadeh L, Sanaeefar M, **Hosseini MB**, Asgari Jafarabadi M, Shamili A. Effect of Early Physical Activity Programs on Motor Performance and Neuromuscular Development in Infants Born Preterm: A Randomized Clinical Trial. *Journal of Caring Sciences*. 2017; 6(1): 69-81
34. **Hosseini MB**, Mahallei M, Mehramuz B, Behtari M, Alemi P, Abdoli Oskouee S, Salimi Z, Sakha H. Impact of Empirical Antibiotic Treatment Duration on Short-term Prognosis of Very Low Birth Weight Newborns. *Crescent Journal of Medical and Biological Sciences*. 2017; 2 (4): 59–63
35. Hasanpour S, Ouladsahebmadarek E, **Hosseini MB**, Mirghafourvand M, Heidarabadi S, Asghari Jafarabadi M The Effect of Creating Opportunities for Parent Empowerment Program on Parent's Mental Health: A Systematic Review. *Iran J Pediatr*. 2017 April; 27(2):e5704.
36. Valizadeh S, **Hosseini MB**, Asghari Jafarabadi M, Mirnia K, Saeidi F, Jabraeeli M. Comparison of 2 Methods of Light Reduction on Preterm Infants' Sleep Pattern in



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NICU: A Randomized Controlled Trial. *Crescent Journal of Medical and Biological Sciences*. 2017; 4 (7): 211–216

37. Hasanpour S, Ouladsahebmadarek E, **Hosseini MB**, Mirghafourvand M, Heidarabadi S, Asghari Jafarabadi M. The Effects of Developmental Care on Short-Term Outcomes of Preterm Infants: A Quasi-Experimental Study .*Iran Red Crescent Med J*.2017; 19(9)13799
38. Herizchi S, **Hosseini MB**, Ghoreishizade M. The Impact of Kangaroo-Mother Care on Postpartum Depression in Mothers of Premature Infants . *International Journal of Women's Health and Reproduction Sciences*. 2017; 5: 312–317
39. Asadollahi K, Mussavi M, **Hosseini MB**.The Impact of Early Discharged of Stable Preterm Neonates with Home Gavage Feeding; A Case Control Study . *Int J Pediatr* 2018; 6(2): 7141-49
40. Pourashoori Z, **Hosseini MB**, Safaiyan A, Ghorbani F, Arshadi bostanabad M.The Impact of Blood Sampling Site on Pain Score in Preterm Infants: A Crossover Randomized Clinical Trial. *Int J Pediatr* .2018 ; 50 (7):
41. **Hosseini MB**, Azampour H, Raeisi S, Behtari M, Valizadeh H, Saboohi. The effects of enteral artificial amniotic fluid-containing erythropoietin on short term outcomes of preterm infants. *Turk J Pediatr* 2019; 61: 392-398.
42. Mirnia K, Saeidi F, **Hosseini MB**, Asgharabadi M. Effect of two light reduction methods on the physiological responses of preterm infants. *J Adv Pharm Edu Res* 2019;9(S2):178-182.
43. **Hosseini MB**, Mirnia K, Ghojzadeh M, Seyedhejazi M, Aharchi Farshi B, Behtari M, Sheikhalizadeh Nobar E. Remifentanyl versus Fentanyl for pain control during elective endotracheal intubation for surfactant administration in preterm infants. *Journal of Pediatric and Neonatal Individualized Medicine*. 2018;7(2):e070214
44. Hasanpour S, Ouladsahebmadarek E, **Hosseini MB**, Mirghafourvand M, Heidarabadi S, Asghari Jafarabadi M.Mother-Infant Attachment at the Age of 1 Year in Recipients of Developmental Care After Preterm Birth. *International Journal of Women's Health and Reproduction Sciences* .2018; 6(1): 90–96



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45. Mirzaiea P, Mohammad-Alizadeh-Charandabib S, Goljarianc S, Mirghafourvand M, **Hosseini MB**. The effect of foot reflexology massage on breast milk volume of mothers with premature infants: A randomized controlled trial. *European Journal of Integrative Medicine*.2108 ;17 :72-78
46. Sojasi S., Gebreili M., Assadollahi M, Hosseini MB, Jafarabadi M. Determination and comparison of stomach residual volume at two alternate gavage ways with gravity and injection force in premature infants. *Bali Medical Journal* .2018 ;7(1): 170-176
47. **Hosseini MB**, Abdoli Oskouei S, Heidari F, Sadat Sharif A, Salimi Z, Sharif SAB. Iranian Determination of the Frequency of Microbial Agents and Drug Susceptibility Pattern of the Neonatal Sepsis in the Neonatal Intensive Care Unit at Alzahra Hospital, Tabriz, Iranian Journal Of Neonatology .2019.;10 (4): 33-40
48. Mahallei M, **Hosseini MB**, Esmaili H, Asad G. Relationship between Ureaplasma urealyticum Colonization and Bronchopulmonary Dysplasia in Very Low Birth Weight Premature Infants: A Prospective Cohort Study. *Iranian Journal of Neonatology IJN*, 2019; 10(4): 12-18
49. Valizadeh L, Mansouri Arani M, **Hosseini MB**, Asgari Jafarabadi M, Mansourian M, Ziapour A, et al . Evaluation of Maternal Anxiety in Mothers of Infants Admitted to the Neonatal Intensive Care Unit, *International Journal of Pediatrics*. 2019; 7(10): 10215-10224
50. **Hosseini MB**; Abdoli Oskouei S; Heidari F; Salimi Rad Z; sharif AA. Clinical Guideline Adaptation for Treating Neonatal Sepsis Based on the Frequency of Microbial Agents. *Iranian Journal Of Neonatology* .2020 ;11(1) :1-11
51. **Hosseini MB**, Valizadeh E, Hosseini N, Khatibshahidi S, Raeisi S. The Role of Infant Sex on Human Milk Composition. *Breastfeed Med*. 2020;15(5):341-346
52. Natalie Shenker, with participation of Virtual Collaborative Network of Human Milk Banks and Associations consist of ,Hosseini MB . Maintaining safety and service provision in human milk banking: a call to action in response to the COVID-19 pandemic. *The Lancet Child & Adolescent Health*.2020;7 (4) 484-485
53. Ouladsahebmadarek E, Hasanpour S, **Hosseini MB**, Mirghafourvand M, Heidarabadi S, Asghari Jafarabadi M. Effect of Developmental Care on Preterm Neonates' Neurodevelopmental Outcomes at 12 Months of Age. *Iranian Journal of Neonatology*. 2020 Mar; 11(3):7-14
54. **Hosseini MB**, Roshangar L, Raeisi S, et al. The Therapeutic Applications of Exosomes in Different Types of Diseases: A Review [published online ahead of print, 2020 Jun 10]. *Curr Mol Med*. 2020;10.2174/1566524020666200610164743.



55. [KNOWLEDGE AND PERFORMANCE OF MOTHERS ABOUT HANDS HYGIN IN NICU](#)
Z Heydarpour Damanabad, L Valizadeh, MB Hosseini... - Nursing and midwifery journal, 2020
56. Natalie S, Marta S ,Amy V, Joao A, Satish T, Sushma N, **Hosseini MB** ,et al
.Maintaining human milk bank services throughout the COVID-19 pandemic:
A global response, Matern Child Nutr. 2021;17:e13131.
57. Soltan Dallal MM , Moghadam Maragheh N , Rajabi Z , **Hosseini MB** ,
Probiotic properties of Lactobacilli isolated from human milk and their
inhibitory effect on gastrointestinal pathogenic bacteria, African Journal of
Microbiology Research, Vol.15(6), pp. 318-324 , June 2021
58. **Hosseini MB** ,Farshbaf-Khalili A, Seyyedzavvar A , Fuladi N, Hosseini N
5; Talashi S Short-term Outcomes of Launching Mother's Milk Bank in
Neonatal Intensive Care Unit: A Retrospective Study. Arch Iran Med. May
2021;24(5):397-404
- 59.

2-Manuscripts –Accepted or In-Press

1. **Hosseini MB** ,Jannatdost A. Assessment of selective cerebral hypothermia
with cool cap in early prognosis of neonates with birth asphyxia
2. **Hosseini MB**, Javaherizadeh H' Salimii Z.The comparison of routine
umbilical venous catheterization with peripheral venous lines in very low
birth weight infants.
3. Abdinia B, **Hosseini MB**, Alikhah, Millanii, Evaluation of Neonatal
Nosocomial Infections in North West of Iran according to National protocol
survey.
4. **Hosseini MB**, Entezarei M, Hosseini N .Preventive use of Calcitriol versus
cholecalciferol on biochemical markers of Metabolic Bone Disease (MBD) in very
low birth weight infants: a randomized clinical trial.



3-Abstracts :

1. Heidarzadeh m, **Hosseini MB**, Ershadmanesh M. The effect of Kangaroo Mother Care on Breast feeding at The time of NICU Discharge .programme & Abstract Book 1st European Conference on the Kangaroo Mother Care Methods2008 .Uppsala ,Sweden
2. **Hosseini MB**, Heidarzadeh M, Siamak S, Ghojazadeh M, Ghatrehsamani F.The Impact of Total Body Massage and Kangaroo Care on Prevention of Osteopenia of Prematurity in VLBW infants in the Northwest Iran,; Early Human development ,2010. Vol 86,supplement.page S13
3. Valizadeh S, **Hosseini MB**, Alavi NS, Evaluation Noise Levels In a Neonatal Intensive Care Unit in The Alzahra Teaching Hospital, Abstracts book of 4th Congress of the European Academy OF Pediatric Society2012
4. **Hosseini MB** ,Heidarzadeh m , Fayazii A .The comparison of 2 and 3 bolus feeding in prognosis of Very Low Birth preterm infants. Abstracts book of 20th Annual congress of European Society of Neonatal and Pediatric Intensive Care 2009.
5. Amirshahi M , Ivanbagha R, **Hosseini MB** .A Survey about factors of Discontinuation in Feeding Mothers milk to preterm infants in Alzahra Educational-medical center, tabriz2006. Abstracts book of Iranian Feeding congress of infants and pediatrics, 23-24Jul2008. Mashhad, Iran
6. **Hosseini MB** ,Heidarzadeh m,Safaralizadeh A . Surfactant therapy and nasal continues positive airway pressure for less than 32 weeks preterm newborns with respiratory distress syndrome .Abstracts book of 20th International Congress of Pediatrics 2008 (1) 46
7. **Hosseini MB** .New findings about Neonatal seizure and report of infants with seizure in Alzahra Hospital at 2003-2005 .Abstracts book of Articles of 6th Scientific Convention of Pediatric Neurologists of Iran. 2006; 1:72
8. **Hosseini MB** ,Heidarzadeh M, Taghavi S ,Golzar A .The predictive value of amniotic fluid lamellar body count in easy and rapid evaluation of fetal lung maturity. Abstract book of 20th International Congress of Pediatrics 2008 (1) 50.
9. **Hosseini MB** ,Heidarzadeh M , sandoghchian shotorbanii MR, Ahmadian S. Assessment of stressor in parents of neonates admitted in Neonatal Intensive



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care Unit (NICU) in North west of IRAN , Abstracts book of 3th national congress of neonatal health and perinatology , Zanjan , IRAN 2010

10. **Hosseini MB**, Abdollahi Fakhim S. Electronic learning in Multy disciplinary approach in treatment of cleft lip and palate. Abstract book of 4 th National Conference of E-learning in Medical Sciences.15-17 Feb 2011
11. **Hosseini MB**, Heidarzadeh M. Maternal Risk factors and Immediate Neonatal outcome in VLBW infants in Alzahra Hospital. Abstracts book of 2th national congress of neonatal health and perinatology 2008.Tabriz. Iran
12. **Hosseini MB**, Heidarzadeh M Surfactant therapy and nasal continues positive airway pressure for less than 32 weeks preterm newborns with respiratory distress syndrome .Abstract book of 20 th International Congress of Pediatrics 2008. Tehran, Iran
13. **Hosseini MB**, Heidarzadeh M, Taghavi S, Golzar A The predictive value of amniotic fluid lamellar body count in easy and rapid evaluation of fetal lung maturity. Abstract book of 20 th International Congress of Pediatrics 2008, Tehran, Iran
14. Zahed pasha Y, Ahmadpour kacho M , Hajiahmadi M, **Hosseini MB** Enteral Erythropoietin Increase Plasma Erythropoietin Level in Preterm infants. Abstracts book of 17 th International Congress of Pediatrics 2005 Tehran, Iran
15. **Hosseini MB**, Report on Recent Advances in Neonatal Medicine Symposia and Participants. Abstracts book Recent Advances in Neonatal Medicine Symposia (Iranian Turkish Day in Neonatology) 17 July 2011. Tabriz, IRAN
16. **Hosseini MB**; Abdoli Oskouei S; Heidari F; Salimi Rad Z; sharif AA. Clinical Guideline Adaptation for Treating Neonatal Sepsis Based on the Frequency of Microbial Agents. Abstract Book of 5Th national congress of neonatal health 2018.Tehran . Iran
17. **Hosseini MB**, Abdoli Oskouei S, Heidari F, Sadat Sharif A, Salimi Z, Sharif SAB.Iranian Determination of the Frequency of Microbial Agents and Drug Susceptibility Pattern of the Neonatal Sepsis in the Neonatal Intensive Care Unit atAlzahra Hospital, Tabriz. Abstract Book of 5Th national congress of neonatal health 2018.Tehran . Iran
18. **Hosseini MB**, Heidarzadeh M, Khatibshahidi S. Short-term Outcomes of launching Donor Human Milk Bank in Neonatal Intensive Care Unit: A Retrospective



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Study. Abstract Book of 6th national congress of neonatal health 2019. Tehran . Iran

19. **Hosseini MB**. Potentials of Alzahra Teaching Hospital of TABRIZ and it's Human Milk bank in Islamic Republic of IRAN. Abstract Book of INFORMAL CONSULTATIVE MEETING ON ADOPTING SELF CARE INTERVENTIONS FOR SEXUAL AND REPRODUCTIVE HEALTH IN THE EASTERN MEDITERRANEAN REGION. Beirut, Lebanon . 16-18 April 2019
- 20.

4-Book Chapter -Published

1. Heidarzadeh M, Janatdost A, **Hosseini MB**, et al. Translate of Text Book of Neonatal Resuscitation BY John Kattwinkel. 5th Ed, 2006. EDC of Tabriz University of Medical Science.
2. **Hosseini MB**, Fakhim Abdollahii S, Cleft Lip and Cleft Palate for CME program for specialists and General practitioners (software) 2009
3. **Hosseini MB**, Fakhim Abdollahii S. Cleft Lip and Cleft Palate for Family Education (CD) 2009
4. Mohagheghi P, **Hosseini MB**, Editorial Team. Book Chapter for Oxygen therapy chapter National Text Book of Mechanical Ventilation, 2008
5. Basir FM, **Hosseini MB**, Editorial Team, Book Chapter for Evaluation of congenital Anomalies: 1st congress of Iranian Scientific Society of Perinatology, 2007
6. Heidarzadeh M, Azampour H, Janatdost A, **Hosseini MB**, et al. Translate of Specialized Newborn Care (PCEP) Perinatal Continuing Educational Program ,2007
7. Jodeiry B, Heidarzadeh M, ,Habibollahi A, Janatdost A, **Hosseini MB**, et al. Iran High Risk Infants Follow Up Service Package. 2013
8. Narges Sadeghei **Hosseini MB**. National Human Milk Bank Clinical Guideline of Islamic Republic of IRAN . 2018
9. Heidarzadeh M ,Mohagheghi P, **Hosseini MB**, Editorial Team. National Guideline Neonatal Developmental Care (Persian language). 2019
- 10.

Congress attendance (presentations):

1. Heidarzadeh m, **Hosseini MB**, Ershadmanesh M. The effect of Kangaroo Mother Care on Breast feeding at the time of NICU Discharge. Sweden, Uppsala, 8-11 Oct 2008
2. **Hosseini MB** ,Heidarzadeh m , Fayazii A .The comparison of 2 and 3 bolus feeding in prognosis of Very Low Birth preterm infants. Abstracts book of 20



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th Annual congress of European Society of Neonatal and Pediatric Intensive Care 2009. Verona Italy.(poster presentation)

3. **Hosseini MB**, Heidarzadeh M, Shiva S, Ghojazadeh M, Ghatreh Samani M. The Impact of Total Body Massage and Kangaroo Care on Prevention of Osteopenia of Prematurity in VLBW infants in the Northwest Iran 2010, Bodrum, Turkey
4. **Hosseini MB**, Neonatal health in Iran (DHS 2010). International Workshop on Organization of Neonatal Services in South Eastern European and Middle Eastern Countries . 17 April 2011 Marmaris Turkey
5. Valizadeh S, **Hosseini MB**, Alavi NS, Evaluation Noise Levels In a Neonatal Intensive Care Unit in The Alzahra Teaching Hospital, Abstracts of 4th Congress of the European Academy OF Pediatric Society, 2012. Istanbul, Turkey(Poster)
6. **Hosseini MB**, Report on Recent Advances in Neonatal Medicine Symposia and Participants. Recent Advances in Neonatal Medicine Symposia (Iranian Turkish Day in Neonatology) 17 July 2011. Tabriz, IRAN
7. **Hosseini MB** ,Heidarzadeh m , Fayazii A .The comparison of 2 and 3 bolus feeding in prognosis of Very Low Birth preterm infants. Annual congress of Society of pediatrics & 29th memorial congress of prof. Dr.Garib, Advances in pediatrics. 19-23 April 2008. Tehran. Iran
8. Amirshahi M , Ivanbagha R, **Hosseini MB** .A Survey about factors of Discontinuation in Feeding Mothers milk to preterm infants in Alzahra Educational-medical center, tabriz 2006. Iranian Feeding congress of infants and pediatrics, 23-24 Jul 2008. Mashhad, Iran
9. Heidarzadeh M, **Hosseini MB**, Afshar A. Evaluation of the accuracy of End tidal Co2 monitoring (capnography) in neonates with Respiratory Distress Syndrome under mechanical ventilation. 27 oct-1 Nov 2006 Tehran. Iran
10. **Hosseini MB**, Heidarzadeh M. Tehran. Maternal Risk factors and Immediate Neonatal outcome in VLBW infants in Alzahra Hospital of 27 oct-1 Nov 2006. Tabriz. Iran
11. **Hosseini MB**. New findings about Neonatal seizure and report of infants with seizure in Alzahra Hospital 2003-2005. Tabriz, Iran 12-14 Sept 2006



12. **Hosseini MB**, Heidarzadeh M Surfactant therapy and nasal continues positive airway pressure for less than 32 weeks preterm newborns with respiratory distress syndrome 9-13 Oct 2008. Tehran, Iran
13. **Hosseini MB**, Heidarzadeh M, Taghavi S, Golzar A The predictive value of amniotic fluid lamellar body count in easy and rapid evaluation of fetal lung maturity. 9-13 Oct 2008, Tehran, Iran
14. Zahed pasha Y, Ahmadpour kacho M , Hajiahmadi M, **Hosseini MB** Enteral Erythropoietin Increase Plasma Erythropoietin Level in Preterm infants. Tehran, Iran 2005
15. **Hosseini MB**, Heidarzadeh M, Sandoghchian Shotorbanii MR, Ahmadian S. Assessment of stressor in parents of neonates admitted in Neonatal Intensive care Unit (NICU) in north west of IRAN, 3 th National Congress of Neonatal Health and perinatology, Zanjan , IRAN 2010
16. **Hosseini MB**. Breast Feeding support in Swedish Hospitals ,National Conference of Breast feeding for Preterm infants. Tehran, Iran 2014
17. **Hosseini MB** , Hassanpour , Effects of development care on short outcome of preterm infants admitted in NICU of Alzahra Teaching Hospital of Tabriz Iran. 27th Annual NIDCAP Trainers Meeting .October 26 – 29, 2016 .Royal Hotel Carlton Bologna, Emilia-Romagna, Italy
18. **Hosseini MB**. Bioactive materials of Breast Milk and their effects on prevention of infections. 4th Iranian Neonatal Health Congress .Nov 22-24 2018
19. **Hosseini MB**; Abdoli Oskoue S; Heidari F; Salimi Rad Z; sharif AA. Clinical Guideline Adaptation for Treating Neonatal Sepsis Based on the Frequency of Microbial Agents. 5Th national congress of neonatal health 2018. Tehran . Iran
20. **Hosseini MB**, Abdoli Oskoue S, Heidari F, Sadat Sharif A, Salimi Z, Sharif SAB. Iranian Determination of the Frequency of Microbial Agents and Drug Susceptibility Pattern of the Neonatal Sepsis in the Neonatal Intensive Care Unit at Alzahra Hospital, Tabriz. 5Th national congress of neonatal health 2018. Tehran . Iran
21. **Hosseini MB**, Heidarzadeh M, Khatibshahidi S. Short-term Outcomes of launching Donor Human Milk Bank in Neonatal Intensive Care Unit: A Retrospective Study. 6Th national congress of neonatal health 2019. Tehran . Iran
22. **Hosseini MB**. Potentials of Alzahra Teaching Hospital of TABRIZ and it's Human Milk bank in Islamic Republic of IRAN. INFORMAL CONSULTATIVE MEETING ON ADOPTING SELF CARE INTERVENTIONS FOR SEXUAL AND REPRODUCTIVE HEALTH IN THE EASTERN MEDITERRANEAN REGION. 16-18 April 2019. Beirut. Lebanon.



23. **Hosseini MB.** Breast Milk Banking in Islamic Countries. Global Status of Human Milk Banking Technical Background Document prepared for the International Expert Consultation on Donation and Use of Human Milk and Human Milk Banking 24 June 2019
- 24.

Teaching Experiences:

1. Medical students, Faculty of Medicine, Tabriz University of Medical sciences, Tabriz, IRAN, since 2004 until now.
2. Pediatric Residents, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, IRAN, since 2004 until now.
3. Neonatal and perinatal Fellowships, Faculty of Medicine, Tabriz University of Medical Science, Tabriz, IRAN. Since 2009 until now.
4. Msc Nursing of Neonatal Intensive Care , Faculty of Nursing and Midwifery, Tabriz University of Medical Science, Tabriz, IRAN. Since 2008 until now.
5. Pediatrician course of Neonatology (Perinatal Continuum Education Program), Alzahra Teaching Hospital of Tabriz, Medicine Faculty, Tabriz University of Medical Science, Tabriz, IRAN. Since 2005 until now.
6. Nursing course of Neonatology , Perinatal Continuum Education Program)for nursing staff , Alzahra Teaching Hospital of Tabriz, Medicine Faculty, Tabriz University of Medical Science, Tabriz, IRAN. Since 2005 until now.
7. Training of familiarity with Newborn Individualized Developmental Care and Assessment Program (NIDCAP) for Health Care Professionals (Nursing Staff and Neonatologist) of :
 - a. Yasoug University Feb 1-5 2017
 - b. Hamedan University of Medical Sciences July 15, 16 2017
 - c. Khoy Hospital (in Khoy Hospital)July 6 2017
- 8.

Professional experiences:



1. Implementation of Developmental Care in NICU of Alzahra Teaching Hospital Of Tabriz , Tabriz University of Medical Science, Tabriz, IRAN. Since 2013 until now.
- 2.
3. Establishing subspecialty of "neonatal Perinatal Fellowship training "in Tabriz University of Medical Sciences as the first subspecialty in Pediatric group of TUOMS.
4. Implementation of Regionalaoization of Perinatal and Neonatal Program in East Azerbaijan, Tabriz University of Medical Science, Tabriz, IRAN. Since 2005 until now.
5. Designing and Implementation of Iranian Neonatal Emergency Transport System (INETs) in East Azerbaijan, Tabriz University of Medical Science, Tabriz, IRAN. since 2010 until now
6. Participation in Implementation of Kangaroo Care in Alzahra Teaching Hospital, Tabriz University of Medical Science, Tabriz, IRAN. Since 2007 until now.
7. Designing and Supervising of Neonatal Intensive Care Unit(NICU) and Neonatal ward of, Pediatric Teaching Hospital of Tabriz, 2006 Tabriz, IRAN
8. Implantation of Developmental Care (NIDCAP) in Alzahra Teaching Hospital of Tabriz (NNACP) it has started from April 2015 and will follow for next years
9. Establishment of Matin Promoter of Breast Milk Company a knowledge-based company with the main purpose of Production ,Distribution and Export of Human Milk Pasteurizer and other Milk banks equipment's at 2016
10. Establishment of First Breast Milk Bank in IRAN in Alzahra Teaching Hospital with support of UNICEF office in Iran and Neonatal Health office of MOHE,since July 2016
11. Training course for promotion of Breast Milk Bank's network in IRAN in Alzahra Teaching Hospital with support of Neonatal Health office of MOHE,2018-2019
- 12.

Thesis Supervision



- 1- Evaluation Of Dehydration and Hybernemia in Neonates Admitted to Tabriz Children's Hospital. By tahmineh Farhangmehr, 2007 **(For MD degree)**.
- 2- Surfactant therapy and nasal continues positive airway pressure for less than 32 weeks preterm newborns with respiratory distress syndrome. By Abolfaz Safaralizadeh, 2007 **(For specialty in pediatrics)**.
- 3- The predictive value of amniotic fluid lamellar body count in easy and rapid evaluation of fetal lung maturity. By Ali Golzar, 2008 **(For specialty in pediatrics)**.
- 4- Evaluation of the accuracy of End tidal Co2 monitoring (capnography) in neonates with Respiratory Distress Syndrome under mechanical ventilation. By Narges Afshar, 2007 **(For specialty in pediatrics)**.
- 5- Evaluation of prophylactic Antibiotic in pregnancies complicated with PPRPM on prolongation of pregnancy and outcome of neonates. By Mehri Azar Fakhraii. 2006 **(For MD degree)**.
- 6- A Survey about factors of Discontinuation in Feeding Mothers milk to preterm infants in Alzahra Educational-medical center, tabriz2006.By MehrbanooAmirshahi 2007 (**For Master of science Midwifery**)
- 7- The comparison between induction effect with pulsatile and continuous administration on outcome of pregnancy in pregnant women referring to Tabriz 29 Bahman Hospital in 2005. By Vahideh Firozan 2007(**For Master of science Midwifery**)
- 8- Assessment validity of Transcutaneous bilirubinometry (Bilichek) and spectrophotometric methods in measurement of total serum bilirubin of neonates. By Mirjalil Maleki ,2008 **(For MD degree)**
- 9- The comparison of 2 and 3 bolus feeding in prognosis of Very Low Birth preterm infants. By Afshin Fayazii, 2007 **(For specialty in pediatrics)**.
- 10- Comparison of two methods of Nasal Continuous positive Air way Pressure (Under water Bubble versus Medine device) in preterm infants with Respiratory Distress Syndrome by Masomeh Balilla2010 by Masomeh Balila **(For subspecialty in neonatal Perinatal Fellowship)**.
- 11- Evaluation of massage on physiologic parameters of preterm infants under nasal CPAP by Ajodanian 2010 BY Najmeh Ajodanian (**For Master of science of neonatal nursing care**)



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- 12- Evaluation Noise Levels In a Neonatal Intensive Care Unit in The Alzahra Teaching Hospital By Nasin Sadat Alavii(**For Master of science of neonatal nursing care**)
- 13- Head Cooling for Neuroprotection in Neonates ≥ 35 weeks gestational age with Hypoxic Ischemic Encephalopathy (HIE) By Dr. Asgharii (**For specialty in pediatrics**)
- 14- Outcome of peripherally inserted central catheter (PICC) versus peripherally conulation (PC) in very low birth weight (VLBW) infants. By Dr.Safary (**For subspecialty in neonatal Perinatal Fellowship**).
- 15- Oral Erythropoietin protecting effects against necrotizing enterocolitis of very low birth weight infants By Dr.Azampour (**For subspecialty in neonatal Perinatal Fellowship**).
- 16- Evaluation of Adverse early Outcomes of Prolonged Initial Empirical Antibiotic Therapy in VLBW Premature Infants. By Dr. Allami(**For specialty in pediatrics**)
- 17- Comparison of long term outcome of two groups of preterm infants :
Developmentally supported V/s routine care in NICU of Alzahra Teaching Hospital .By Dr.Hassanzadeh (**For PhD project in Maternal and Neonatal Health**)
- 18- comparison of intravenous vs enteral administration of fat emulsion (intralipid) in very low birth weight infants. By Dr.Roshanei (**For subspecialty in neonatal Perinatal Fellowship**).
- 19- Introducing of Neonatal Intensive care unit to mothers of high risk infants who admitted their infants in NICU of Alzahra Teaching Hospital. By Mehrabian (**For Master of science of neonatal nursing care**)
- 20- Mothers' Manner in Managing the Birth of premature Infant and its outcomes.By Arzanei A . (**For Master of science of neonatal nursing care**)
- 21-Remifentanil Versus Fentanyl for Pain Control during Elective Endotracheal Intubation for surfactant administration in Preterm Neonates By Dr.Aharchei (**For subspecialty in neonatal Perinatal Fellowship**).
- 22- Comparison of two methods of Noninvasive mechanical support (NCPAP andNIPPV) after surfactant Therapy in preterm infants . By Dr.Eivazie (**For subspecialty in neonatal Perinatal Fellowship**).
- 23- Comparison of pain and Physiological indices of premature infants in two methods of blood sampling via from head and hand veins:A cross over Clinical Trial. By Zahra Pourashoury (**For Master of science of neonatal nursing care**)



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- 24- Guideline Adaptation of evaluation and treatment of Neonatal Sepsis in NICU of Alzahra Teaching hospital and evaluation of its effectiveness .By Dr.Amir Shareiffy (**For subspecialty in neonatal Perinatal Fellowship**).
- 25- Evaluation of two methods of peripheral light reduction in infants' sleep in the NICU.By Farinaz Saeidy (**For Master of science of neonatal nursing care**)
- 26- Evaluation of Enteral Recombinant Erythropoietin(R-EPO) in prevention of Necrotizing Enterocolitis in Very Low Birth Weight infants.Turkish Journal of Pediatrics by Azampour M, (**For subspecialty in neonatal Perinatal Fellowship**)
- 27- Comparison of Early outcome of Extremely Low Birth Weight (ELBW) Infants before and after running(Implementation)the palliative Care protocol according to CRIB II scoring system in the Tabriz Alzahra hospital. by Heidarpour M(**For subspecialty in neonatal Perinatal Fellowship**)
- 28- Guideline Adaptation of Neonatal Total Parenteral Nutrition (TPN)and evaluation of its Implementation on early outcome of infants in Neonatal Intensive Care Unit. by Ganjei S (**For subspecialty in neonatal Perinatal Fellowship**)
- 29- Remifentanyl versus Fentanyl for pain control during elective endotracheal intubation for surfactant administration in preterm Infants. by Aharchei B (**For subspecialty in neonatal Perinatal Fellowship**)
- 30- Evaluation of early prognosis of stable preterm infants discharge home by gavage feeding . by Abaei B (**For General Practitioner MD**)
- 31- comparison of intravenous vs enteral administration of fat emulsion (intralipid) in very low birth weight infants. by Roshanei A (**For subspecialty in neonatal Perinatal Fellowship**)
- 32- Nurses' knowledge and Attitude on Newborn Individualized Developmental Care and Assessment Problem and Their Perception of its Results in hospital of Tabriz.By Baghlane R (**For Master of science of neonatal nursing care**)

Professional Membership:

1. Member of European Society of Pediatrics 2012
2. European Society of Neonatal and Pediatric Intensive Care (ESPNIC) 2009
3. Union of Central Eurasian Neonatal Societies UCENS 2009



4. Iranian Society Of Neonatology 2002
21. Member of board of directors of Iranian society Of Neonatology 2010-2012
5. East Azerbaijan Maternal and neonatal health Committee.2005
6. Pediatric Research Center of Tabriz University Of Medical Sciences. 2012
7. National committee of Kangaroo Care. Neonatal Health Office of Ministry Of Health and Education (MOHE) of IRI 2007
8. National committee of Neonatal Resuscitation Program.
Neonatal Health Office of Ministry Of Health and Education (MOHE) of IRI 2007
9. National committee of Neonatal Developmental care
Neonatal Health Office of Ministry Of Health and Education (MOHE) of IRI 2013
10. National committee of Breast feeding support of Pediatric Health Office of Ministry Of Health and Education (MOHE) of IRI 2016
11. European Milk Bank Association 2016
12. National committee of Regionalization and Pediatric Health Office of Ministry Of Health and Education (MOHE) of IRI 2019
- 13.

Interests:

1. Kangaroo care and Breast Feeding
2. NIDCAP and Developmental care of high risk infants
3. Breast feeding and Human Milk Banking
4. Noninvasive Methods in Respiratory Care of Infants (Nasal Continuous positive Air way Pressure and High Flow Nasal Canola)
5. Infection Prevention in Neonatal Intensive Care and Hand washing



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6. Touch and Massage for Medically Fragile Infants
7. E-learning in neonatal care for nursing staff
8. Data collecting system in NICUs and Networking
9. Designing of NICUs
10. Innovation of human milk pasteurizer and new method of pasteurization.