



DEPARTMENT OF PAEDIATRICS

Name: Shareena bt Ishak

Address: Department of Paediatrics, Faculty of Medicine, Hospital Pakar Kanak-Kanak UKM,
Jalan Yaacob Latif 56000 Kuala Lumpur

Nationality: Malaysian

Appointment status: Full Time, Permanent

Academic Position: Associate Professor VK7

Administrative Position: Head of Neonatal Unit, UKMMC, 2016-

Qualifications: MBBS (1998, UM)
Masters in Paediatrics (2005, UKM)

Sub-specialty: Credentialed as a Consultant Neonatologist in July 2010

Academic responsibilities:

1. Teaching and assessing undergraduates
2. Teaching / Supervising postgraduates (Masters in Paediatrics)
3. Conducting clinics and ward rounds
4. Member of the following committees:
 - a. Committee Member for the Newborn Hearing Screening Programme
 - b. Baby-Friendly Hospital Initiative PPUKM
 - c. Neonatal Resuscitation Programme

Research Interest:

1. Neonatal Ultrasonography/Echocardiography
2. Infant Nutrition, Breastfeeding

Recent research projects:

1. Factors Facilitating Breastfeeding the Very Preterm Infants in The Neonatal Intensive Care Unit, 2021, FF-2021-219
2. Evaluation on Doctors' Performance 6 Months Post Neonatal Resuscitation Program (NRP) in Hospital Canselor Tuanku Muhriz (HCTM), Universiti Kebangsaan Malaysia (UKM), 2021, FF-2021-142
3. Characterization Of Carbapenem-Resistant Enterobacterales In Neonatal Intensive Care Unit, Hospital Canselor Tuanku Mukhriz, 2021, FF-2021-209
4. Self-Efficacy In Breastfeeding Among Mothers In Universiti Kebangsaan Malaysia Medical Center, 2020, FF-2020-313
5. Interventional Strategy in Tackling Emerging Non-alcoholic Fatty Liver Disease in Childhood Obesity, 2018, GUP-2018-052
6. Open-Label, Randomized, Two-Arm, Controlled Study to Assess the Efficacy, Safety, and Tolerability of Intravitreal (IVT) Aflibercept Compared To Laser

- Photocoagulation In Patients with Retinopathy of Prematurity (ROP), 2019, FF-2019-415
7. Parental Perception of Their Child's Body Size, 2019, FF-2019-377
 8. Seroprevalence of Congenital Cytomegalovirus Infection-Associated Hearing Loss Amongst Newborns Delivered in UKMMC, 2019, FF-2019-245
 9. Development of The Standard Operating Procedure (SOP) For the Establishment of Milk Sharing and Milk Banking Mechanism at Neonatal Intensive Care Unit (NICU) UKMMC, 2018, JEP-2018-284
 10. In-Depth Interview of Knowledge and Attitude on Milk Banking and Milk Sharing Among Mothers of Healthy Newborn, JEP-2018-086
 11. Knowledge and Attitude of Malaysian Mothers Having Preterm Infants Towards Human Milk Sharing and Milk Banking: A Qualitative Study via In-Depth Interview, JEP-2018-079
 12. Knowledge and Attitude of Breastfeeding Among Paediatricians-In-Training in Northern Malaysia, 2018, FF-2018-177
 13. Expressed Breast Milk for Premature Infant in Neonatal Intensive Care Unit: Experiences and Efficacy, 2018, FF-2018-160
 14. Knowledge and Attitude towards Breast Milk Expression, Storage and Usage Among Working Mothers, 2018, FF-2018-129
 15. Pengetahuan, Sikap dan Amalan Ibu-Ibu, Doktor dan Jururawat Pediatrik dan Pengendali Susu Mengenai Perkongsian dan Perbankan Susu Ibu, JEP-2018-038
 16. Association of Phytoestrogens and Development of External Genitalia in Male Newborns, FRGS/1/2017/SKK08/UKM/01/1
 17. Barriers to Care among Children with Cerebral Palsy at Institute of Paediatrics, Hospital Kuala Lumpur, FF-2017-200
 18. SIDS Risk Reduction & Safe Sleep Practices for Babies: A Study on Knowledge and Practice among Caregivers of Preterm Infants Discharged from NICU, UKM Medical Centre, FF-2016-212
 19. Diabetes Empowerment in Women Initiative (DEWI), FF-2016-213
 20. Neonatal Hypoxic Encephalopathy: Correlation between Post-Cooling MRI Findings at 2 Years Neurodevelopmental Outcome, FF-2016-180
 21. A Randomised Controlled Trial Comparing the Haemoglobin Level of Umbilical Cord Milking versus Immediate Cord Clamping at 24 Hours of Life in Term Neonates: UMMI Trial, FF-2016-375
 22. The Effect of Breastfeeding Education on Parents` Knowledge, Infants` Weight Gain and Length of Stay in Neonatal Intensive Care Unit (NICU), FF-2016-405
 23. Reducing Contamination of Expressed Breast Milk in the Neonatal Intensive Care Unit: Efficacy of an Intervention Programme, FF-2016-171
 24. Maternal and neonatal disease burden in UKMMC: a record-linkage study. Geran Universiti Penyelidikan, GUP-2014-089
 25. Development and implementation of microbiological safety system (HACCP) and establishing predictive risk (MRA) of Cronobacter spp. infection in neonatal intensive care unit of hospitals. Dana Impak Perdana, DIP-2014-007

Recent Publications:

1. Global PaedSurg Research Collaboration, Dayang Anita Abdul Aziz, Ainal Huda Abu Bakar, **Shareena Ishak**, Zarina Abdul Latiff, Felicia Lim, Marjmin Osman, Siti Farhan Moh Pauzi, Rufinah Teo, Azrina SK Zaman. Mortality from gastrointestinal

congenital anomalies at 264 hospitals in 74 low-income, middle-income, and high-income countries: a multicentre, international, prospective cohort study. *The Lancet* 2021; 398:325-339

2. Siti Noor Atikah AR, Safinaz MK, **Shareena I**. Risk factors of aggressive posterior retinopathy of prematurity (aprop) in a heavier premature infant: a case report. *Malaysian Journal of Ophthalmology* 2021; 3(supp 4):67-68
3. Siti Noor Atikah Abd Rahman, Safinaz Mohd Khialdin, **Shareena Ishak**. Aggressive retinopathy of prematurity in a larger and less preterm infant: A review of possible risk factors. *Cureus* 2021; 13(11):1-7
4. Raymond Warouw, **Shareena Ishak**, Rohana Jaafar, Dayang Anita Abdul Aziz, Fook-Choe Cheah. Video-assisted thoracoscopic surgery for the plication of high-level thoracic congenital diaphragmatic eventration. *Perinatology* 2020; 21(1):15-18
5. Asma Abdullah , Khairul Azlan Shahril Abu Dahari , Azmi Mohd Tamil , Jaafar Rohana, Mohamad Yunus Mohd Razif , **Ishak Shareena**. The prevalence of hearing loss among babies in the neonatal intensive care unit in a tertiary hospital in Malaysia. *Medeniyet Medical Journal* 2020;35:116-20
6. Shabbir F, Nina H, Lim ZY, Amelia AR, Nor Ain MZ, **Shareena I**, Rohana J. Expressed breast milk feeding: knowledge and attitude of employed mothers. *Medicine & Health* 2019; 2020; 15(1): 177-186
7. Emilia Rosniza Mohammed Rusli, Juriza Ismail, Wong Saw Wei, **Shareena Ishak**, Rohana Jaafar, Faizah Mohd Zaki. Neonatal hypoxic encephalopathy: Correlation between post-cooling brain MRI findings and 2 years neurodevelopmental outcome. *The Indian Journal of Radiology and Imaging* 2020; 29(4):350-355
8. Siti Azuna Abu Bakar, Siti Mariam Muda, Siti Roshaidai Mohd Arifin, **Shareena Ishak**. Breast Milk Expression for Premature Infant in the Neonatal Intensive Care Unit: A Review of Mothers' Perceptions. *Enfermeria Clinica* 2019; 29(S2):725-732
9. Dayang Anita Abdul Aziz, Marjmin Osman, Mohd Fadli Abdullah, Felicia Lim, Rufinah Teo, Fook Choe Cheah, **Shareena Ishak**, Rohana Jaafar, Swee Fong Tang, Bilkis Abdul Aziz, Hasniah Abdul Latif, Zarina Abdul Latiff. Port-less technique (PLT) in pediatric video-assisted thoracoscopic surgery (VATS): a 10-year experience at National University of Malaysia. *Open Access Surgery* 2019; 12:7-11
10. Nazedah Ain Ibrahim, Mohd Makmor Bakry, **Shareena Ishak**, Noraida Mohamed Shah. A Review of Antibiotic Used in Suspected Early-Onset Neonatal Sepsis from Malaysian Perspective: Which Ones to Choose and How Long to Give? *Asian Journal of Pharmaceutical and Clinical Research* 2019; 12(1):529-536
11. I Shareena, NFE Flora, SZ Syed Zakaria, A Adli, J Rohana. Neonatal Pain: Knowledge and Perception Among Pediatric Doctors in Malaysia. *Pediatrics International* 2019; 61:67-72
12. Rosnah Sutan, Nur Ezdiani Mohamed, Zaleha Abdullah Mahdy, **Shareena Ishak**, Khadijah Shamsuddin, Idayu Badilla Idris, Shuhaila Ahmad, Rohana Jaafar, Aniza Ismail, Saperi Sulong. A 5-year trend and predictors of preterm births in single referral centre of the Greater Kuala Lumpur, Malaysia. *International Journal of Pregnancy & Child Birth* 2018; 4(6):196-201
13. Timothy LW. Wong, Marina Mat Baki, **Shareena Ishak**, Goh Bee See. A Bizarre Case of Accessory Larynx in an Infant with OEIS Syndrome. *International Journal of Pediatric Otorhinolaryngology* 2018; 114:134-7

14. Jaafar Rohana, Wan Md Zin Wan Nurulhuda, **Shareena Ishak**. Sudden Infant Death Syndrome: Knowledge and Practice of Parents with Preterm Infants. *Pediatrics International* 2018; 60:710-13
15. Rosnah Sutan, May Luu Yeong, Zaleha Abdullah Mahdy, Ahmad Shuhaila, Jaafar Rohana, **Shareena Ishak**, Khadijah Shamsuddin, Aniza Ismail, Idayu Badillah Idris, Saperi Sulong. Trend of Head Circumference as A Predictor of Microcephaly Among Term Infants Born at A Regional Center in Malaysia between 2011-2015. *Research and Reports in Neonatology* 2018; 8:9-17
16. Shafie H, Syed Zakaria SZ, Adli A, **Shareena I**, Rohana J. Polyethylene versus Cotton Caps as Adjunct to Body Wrap in Preterm Infants. *Pediatrics International* 2017; 59(7):776-780
17. **Ishak S**, Adzan, N.A.M., Quan, L.K., Shafie, M.H., Rani, N.A., Ramli, K.G. Knowledge and beliefs about breastfeeding are not determinants for successful breastfeeding. *Breastfeeding Medicine* 2014; 9(6): 308-312
18. Salmi Daraup, Shuhaila Ahmad, **Shareena Ishak**, Norzilawati Mohd Naim. Neonatal respiratory morbidity and timing of delivery at term: Influence of timing of elective caesarean section. *Journal of Surgical Academia*. 2013;3(1):51
19. Nor Azlin Mohamed Ismail, Norkhatijah Mohd Aris, Zaleha Abdullah Mahdy, Shuhaila Ahmad, Norzilawati Mohd Naim, Harlina Harlizah Siraj, Rohana Jaafar, **Shareena Ishak**, Roslan Harun, Abd Rahman Abd Jamil. Single nucleotide polymorphism for certain genes involved in gestational diabetes with risk factors and complications positive. *Sains Malaysiana*. 2013; 42(11):1613-1618
20. Rohana J, Lau DS, Hasniah AL, Faizah MZ, Boo NY, **Shareena I**. Pneumatocoele in a neonate with perinatal tuberculosis. *Arch Dis Child Fetal Neonatal Ed*. 2013; 98(2):F121-F121
21. Kanaga Kumari Chelliah, M.Z.Faizah, A.A. Dayang, A.A. Bilkis, **I. Shareena**, M.Mazli. Multimodality imaging in the assessment of thoraco- omphalopagus conjoined twin: lessons to learn. *Case Reports In Radiology*. 2012; Vol. 2012:Art ID 564036
22. Nem-Yun Boo, **Shareena Ishak**. Postnatal growth in very low birth weight infants: the Malaysian perspective. *Handbook Of Growth and Growth Monitoring in Health and Disease*. 2012
23. Rohana J, W Khairina WN, Boo NY, **Shareena I**. Randomized controlled trial on the effectiveness of polyethylene occlusive wrap in reducing hypothermia in preterm infants. *Pediatrics International*. 2011; 53(4):468-474
24. Nur Khatijah Mohd Aris, Nor Azlin Mohamad Ismail, Zaleha Abdul Mahdy, Shuhaila Ahmad, Norzilawati Mohd Naim, Harlinah Hj Siraj, Rohana Jaafar, **Shareena Ishak**, Roslan Harun, Rahman Jamal, Wan Zurinah. An Analysis of Targeted Single Nucleotide Polymorphisms for the Risk Predilection of Gestational Diabetes Mellitus in a Cohort of Malaysian Patients. *Asia-Pacific Journal of Molecular Medicine*. 2011;1(1):1-8

Proceedings:

1. Mahirah Mohamad, **Shareena Ishak**, Rohana Jaafar and Norrakiah Abdullah Sani. 2018. ATP bioluminescence: surface hygiene monitoring in milk preparation room of neonatal intensive care unit. *The 2017 UKM FST Postgraduate Colloquium. AIP Conference Proceedings* 1940. 020091: 1-5; doi: 10.1063/1.5028006.

2. Rohana J, Ong AL, Anuar AS, **Shareena I**. Randomised Controlled Trial Comparing Ferric Ammonium Citrate And Iron Polymaltose Complex Therapy Among Preterm Infants. *Journal of Paediatrics and Child Health* 2014, 50(supp 1): 15
3. A Mazita, Z Zabry, WH Wan Fazlina, **I Shareena**, A Asma. Prevalence of Hearing Loss in Children with Down Syndrome. *The Malaysian Journal of Medicine* 2010, 65(Supp A):94 3.
4. Cheah FC, Loh CK, Abd Samad A, **Ishak S**, Jaafar R. The Effects of Erythropoietin-Beta on Ferritin, Reticulocyte, Haemoglobin Levels And Blood Transfusion Requirements In VLBW Infants With Anaemia Of Prematurity. Meeting Abstract: 833. *Pediatric Research* 2010; 68(supp 1): 418-419

Professional organizations:

1. Malaysian Association of Maternal and Neonatal Health (MAMANEH)
2. Perinatal Society of Malaysia, as Ordinary Member
3. Malaysian Society of Medical Genetics, as Ordinary Member

Continuing Education & Community / Social Services:

1. Neonatal resuscitation Programme Provider Course, as Instructor since 2006
2. Lactation Course, as invited speaker since 2006; attended Breastfeeding Counselling Course 40 hours in July 2011
3. Seminar on Perinatal Neuroimaging, 2017, organizing committee
4. Updates on the Use of Non-Invasive Ventilations in Neonates, 2012, organizing committee
5. State of the Art in Newborn Resuscitation and Ventilation, 2010, organizing committee
6. Workshop on Respiratory Syncytial Virus Bronchiolitis: The Basic Science, Epidemiology and Current Treatment Guidelines, 2009, organizing committee
7. Neonatal Brain Injury Workshop: Hypothermia Treatment for Neonates with Hypoxic Ischaemic Encephalopathy (HIE) and the Clinical Application of aEEG Monitoring, 2009, organizing committee
8. 4th Safe Motherhood Congress - Safe Motherhood in the 21st Century: Back to Basics, 2008, organizing committee

As a reviewer of manuscripts for the following journals

1. Medical Journal of Malaysia
2. Journal of Human Lactation
3. PLOS ONE
4. Breastfeeding Medicine
5. Journal of Tropical Pediatrics
6. American Journal of Perinatology