

MAHARAJA AGRASEN MEDICAL COLLEGE AGROHA

DEPARTMENT OF PAEDIATRICS

Ref. no. /MAMC/26/Paeds/1933

Dated:-17-09-26

To,
The In-charge,
IT Department,
Maharaja Agrasen Medical College,
Agroha.

Subject: Submission of Updated Information for NBEMS Mandatory Disclosure – Academic, Admission and Research Information

Sir/Madam,

Kindly find enclosed herewith the updated information of the Department of Paediatrics with reference to Office Letter No. MAMC/IT/2026/10981-87, for necessary updation and further action regarding NBEMS Mandatory Disclosure.

You are requested to kindly update the information on the relevant portal/records accordingly.

Thanking you.


Head of Department
Department of Paediatrics
Dr. RAKESH KUMAR
Professor & HOD
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Important Achievements Department of Paediatrics

SR No.	Name	Title	Award	Year
1	Dr. Varnika aggarwal	Paper presentation in INSIGHT'2026	2nd position	2026
2	Dr. Murugapandi	Poster presentation in INSIGHT'2026	2nd position	2026
3.	Dr. Gautam	Paper presentation in INSIGHT'2026	3rd position	2026
4.	Dr. Anisha	Paper presentation in HARCON	1st Position	2025
5.	Dr. Varnika	Poster presentation in HARCON	2nd position	2025
6.	Dr chetna and Dr. Harshika	IAP UG quiz	2nd position	2025
7.	Dr Murugpandi and Dr Shahnazar	IAP PG quiz	1ST Position	2025
8.	Dr vidisha	Outstanding Research Work Award		2025
9.	Dr jyoti	Paper presentation in Haryana State CME	1st position	2025
10.	Dr. Amitanshu	Paper presentation in Haryana State CME	2nd position	2025
11.	Dr. Mehak	Paper presentation in Haryana State CME	3rd position	2025
12.	Dr. Anisha	Poster presentation in Haryana State CME	2nd position	2025
13.	Dr. Surendra	Best research award in 3rd University research conclave		2025


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14.	Dr. Ashiya Loomba	AIIMS Bhatinda's Undergraduate Conference for a research	2nd position	2024
15.	Dr Jyoti Garg and Dr Mehak Mehta	NNF PG Quiz	2nd Position	2024
16.	Dr Santsoh Lodhi	Paper presentation 35th Annual State CME	1st Prize	2024
17.	Dr Gaurav	Paper presentation 35th Annual State CME	3rd prize	2024
18.	Dr. Surendra	Best research award in 2nd University research conclave		2024
19.	Dr Ayush Varshney	Paper Presentation State Pediatric Conference	1st Prize	2024
20.	Dr Priyanka Bhateja & Dr Neetika Bansal	Pediatrics Quiz State Pediatric Conference	1st Prize	2024
21.	DR Santosh & Dr Jyoti Garg	Pediatrics Quiz State Pediatric Conference	3rd Prize	2024
22.	Dr Surendra Godara	State Pediatric Conference	Award for organising Neonatal workshops	2024
23.	Dr Karnika Agrawal	State Pediatric Conference	Faculty for Paper Presentation	2024
24.	Dr Ayush Varshney	State Pediatric Conference	Award For Presenting Case in online PG Clinic	2024


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25.	Dr Ayush Varshney and Dr Narsimha	State level PG Quiz in Neonatology	1st Prize	2023
26.	Dr. Brajendra S. Rajpoot	Best clinical research work at national level at kerala	1st Prize	2023
27.	Dr. Brajendra S. Rajpoot	Study was quoted in NRP 2025 guidelines		
28.	Dr Santosh Kumar Lodhi and Dr Pooja	IAP PG Quiz	1st position	2023
29.	Dr. Neetika Bansal	Paper presentation HARCON 2022	1st Position	2022
30.	Dr Amit	Paper presentation HARCON 2022	2nd position	2022
31.	Ms Ashiya Loomba	Paper presentation HARCON 2022	3rd Position	2022
32.	Dr Santosh Lodhi	Poster presentation HARCON 2022	3rd Position	2022
33.	Dr Ayush Varshney and Dr Neetika Bansal	IAP PG Quiz	2nd position	2022
34.	Dr Ayush Varshney and Dr Neetika Bansal	NNF PG Quiz	3rd Position	2022


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Recent Activities

Sno.	Activity	Year
1.	Advanced NRP workshop	July,2026
2.	Basic NRP workshop	March,2026
3.	Advanced NRP Workshop	March,2025
4.	Basic NRP workshop	March,2025
5.	Anaemia awareness camp	Feb,2025
6.	Breastfeeding week celebration	Aug,2024
7.	Autism Awareness Day	April,2024
8.	Nurturing-care and Early Childhood Development Workshop	March 2024
9.	VPD surveillance Workshop	Dec. 2023
6.	Breastfeeding week celebration	Aug,2023
7.	IAP National CPR Day celebration	July,2023
8.	Basic Neonatal Resuscitation Workshop	June,2023
9.	International Thalassemia day camp	May,2023
10.	Neonatal Rescitation workshop	Nov. 2022
11.	World Breastfeeding Week	Aug,2022
12.	IAP National CPR Week	July,2022
13.	Basic Neonatal Resuscitation Workshop	May,2022
14.	World Immunization Day celebration	April,2022


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15.	Research Methodology and Scientific Research Paper Writing	April,2022
16.	NTEP workshop	April 2022
17.	Neonatal Resuscitation Workshop	October 2021
18.	World Breastfeeding Week	August, 2020


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Ongoing Research Projects in the Department of Pediatrics

S No	Title	Guide/ Supervisor	PG/Primary Investigator
1.	Application of buccal mucosal colostrum in first 48 hours of life to neonates admitted to neonatal intensive care unit to prevent late onset neonatal sepsis in a tertiary care hospital: A randomised controlled trial.	Dr Rakesh Kumar / Dr Karnika Agrawal	Dr Varnika
2.	Effect of Structured Quality Improvement Interventions on Early Initiation of Breastfeeding at a Tertiary Care Hospital: A Quasi-experimental Study.	Dr Suman / Dr Surendra	Dr Deepanshu Sharma
3.	Association of maternal and infant serum vitamin B12 status with clinical severity and treatment outcomes in children aged 6 months to 2 years with infantile tremor syndrome at a tertiary care institute of Haryana: A prospective cohort study.	Dr Surendra Kumar	Dr Nikita
4.	Anticipatory maternal counseling regarding complimentary feeding at 5-6 months of infant age and its effectiveness on complementary feeding practices at 8-9 months of infant age compared with an age-matched control group at a tertiary care hospital: A non-randomized controlled trial.	Dr Rakesh Kumar / Dr Karnika Agrawal	Dr Diksha
5.	Impact of Quality Improvement Using Plan-Do-Study-Act Cycles on Hand Washing Technique Adequacy in a Neonatal Intensive Care Unit at a Tertiary Care Teaching Hospital: A Quasi-experimental study.	Dr Suman / Dr Surendra Kumar	Dr Nivedita
6.	Effectiveness of Mobile Directly Observed Therapy versus Usual Care in Improving Inhaler Technique and Asthma Control in Children aged 5-15 years with Newly Diagnosed Asthma- A Randomized Controlled Trial	Dr Karnika	Dr Baishakhi
7.	Bacterial contamination of Spacer Devices used by Asthmatic Children: Across-sectional analytical study.	Dr Surendra Kumar	Mr Anuj MBBS Student
8.	Knowledge, attitude and practices regarding complementary feeding among mothers of children aged 6-23 months attending Pediatrics department of a tertiary care centre: A cross-sectional study	Dr Karnika Agrawal	Mr Madhav MBBS Student


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List of Publication of Deptt. of Paediatrics in from year 2021 onwards .

1. Lodhi SK, Rana S, Kumar S, Kumari P, Rao N, Raghava K, Singh B, Agrawal K, Kumar R. Comparing Kangaroo Mother Care and Expressed Breast Milk as Non-pharmacological Strategies for Reducing Procedural Pain in Neonates: A Randomized Controlled Trial. *Cureus*. 2025 Jun 20;17(6):e86423. doi: 10.7759/cureus.86423. PMID: 40688892; PMCID: PMC12276714.
2. Garg N, Vivek V, Suman S, Kumar R. A study of various socioeconomic factors related to prematurity in early vs late preterms. *Global Journal for Research Analysis*. 2024.
3. Garg N, Singh J, Bansal BS. A study of various socioeconomic factors related to prematurity in newborn. *Paripex-Indian Journal of Research*. 2024 Aug;13(8).
4. Bano J, Gupta I, Singh G, Rahman SM, Rao RN, Yadav E, Singh B, Agrawal K, Kumar S. Combatting Antibiotic Resistance: Identifying Gaps in Knowledge, Attitude, and Practice Among Medical Interns. *Cureus*. 2024 Jul 12;16(7):e64402
5. Chaudhary A, Singh G, Hooda A, Garg J, Saharan D, Kumar S, Agrawal K, Pandit NA. Impact of an Educational Measure on the Quality of Medical Certificate of Cause of Death at a Tertiary Care Teaching Hospital: A Pre-post Interventional Study. *Cureus*. 2024 Feb 22;16(2):e54721. doi: 10.7759/cureus.54721. PMID: 38524046; PMCID: PMC10961142.
6. Chaudhary A, Singh G, Hooda A, Garg J, Saharan D, Kumar S, Agrawal K, et al. Impact of an educational measure on the quality of medical certificate of cause of death at a tertiary care teaching hospital: a pre-post interventional study. *Cureus*. 2024;16(2).
7. Amit, Kumar R, Agarwal K, Singh B, Kumar S, Garg N.(2023).Impact of Family Participatory Care on Neonates- A Non-Randomised Interventional Study, 11(1), PO05-
PO07. <https://www.doi.org/10.7860/JCDR/2023/60322/2368>.
2. Kumar, Surendra; Agrawal, Karnika; Kumar, Sunil;Chaturvedi,Anupam.Risk Stratification of Term Neonates for Development of Significant Hyperbilirubinemia by Cord Serum Bilirubin and Albumin Ratio. *Medical Journal of Dr. D.Y. Patil Vidyapeeth* ():June 02 2023. | DOI:10.4103/mjdrdypu.mjdrdypu_1075_22
3. Paediatrics Faculty Published No 3 Kumar S, Agrawal K, Bansal N, Rana S,Kumar R, Rawal M. Need for Neonatal Resuscitation: Does Maternal COVID-19 Affect It? *Journal of Neonatology*. 2023;0(0) doi:10.1177/09732179231178114.
4. Singh B, Kumar R, Patra S, Bansal N, Singh G, Raghava K, Lodhi SK, Panchal A, Kumar S, Verma R. Comparison of Three Methods of Umbilical Cord Management in Late Preterm and Term Newborns on Hemoglobin and Ferritin Levels at Six Weeks of Age: A Randomized Controlled Trial. *Cureus*. 2024 Apr 26;16(4):e59046. doi: 10.7759/cureus.59046. PMID: 38800297; PMCID: PMC11128072.
5. Kumar S, Agrawal K, Kumar S, Chaturvedi A. Risk Stratification of Term Neonates for Development of Significant Hyperbilirubinemia by Cord Serum Bilirubin and Albumin Ratio. *Medical Journal of Dr. D.Y. Patil Vidyapeeth* 17(3):p 600-604, May-Jun 2024. | DOI: 10.4103/mjdrdypu.mjdrdypu_1075_22

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6. Kumar RM, Agrawal K, Bansal N, Rana S, Kumar R. Need for neonatal resuscitation: does maternal COVID-19 affect it? J Neonatol. 2023;0.
7. Varshney A, Rao N, Kumar S, Mittal D, Agrawal K. Rapunzel syndrome: the not-so-fairy tale of a long tail. Natl Board Exam J Med Sci. 2023;1(5):383-386.
8. Varshney A, Rao N, Kumar S, Mittal D, Agrawal K. 2023. Rapunzel Syndrome: The not-so-fairy tale of a long tail. National Board Exam J Med Sci. 1(5):383-86. doi: 10.61770/NBEJMS.2023.v01.i06.008
9. Amit, Kumar R, Agarwal K, Singh B, Kumar S, Garg N.(2023).Impact of Family Participatory Care on Neonates- A Non-Randomised Interventional Study, 11(1), PO05-PO07.
10. Kumar S, Agrawal K, Bansal N, Rana S, Kumar R, Rawal M. Need for Neonatal Resuscitation: Does Maternal COVID-19 Affect It? Journal of Neonatology. 2023;0(0). doi:10.1177/09732179231178114


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Completed Research Projects in the Department of Pediatrics since 2021

S No	Title	Guide/ Supervisor	PG/Primary Investigator
1.	Impact of quality improvement using Plan-Do-Study-Act cycles on proportion of newborns delivered on mother's abdomen and receiving delayed cord clamping at tertiary care teaching hospital.	Dr Rakesh Kumar / Dr Surendra Kumar	Dr Aditya PG Batch 2022
2.	Assessment of knowledge, attitudes and practice regarding infant's oral health among parents attending out patient department at a rural medical college: An analytical cross-sectional study.	Dr Karnika Agrawal	Ms Chetna (Intern Student)
3.	Outcomes in pediatric patients of Infantile Tremor Syndrome: A retrospective cohort study at a tertiary healthcare centre.	Dr Surendra Kumar	Mr Abhinav (Intern Student)
4.	Parental knowledge attitude and practices regarding childhood asthma: A descriptive cross sectional study.	Dr Karnika Agrawal	Ms Aarzoo (Intern Student)
5.	Correlation of vitamin B12, D levels, haemoglobin levels and red blood cell indices of mothers with their babies having Infantile Tremor Syndrome: A cross sectional study.	Dr Rakesh Kumar	Ms Bhavya (Intern Student)
6.	Correlation of transcutaneous bilirubin at various sites in neonatal hyperbilirubinemia with total serum bilirubin: A cross sectional study.	Dr Suman	Ms Aashmin (Intern Student)
7.	Effect of antenatal breastfeeding counselling done in 3rd trimester in primigravida mothers on breastfeeding outcomes during one month after delivery at tertiary care teaching hospital: A non-randomised controlled trial.	Dr Suman/ Dr Surendra Kumar	Dr Anisha PG Batch 2023
8.	Comparison of subcutaneous adrenaline versus intravenous magnesium sulphate in the treatment of acute severe asthma in children aged 6-14 years at a tertiary care centre.	Dr Rakesh Kumar / Dr Karnika Agrawal	Dr Gautam PG Batch 2023
9.	Crochet Octopus Therapy as a Non-pharmacological Pain Reducing Measure During Intra Venous Cannulation in Moderate and Late Preterm Neonates: A Randomised Controlled Trial	Dr Surendra Kumar	Dr M.Pandi PG Batch 2024


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10.	Impact of Family-Centered Care on the Incidence of Neonatal Sepsis and Duration of Hospital Stay at a Tertiary Care Neonatal Intensive Care Unit: A Quasi-experimental Study	Dr Rakesh Kumar / Dr Karnika Agrawal	Dr. Shan PG Batch 2024
11	Effectiveness of the Reverse-Kangaroo Mother Care position as a non-pharmacological method for reducing pain during retinopathy of prematurity screening in pre-term newborns in comparison to conventional position: A randomised controlled trial.”	Dr Surendra Kumar	Mr Dhruv Gupta Intern Student
12	Comparison of parent filled mother and child Protection card with ages and stages Questionnaire - 3 as a developmental screening tool for children aged 2 to 36 months: A cross-sectional study	Dr Karnika Agrawal	Dr. Amitanshu Swain Batch 2023
13	Knowledge, attitude and practices towards needle stick injuries among health care workers in a tertiary health care center	Dr Surendra Kumar	Mr Gaurav Singh MBBS Student
14	Knowledge, attitude and practices for prevention of anemia among parents of under-5 children having iron deficiency anemia attending a rural tertiary healthcare center: A cross-sectional study.	Dr Surendra Kumar	Mr Ashiya Loomba MBBS Student
15	Simulation based vs video based training of primiparous mothers for effective breastfeeding: A randomised controlled.	Dr Rakesh Kumar / Dr Karnika Agrawal	Dr Jyoti Garg Batch 2022
16	Association between screen time and autistic features in toddlers: A cross section analytic study.	Dr Suman / Dr Surendra Kumar	Dr Mehak Mehta Batch 2022
17	Effect of Kangaroo Mother care vs Expressed Breast Milk administration on pain associated with removal of adhesive tape in low-birth weight Neonate: A Randomized Controlled Trial.	Dr Suman / Dr Surendra Kumar	Dr Santosh Kumar Lodhi Batch 2021
18	Comparison of the efficacy of Intra muscular and Oral Treatment for Nutritional Vitamin B12 deficiency in children: A Randomized Controlled Trial.	Dr Rakesh Kumar / Dr Karnika Agrawal	Dr. Rachakonda Narasimha Rao Batch 2021


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19	Acute Kidney Injury in term neonates with Birth Asphyxia during early neonatal period & its correlation with severity of Hypoxic Ischemic Encephalopathy in a tertiary care centre: A Prospective Cohort Study	Dr Rakesh Kumar / Dr Surendra Kumar	Dr.Ayush Varshney Batch 2021
20	Crochet Octopus Therapy as a Non-Pharmacological pain reducing measure during heel prick in mid and late Preterm Neonates: A Randomized Controlled Trial	Dr Suman / Dr Surendra Kumar	Dr Vidisha Vig Batch 2021
21	Impact of an Educational Measure on the Quality of Medical Certificate of Cause of Death at a Tertiary Care Teaching Hospital: A Pre-post Interventional Study	Dr Surendra	Ashish Chaudhary MBBS Student
22	Knowledge attitude and practice among interns students regarding antibiotic resistance	Dr Surendra	Mrs Jiana Bano MBBS Student
23	Antibiogram of NICU at medical college	Dr Surendra	Dr.Ayush Varshney Batch 2021
24	Awareness among parents about preventive majors and its relationship with oral health status	Dr Rakesh Kumar	Mr Abdur Rehman MBBS Student


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