

**Surat Municipal Institute of Medical Education and Research
(SMIMER), Surat**

Department of Pediatrics

Research publication during the year 2023

(i)	Correlation of socio economic factors in pregnant mothers with newborn anthropometry birth weight, length, head circumference and chest circumference. DrDixita, Dr G Joshi. IJMCCR April2023;6 (2):486 - 492.
(ii)	Screening for behavioral abnormality using Strength & Difficulty Questionnaire (SDQ) in children with Epilepsy. DrToral Gandhi, DrVandana Desai, Dr Amita Surana. Natl J Community Med 2023; 14 (5):329 - 334.
(iii)	Incidence of neonatal seizure and its clinico-etiological profile in a tertiary care hospital in western India. DrSachin Patel,DrNirali Mehta NJMR March2023; 13(1)
(iv)	Study to evaluate the utility of urinary uric acid to creatinine ratio (UA/Cr ratio) as non-invasive, easy, cheap and at the same time early biochemical means of asphyxia diagnosis. Dr Rajnikant Patel, Dr Kalpesh Dhangar. European journal of Cardiovascular Medicine. March2003; 13(3):2194-2197

❖ Ongoing Research Project

Sr No	Principal Investigator	Topic	Guide	Co-Guide / Co-investigator
1	Dr Amita Surana	Rotasiil vaccine impact assessment study in Kerala, Maharashtra, Karnataka, Gujarat, India. (November 2022 - December 2023)	--	Dr Poonam Singh Dr Ankur C Dr Twinkle P Dr Dorothy S
2	Dr.Bhavya Shroff	Comparison of High dose vs low dose caffeine in apnea of prematurity	Dr.Poonam Singh	Dr.Amita Surana Dr.Ankur Chaudhari
3	Dr.Nikhila Chakkera	Comparison of perinatal factors and neonatal outcomes with severity of neonatal thrombocytopenia	Dr.Poonam Singh	Dr.Amita Surana
4	Dr.Dipesh Patel	Correlation between weight loss and serum bilirubin level at 72 to 84 hours of life	Dr.Gurudutt Joshi	Dr.Devang Gandhi
5	Dr.Shradhdha Merja	Evaluation of the serum B/A ratio in bilirubin induced neurological dysfunction among neonates with Hyperbilirubinemia admitted to NICU of tertiary care hospital ; A cross sectional study	Dr.Ajay Sethi	Dr.Rajnikant Patel
6	Dr.Bhavya Adroja	Rebound hyperbilirubinemia in neonates post phototherapy incidence and risk	Dr.Amita Surana	Dr.Poonam Singh
7	Dr.Arpi Patel	Clinical profile and outcome of infant of diabetic mother in tertiary care newborn care unit	Dr.Rajnikant Patel	Dr.Ajay Sethi
8	Dr.Ronak Trikmaji	Role of serum prolactin level in children with convulsion	Dr.Devang Gandhi	Dr.Gurudutt Joshi
9	Dr.Goral Godhani	Clinical profile and outcome in Neonate with polycythemia	Dr.Vibhuti Vaghela	Dr.Nirali Mehta
10	Dr.Deep Modh	Study of clinico-hematological profile of neonates born to mother having pregnancy induced Hypertension (PIH)	Dr.Nirali Mehta	Dr.Devang Gandhi
11	Dr.Priya Bhalani	Growth Assessment and endocrinopathies in Thalassaemia major patients of 5-18 year age group.	Dr.Poonam Singh	Dr.Devang Gandhi Dr.Ankur Chaudhari
12	Dr.Panth Shah	Evaluation and assessment of blood products transfused in tertiary care NICU.	Dr.Gurudutt Joshi	Dr.Vibhuti Vaghela
13	Dr.Shruti Dhar	comparison of KAP of mothers regarding vaccination of children below 5 year in	Dr.Gurudutt Joshi	Dr.Vibhuti Vaghela

		urban and rural set-up		
14	Dr.Vishwa Prajapati	Serum ferritin as a diagnostic and prognostic marker of neonatal sepsis	Dr.Ajay Sethi	Dr.Nirali Mehta
15	Dr.Suraj Patel	Clinical profile of enteric fever in different paediatric age group and response to first line antimicrobial therapy as ceftriaxone	Dr.Amita Surana	Dr.Rajnikant Patel
16	Dr.Parth shah	Study of duration of weaning process in NICU of tertiary care hospital	Dr.Rajnikant Patel	Dr.Vibhuti Vaghela
17	Dr.Usha Vasava	Predictors of Neonatal septicemia in tertiary care hospital	Dr.Devang Gandhi	Dr.Nirali Mehta Dr.Ankur Chaudhari
18	Dr.Maitry Shyara	Laboratory proven meningitis in newborn presented with late onset sepsis.	Dr.Vibhuti Vaghela	Dr.Ajay Sethi
19	Dr.Umang Patel	Clinical hematological profile of thalassemia major patients in tertiary care centre of south Gujarat region.	Dr.Nirali Mehta	Dr.Rajnikant Patel