

96th Annual Report (2018)

University of Delhi

1. Name of the Institution:

Chacha Nehru Bal Chikitsalya, Geeta Colony, New Delhi.

2. Major Achievements and Activities:

CNBC is a 221 bedded Pediatric Super Speciality Autonomous Institute under Government of Delhi. Its Mission is to Provide Preventive & Curative Services to Children up to the age of 12 Years. CNBC was the first public hospital in India to get NABH Accreditation in Feb 2009 and completed its 4th cycle of re-accreditation in October 2018.

Presently CNBC is running Post Graduate DNB Courses in Pediatrics and Pediatric Surgery and also two years NBE Fellowship in Pediatric Nephrology. CNBC is also running one year fellowships in Pediatric Anesthesia, Pediatric Orthopedics and Pediatric Infectious Diseases.

Nearly 50 Research Papers have got published in various National and International journals in Year 2018 and Nine Extramural Research Projects are currently running in the Institute.

An Institutional Ethics Committee has been constituted as per National ICMR Guidelines and Registered in 2018, under Central Drugs Control Standard Organization, Ministry of Health & Family Welfare and Government of India with the No.ECR/1059/Inst/DL/2018.

3. Honours And Distinctions:

Dr. B.L Sherwal, Director CNBC, has been honored as President of Indian Association of Medical Microbiology in 2019.

Dr. Natasha Gupta, Specialist Radiology, received 'Presidential Appreciation Award' from IRIA, Delhi State Chapter in February, 2019 for efficiently organizing activities under 'Raksha Programme'.

Dr. Mamta Jajoo, Professor Pediatrics received "Vishisth Chikitsa Award" on Doctors day by Honorable Union Health minister Shri J.P. Nadda under aegis of DMA.

PG student of Pediatrics under the guidance of Dr. Kirtisudha Mishra Assoc. Prof. Pediatrics, received the 'Best PG Thesis Award' at the national level IJP awards 2018 for paper presentation, Entitled "Prediction of Severe Acute Kidney Injury Using Renal Angina Index in Children Admitted in Pediatric Intensive Care" Unit.



Dr. Meenakshi Wadhwa, Assist. Prof. Ophthalmology won the Second Prize in BMJ awards in December 2018 for PhD Thesis on "Epidemiological Study of Childhood Visual Impairment in Delhi".

Dr. Anil Agarwal, Specialist Orthopedics got the "Best Publication Award" for the year 2018 by Delhi Orthopedic Association

Dr. Lavleen Singh, Asst. Prof. Pathology, was awarded the first prize in Poster Presentation in Annual Conference of Delhi Chapter of IAPM (DAPCON- 2019), New Delhi Entitled "Benign Vascular Anomalies: A Transition from Morphological to Etiological Classification"

Dr. Geeta Kamal and Dr. Aikta Gupta, Specialist Anesthesia, were awarded "The Honorary Pediatric Anesthesia Fellowship" by Indian Association of Pediatrics Anesthesia (IAPA)

4. **Students With Distinctions: NIL**

5. **Publications (Maximum 10):**

Total Number of Publications -50

Agarwal A, Agrawal N, Barik S, Gupta N.(2018) Extended Ponseti Method for failed Tenotomy In Idiopathic Clubfeet: A Pilot Study. J Pediatr Orthop B. 2018; 27:425-7.

Jajoo M, Manchanda V, Chaurasia S, Sankar MJ, Gautam H, Agarwal R, et al. (2018) Investigators of the Delhi Neonatal Infection Study (Denis) Collaboration, New Delhi, India. Alarming Rates of Antimicrobial Resistance and Fungal Sepsis in Out born Neonates in North India. Plos One. 28; 13(6)

Mittal M, Yadav V, Khadgawat R, Kumar M, Sherwani P.(2018) Efficacy And Safety of 90,000 IU versus 300,000 IU Single Dose Oral Vitamin D in Nutritional Rickets: A Randomized Controlled Trial. Indian J Endocrinol Metab. Dec; 22(6):760-765.

Mishra K, Kanwal SK, Sajjan SV, Bhaskar V, Rath B.(2018) Predictors of Poor Outcome in Children with Steroid Sensitive Nephrotic Syndrome. Nefrologia. 38(4):420-424

Kumar M, Dabas A, Manchanda V, Mahajan N, Mitra K. (2019) Hyponatremic-Hypertensive Syndrome In Ovarian Paraganglioma. Indian Pediatr. 15; 56(1):69-71.

Sengar M, Mohta A, Neogi S, Gupta A, Viswanathan V. (2018) Spigelian hernia in children: low versus classical. J Pediatr Surg. 53 (11):2346-2348

Singh L, Sengar M, Goyal S, Mansi M, Khurana N, Mohta A(2018). Childhood Phimosis Secondary to Lichen Sclerosus: Is There A Spatial Pattern of Histopathological Changes? Am J Dermatopathol. 40(11):824-828.

Gupta A, Kamal G, Sehgal N, Bhatla S, Kumar R.(2018) Comparative Evaluation Of CMAC And Truview Picture Capture Device for Endotracheal Intubation in Neonates and Infants undergoing Elective Surgeries: A Prospective Randomized Control Trial- *Pediatr Anesthesia*.28:1148-1153

Sharma S, Dabla P.K, Kumar M (2018). Status of Metabolic Bone Disease in Pediatric Steroid Resistant Nephrotic Syndrome: Study From North India: *Annals Of Clinical And Laboratory Research*, 6(2): 1-5.

Malhotra S, Tandon S. (2018) Cognitive Behavior Therapy for Psychogenic Cough In Children: A Case Series. *Indian J Mental Health* 5(2), 223-28.

Nidhi Mahajan, Mitali, Agarwal, Chabbi Ranu Gupta (2018).Congenital Aggressive Angiomyxoma of the Vulva: A Rarity. *World J Med Surg Case Rep*. 7:1-5

Khatri A, Singh L, Agarwal A. (2019) unusually large nodular masses over elbows and knee in a 6-year-old boy. *Arch Dis Child*.

6. Journals

Published By College:

News letter published by Department of Microbiology on antimicrobial organisms growth and their susceptibility pattern.

"Antibiotic Policy 2018" a detailed guide on the use of antibiotics has been published

Number of College Teachers Serving as Editors/Members of Editorial Boards:

Dr.Kirti Sudha Mishra: Member Executive Board: *Indian Pediatrics*.

Dr. Anil Agarwal: Guest Editor of The Journal Symposium: *Indian Journal Of Orthopedics*.

Dr. Shazadi Mehrotra: Member of Editorial Committee, *Delhi Psychiatry Journal*.

7. Research Projects:

ICMR Funded Project Entitled "Comparison of the Efficacy of A 7-Day Versus A 14-Day Course of Intravenous Antibiotics in the treatment of Uncomplicated Neonatal Bacterial Sepsis: A Randomized Controlled Non-Inferiority Trial" Three Year Project from 2018 to 2021 under PI Dr. Mamta Jajoo, funding 17.5 Lakhs per Year.

DBT Funded Multicenter Project Entitled "Pediatric Renal Biology Program: Research on Nephrotic Syndrome" Four year project 2017 To 2021 under PI Dr. Manish Kumar, funding 13.08 Lakhs for four Year.

DBT Funded project Entitled "Endothelial Dysfunction in Children with Chronic Kidney Disease: Assessed by Biomarkers of Nitric Oxide Pathway and Flow Mediated Dilatation"

Duration 3 Years from 2018 to 2021 under PI Dr. Kirti Sudha Mishra, total funding 85 Lakhs for 3 Years

Department of Science and Technology (DST) funded project Entitled "Podocytouria in Children with Nephrotic Syndrome: Can Urine Podocyte Level and its Growth Characteristics Predict Steroid Resistance" duration three years under PI-Dr. Lavleen Singh, funding 28.5 lakhs for 3 years.

Bill and Melinda Gates Foundation funded project Entitled "National Surveillance System for Enteric Fever in India" duration three years, PI-Dr. Karnika Sehgal total funding 23 lakhs each year.

8. Patents Filed/Granted: NIL

9. Seminars Organized:

CME On 'Clinical Class-Lower Limb Examination' held At CNBC at Delhi in December 2018- Speaker -Dr. Nirmal Gopinathan, Additional Professor, Dept. of Orthopedics, PGI Chandigarh.

10. Conferences Organized:

Quality Improvement Workshop for Maternal and Neonatal Health along with National Health Mission and Govt. of India in Collaboration with NQOCN in March 2019.

CME "PEDS-SEPSIS 2018" one day CME on Neonatal Infections.

Research Methodology Workshop for Faculty and PG Students at CNBC in association with National Board of Examination in Jan 2018

Neonatal Resuscitation Programme (As Per AHA 2015 Guidelines) along with Indian Academy of Pediatrics in Jan 2018

CME "Reflux Nephropathy- Removing the Misconceptions" during World Kidney Day.

11. Seminar / Conferences/Presentation (Maximum 10)

Dr. Anil Agarwal: Faculty and Facilitator, 9th Advance Training On Ponseti Method of Clubfoot, Noida, 18th November 2018.

Dr. Geeta Kamal: Delivered A Guest Lecture On Cardiac Arrest In Perioperative Period in Neonates: Causes, Preventions & Solutions at 66th Annual Conference of Indian Society of Anesthesiology, 25-29th November 2018 at Agra.

Dr. Aikta Gupta: Faculty for Indian Association of Pediatric Anesthesia held at AIIMS New



Delhi from 10-12 Feb 2019.

Dr. Mamta Jajoo: Delivered a talk on "Bundles for Prevention of Ventilator Associated Pneumonia in Neonates" at National Conference of Neonatology held at Varanasi from 6-8 Dec.2018

Dr. Manish Kumar: Delivered a talk on "Hemodialysis in Children: A Ten Year Experience from A Tertiary Care Children Hospital in Delhi" Presented at ISPNCON 2018 at Hyderabad.

Dr.Kirti Sudha: Participated as faculty in 10th Annual Training Course in Pediatric Nephrology at All India Institute of Medical Sciences, Delhi, April, 2018

Dr. Medha Mittal: Faculty for AIIMS Pediatric Endocrinology CME Held at All India Institute of Medical Sciences on 1 July 2018.

Dr. Natasha Gupta: Presented Poster in Congress of European College of Radiology (ECR) held at Vienna, Austria- 'Congenital Anomalies of the GIT: An Imaging Overview'

Dr. Shikha Sharma: Presented Paper on Metabolic Bone Disease in Pediatric Steroid Resistant Nephrotic Syndrome at 45th National Conference Association of Clinical Biochemists of India. ACBICON 2018, Kala Academy, Goa.

Dr. Meenakshi: Presented Paper on Health Seeking Behaviour (HSB) among Parents of Visually Impaired Children in Delhi DOS 2019.

Dr. Nidhi Mahajan: Presented Paper on "Is BCG Lymphadenitis On The Rising Trends? : A Review with Current Scenario" at 48th Annual Conference of Indian Academy of Cytologist (CYTOCON 2018)

12. National /International MOUs Signed:

MOU signed with ICMR for conducting research project on Neonatal Sepsis.

MOU signed with DBT for conducting research projects.

MOU signed with Norwegian Research Collaboration for conducting research project in Neonatal Sepsis.

13. Other Inter Institutional Collaborations:

With Maulana Azad Medical College for giving training to DNB Pediatrics students in Intramural NICU of LNJP hospital.

With MAMC for Basic Science Classes of DNB PG Students.

Collaboration with G B Pant Hospital for posting of fellow of Anesthesia Department in Cardiac/Neuro Anesthesia

14. Students under Exchange Programme:

Many students join for internship and observer ship in various departments like clinical psychology, Social Pediatrics.

15. Placement details: NIL

16. Extension and Outreach activities:

CNBC has organized many public awareness talks in 2018 such as cancer awareness, Infection Prevention, hand hygiene, kidney diseases prevention, breast feeding and lactation, thalassaemia, prevention of diarrhea and prevention of vector born diseases for patients and school children

CNBC has been officially designated a center for UDID (disability) certification by Government of India.

Preventive information about various common diseases have been published in the form of a calendar and distributed widely.

17. Library Development:

In year 2018 CNBC has purchased more than 40 National and International Journals both online and hard copy in various subjects of Pediatric super and subspecialty.

18. Faculty Strength: Total Faculty 35 in number.

19. Financial Allocation And Utilization:

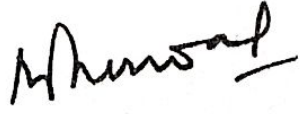
Grant Sanctioned In Rs. -84Crore
Utilized In Rs.-76.77Crore

20. Other Significant Information:

CNBC has got possession of 9480 square meter of land from DDA (across the road) for the construction of new super specialty block with OPDs, super specialty OTs and wards and expansion of present services.

21. Name and contact details of Coordinator for Annual Report 2018-19

Dr. Mamta Jajoo
Professor Pediatrics
Academic Coordinator
Contact No.-9643308217, 0112121021


Principal's Signature
Dr. B.L. Sherwal
Director CNBC