



अखिल भारतीय आयुर्विज्ञान संस्थान, नागपुर
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR

Monthly Newsletter – July 2025

Roundup of AIIMS, Nagpur for the month of July 2025.

I. Hospital Services :--

- Total patients attended in OPD : 53,651
- IPD Admissions : 2,850
- Major surgeries performed : 1,001
- Patients attended in Trauma & Emergency : OPD - 1,856 ; IPD - 358
- Transplants : Kidney – Live related transplant: 1 & BSD : 2 – Total - 3

II. Workshops, Training & Events :

- The **Department of Ophthalmology** in collaboration of **Department of Anatomy**, AIIMS, Nagpur, Maharashtra Ophthalmological Society (MOS), Vidarbha Ophthalmic Society (VOS) and Oculoplastic Society of India (OSN) organized a hands-on Cadaveric Dacryocystorhinostomy (DCR) Workshop on **6th July 2025**.



- **ICU Teams, AIIMS Nagpur** in collaboration with the Indian Society for Critical Care Medicine (ISCCM) organized First Critical Care Symposium on **6th July 2025** at AIIMS Nagpur.
- AIIMS Nagpur organized the 1st 3 day workshop for the Master Trainers as a part of Rashtriya Karmayogi Large Scale Jan Seva Programme from **8th to 10th July 2025** at AIIMS Nagpur. Lead Trainers viz Dr Anant Khot, Additional Professor, Department of Pharmacology and Dr Suparna Khera, CMO (SAG), NIPHTR, Mumbai imparted training to 24 staff.
- The **Department of Transfusion medicine & Blood Centre** successfully organized a 1 day workshop on **9th July 2025** on “Basics of Immunohematology” and inauguration of a fully automated immunohematology testing platform.



- In compliance of the instructions of **Ministry of Health and Family Welfare (Disaster Management Cell)**, AIIMS Nagpur organized a workshop for the demonstration of the Bharat Health Initiative for Sahyog, Hoita and Maitri (BHISHM) Aarogya Maitri Cube on **11th July 2025** at Lecture Hall 5, AIIMS Nagpur.
- The **Department of Burns and Plastic Surgery** organized a CME program on operative video workshop on Aesthetic Surgery of the Face on **13th July 2025**.



- AIIMS Nagpur hosted its 2nd 3 day workshop for Master Trainers (Karmayogi Coaches) from **21st to 23rd July 2025** at AIIMS Nagpur successfully creating 26 Master Trainers under the Rashtriya Karmayogi Large Scale Jan Sewa Programme.
- The **Department of Pediatrics** in collaboration with UNICEF, Maharashtra conducted a workshop on **23-24th July 2025** to develop India's first SOPs for 07 childhood NCDs - Type 1 diabetes, childhood obesity, asthma, congenital heart disease, sickle cell disease, mental health and neurodevelopmental disorders.



- The **Department of Community Medicine** conducted a workshop on Study Designs and Statistical Analysis from 21st to 25th July 2025.



- The **Department of ENT** organized a workshop Cadaveric Head and Neck Dissection on the occasion of Work Head and Neck Cancer Day on 27th July, 2025.
- The **Department of Ophthalmology** organized A masterclass in Clinical Research and Paper Writing for PGs and Practitioners: From Idea to Impact on 27th July 2025.



III. New facilities :

- The **Kidney Transplant Unit** was formally inaugurated at AIIMS, Nagpur on **10th July 2025** marking a major step forward in strengthening organ transplantation services in Central India. This state of the art facility reflects the Institute's commitment to improved service delivery to the citizens.



- The **Department of Pediatrics** organized a TELE-ESSI mobile application launch event developed under ICMR funded project “Epilepsy Smart School in India” on **29th July 2025**

IV. Miscellaneous activities:

- **Doctors Day** was celebrated on **1st July 2025** at AIIMS Nagpur.
- **AIIMS Nagpur signed a MoU on 3/7/2025 with Pahle India** to assess lead exposure in children across India.



V. Write ups in local dailies:

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Bhisim Cube: AIIMS Nggur docs get hands-on training from expert

Chaitanya Deshpande
@timesofindia.com

Nagpur: AIIMS Nagpur on Friday demonstrated the Bhisim Cube System—a revolutionary mobile medical unit designed for rapid deployment during disaster—as a workshop sponsored by health officials, emergency responders, and students.

The Bhisim Cube System consists of sturdy frames holding 27 aluminium medical cubes, each packed with essential medical supplies, including medicines, diagnostic instruments, IV fluids, and water-resistant tents. These cubes can be quickly deployed via helicopters, aircraft, or even parachute drops into affected areas.

"Bhisim represents India's commitment to saving lives swiftly and efficiently during crises," said Dr Pras

tor and CEO of AIIMS Nagpur, after formally inaugurating the demonstration.

The system is supported by a tablet loaded with specialised software capable of managing up to 100 languages, along with RFID-enabled inventory tracking. The Bhisim Cube is robust enough to perform 10-15 basic surgeries a day and provide emergency care for around 200 patients, making it a vital

incidents.

Air Vice Marshal (Retd.) Dr. Tanmay Roy is the demonstrator, explaining how the cubes can be transformed into functional field hospitals within minutes. The event was attended by several dignitaries, including ACP Shalini Sharma, Ganesha Kharatmal (chief fire officer), Mihani, Ankusha Gaurde (disaster cluster management officer), Dr. Mru

Dr Siddhartha Dubhashi (head of general surgery), Dr. Nilesh Nagdev (medical superintendent), Dr. Mahendra Chauhan (head of trauma and emergency), and Dr. Vikash Kumar (nodal officer).

Dr Chauhan said the system will significantly strengthen disaster preparedness in Maharashtra. "Our goal is to train teams who can deploy these cubes rapidly when emergencies



(L) Dr PP Joshi inaugurating the workshop (R) Air Vice Marshal (Retd.) Dr Tanmay Roy giving demo

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AIIMS-N to head study on lead exposure in kids

Chaitanya Deshpande
@timesofindia.com

Nagpur: In a significant step towards safeguarding children's health, the All India Institute of Medical Sciences (AIIMS) Nagpur has joined hands with Pahlé India Foundation to launch a nationwide study assessing blood lead levels in children and the impact on their cognitive and mental health.

An MoU formalising this collaboration was signed at AIIMS Nagpur by Dr Prashant P Joshi, executive director and CEO of AIIMS Nagpur, and Dr Ishan Joshi, director, Programmes and Partnerships, Pahlé India Foundation.

Lead, a toxic heavy metal, has long been associated with severe health hazards, particularly in children, including neurological, psychiatric, and behavioural disorders. Despite this, the extent of lead exposure among children remains in-

WHY STUDY IS IMPORTANT

- Even low levels of lead in children can harm brain development and reduce IQ
- Lead exposure has lifelong effects, linked to behavioural issues and learning disabilities
- India may have higher exposure than assumed, study will provide first large-scale national data
- Findings could shape national policy



AI Image

adequately documented.

"Children are particularly vulnerable because their developing brains are highly susceptible to the toxic effects of lead," said Dr Jyoti E John, professor and head, department of biochemistry at AIIMS Nagpur.

The study, titled 'Assessment of Blood Lead Levels in Paediatric Population and Evaluation of its Effects on Cognitive and Mental Health', will cover around 13,000 children across India. It is set to be conducted over the next 18 months in collaboration with seven AIIMS institu-

tions: Nagpur, Raipur, Jodhpur, Patna, Bibinagar, Kalyani, and Mangalagiri. Pahlé India Foundation has committed funding of approximately ₹3.08 crore for the initiative.

"We believe this study can provide crucial evidence for govt interventions to protect the health and development of India's children," said Dr Ishan Joshi from Pahlé India Foundation.

The research team at AIIMS Nagpur comprises specialists from various departments, including paediatrics, psychiatry, biochemistry, and neonatology.

AIIMS-N docs keep 'digital eye' on Melghat newborns

AIIMS-Nagpur's Tele-NCU Bridging Healthcare Gaps And Saving Lives Of Infants In Amravati District's Remote Tribal Region That Has Long Struggled With Poor Access To Medical Facilities

A MODEL WORTH REPLICATING

TIMES Special

Under the leadership of Dr. S. S. Joshi, the Director of Medical Sciences, AIIMS Nagpur has pioneered a unique 'Tele-NCU' (Neonatal Critical Care Unit) model, which has been instrumental in saving the lives of newborns in the remote tribal region of Melghat. This model has been widely replicated across other parts of the state.

The Tele-NCU model involves a central team of neonatal specialists at AIIMS Nagpur, who provide real-time guidance and support to local healthcare providers in Melghat. This has significantly improved the quality of care for newborns in the region, reducing the need for referrals to distant hospitals.

The model has been successful in addressing the challenges of poor access to medical facilities in the region. It has also helped in building the capacity of local healthcare providers, ensuring that they are equipped to handle neonatal emergencies.

The success of the Tele-NCU model has led to its replication in other parts of the state, including Raipur, Bilaspur, and Bhopal. This has helped in improving the overall quality of neonatal care in the state.

लाकमता मरर READ गाटात तंत्रज्ञानाने वाचवले चिमुकले जं

**एसम नागपुरच्या टेली एमएनसीयू मॉडलचे यशः
प्रगत तंत्रज्ञानाद्वारे दुर्गम भागांत आरोग्य संपर्काची**

लाकमता

नागपुर : महाराष्ट्रातील दुर्गम गावांमध्ये आरोग्य सेवांचा प्रसार करणे हे एक आव्हान होते. परंतु, एमएनसीयू मॉडलचे यशः प्रगत तंत्रज्ञानाद्वारे दुर्गम भागांत आरोग्य संपर्काची

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