

International Conference on Recent Advances in Neurotraumatology ICRAN 2024, February 29 – March 4, Jaipur, India.

Andrew Reisner, Immediate Past Chair, WFNS Neurotrauma Committee

ICRAN 2024 ([ICRAN 2024 Jaipur](#)), held in the historic city of Jaipur, was endorsed at inception in 2022 by both the Asian Australasian Society of Neurosurgeons (AASNS) led by Kate Drummond (Australia) and the World Federation of Neurosurgical Societies (WFNS) led by Andrew Reisner (USA), Andrés Rubiano (Colombia) and Laura Lippa (Italy).

The first ICRAN meeting was held in Japan in 1992. These annual meetings have become a mainstay of WFNS Neurotrauma activities and have now been held on every continent, always with the engagement of local continental and national neurological societies. ICRAN meetings are the perfect forum to highlight the many societal, legislative, and medical management issues associated with both brain and spinal cord trauma. Given that there are unique local nuances including administrative set-ups, epidemiology, cultures, and attitudes on neurotrauma, ICRAN meetings are uniquely positioned to positively influence the local and national community at large, including legislators and politicians. This was done in no uncertain terms at ICRAN 2024!

Drs. Virendra Deo Sinha and Amit Chakraborty first pitched the idea of hosting ICRAN 2024 to a combined in-person and virtual WFNS Neurotrauma committee held at the XVII Annual meeting, in Bogotá, Colombia on March 15th, 2022. A unanimous decision was taken to host ICRAN 2024 in Jaipur, India. We were not disappointed!

There were over 400 participants including neurosurgeons, neurologists, intensive care physicians, nurses, and students. As expected, there was a robust scientific and delightful social program ([ScientificProgramme.pdf \(icran2024.com\)](#)). Given that “a picture is worth a thousand words”, dozens of pictures can be found at ([ICRAN 2024 Jaipur](#)).

Jaipur, the capital city of the Indian state of Rajasthan, is renowned for its rich history, culture, and architectural marvels. Thanks to Jaipur’s pink-hued buildings, palaces, and forts that impart a unique and beautiful façade, it is also known as the Pink City. Popular tourist attractions include the Hawa Mahal, Amber Palace - and the Taj Mahal, a 4-hour drive away.

An important focus of the meeting was local and national outreach, including engagement with community leaders and dignitaries, schools and universities, newspapers, TV, and social media outlets. The goal was to highlight the need for legislation appropriating resources to both the prevention and treatment of neurotrauma. The leaders of the Indian Neurosurgical Society were supported by the almost 53 international attendees from both the AASNS and WFNS.

The organizing committee chose “Stimulating Innovations in Neurotrauma” for the theme of this meeting. The “stimulation” began at a pre-conference morning workshop on skull base surgical techniques Thursday, February 29th. A 3-D anatomy course was given with the use of an exoscope. organized by Mario Ganau (UK) and Dr. Iype Cherion (India), was held at the SMS

Medical College in Jaipur. There were approximately 61 attendees. An interesting set of didactic lectures focused on a controversial, but potentially important microsurgical opening of the cisterns in TBI. The speakers included Shugar Jhamil Hinojosa Motta (Peru), an advocate for cisternostomy in TBI. Following this course an impromptu meeting was held to decide on how best to study the role of cisternostomy in TBI care. The experts present will form the nidus of what is hoped will become a scientifically sound, multinational endeavor.

The second pre-conference workshop, organized by Andrés Rubiano and Mario Ganau in conjunction with our colleagues at Global Neuro ([Global Neuro homepage, who we are and what we are offering](#)), was held on the afternoon of Thursday, February 29th in the conference center of Hotel Clarks Amér. A huge thanks to Linda Domesian and Jenny Cheng of Global Neuro for not only organizing and co-sponsoring this event but being supportive partners of WFNS Neurotrauma committees for decades ([Upcoming events \(globalneuro.org\)](#)). The focus of this course was on innovations in prehospital care in Neurotrauma. Speakers included Virendra deo Sinha, Andrew Reisner, Corrado Iaccarino (Italy) and Amit Agrawal (India). Both didactic and case presentations were given to illustrate up-to date contemporary neurotrauma care.

The main scientific program was from Friday March 1st through Sunday March 3rd, 2024 [ICRAN SCIENTIFIC PROGRAMME.cdr \(icran2024.com\)](#). The goals, to enhance prevention programs and streamline treatment protocols for our patients, were achieved with high caliber didactic lectures and lively debates, often with 2 or 3 sessions held concurrently.

On Day 1, session topics included road safety and organ donation awareness programs, ethical and legal aspects of TBI, recent advances and innovations in TBI and SCI, surgical aspects of neurotrauma, neurorehabilitation and craniovertebral junction trauma. Dr. Anita Hada and Sanjana Bhojwani gave moving talks on their personal experience with organ donation.

The meeting was formally inaugurated by a Puja (welcoming ceremony) which included Aarthi (prayer song) and lighting of the Diyas (lamp) that signifies the spread of knowledge and blessings by the Almighty. This was followed by a poolside dinner at Hotel Clarks Amér.

Day 2 sessions included a presentation on warfare injury, neuroendoscopy, brachial plexus and peripheral nerve injuries, cranioplasty and endovascular management of neurotrauma. In addition, there was a session for our nursing colleagues, which was attended by almost 150 nurses. [Nursing Programme.pdf \(icran2024.com\)](#)

An impromptu WFNS Neurotrauma Committee meeting was held that evening called by outgoing chair, Andrew Reisner, who congratulated incoming chair, Andrés Rubiano. Wilco Peul (The Netherlands) and Franco Servadei (Italy) called in so that they could hear the excellent presentation put on by our Indonesian hosts of ICRAN 2025. A brief outline and slide show were given by Tedy Apriawan, Rohadi Muhammad Rosyidi, Dewa Putu Wardhana and colleagues. Although the date of ICRAN 2025 is yet to be finalized, it will be held in Manado, Indonesia ([manado indonesia - Search \(bing.com\)](#)). Details to follow, but we would suggest that all snorkeling and diving enthusiasts pay attention; this is a world-renowned spot for diving. Although years away, Wilco Peul and colleagues tentatively plan to host ICRAN 2026 in Leiden, The Netherlands. ([Leiden - Wikipedia](#)). A huge thank you to future ICRAN hosts.

That evening, a gala dinner was held in the sumptuous grounds of Hotel Jai Mahal Palace. This venue portrayed the glorious and rich cultural history of the state of Rajasthan. Attendees were enthralled by local folk dancing and music.

Day 3 sessions included epidemiology of TBI, pediatric TBI, neurocritical care and basic neurosciences. As with prior sessions, topics covered the gamut of neurotrauma. All sessions were conducted in a comfortable, respectful and collegial atmosphere thanks to our hosts, the Indian Neurosurgical Society, who could not have been more kind, courteous and well prepared.

We particularly want to thank all the representatives from India including VD Sinha (President, ICRAN 2024), Ashok Gupta (Secretary ICRAN2024) and Amit Chakrabarty (Co-organizer). BK Misra (National Advisor), BS Sharma, H Bagaria, and Hemant Bhartiya (all patrons) as well as their extended committee. The committee was ably supported by an enthusiastic team consisting of Dr. Sanjeev Chopra, Dr. Jitendra Shekhawat, Dr. Ugan Meena, Dr. Gaurav Jain, Dr. Anil Kothiwala, Dr. Priya, Jitin Bajaj, Dr. Mihika Sinha and Mr. Gautam and team (Event manager). All took such pride in this event and were so appreciative of everyone's efforts to attend.

International attendees represented Australia (Kate Drummond and Brad Hockey), Canada (Eve Tsai), China (Xian-Jian Huang, Yonghona Wang), Colombia (Andrés Rubiano), Egypt (Ahmed El-Fiki), Germany (Maximilian Mehdorn), Hong Kong (Wai S Poon), Indonesia (Tedy Apriawan, Rohadi Muhammad Rosyidi, Dewa Putu Wardhana), Israel (Mony Benifla, Yigel Shoushan), Italy (Alberto Delitalia, Franco Servadei, Giovanni Broggi, Corrado Iaccarino, Massimiliano Visocchi, Roberto Stefani and Salvatore Chibbaro), Japan (Eiichi Suehiro, Hiroshi Karibe), Malaysia (Kamalanathan Palaniandy and Azmid Azmi), Mexico (Victor Hugo Perez), Nepal (Amit Thapa, Mohan Raj Sharma), Peru (Shugar Jhamil Hinjosa Motta), Philippines (Lynne Lourdes Lucena, Sixto Ordone), Romania (Ioan Stephan Florian), Saudi Arabia (Nabeel S. Alshafai), Singapore (Wan Tew Seow), Sri Lanka (Surath S K Munasinghe), Taiwan (Yung-Hsiao Chiang), UAE (Debora Garozzo), UK (Peter Hutchinson, Mario Ganau, Guirish Solanki, Pragnesh Bhatt and Antonio Belli), and the USA (Andrew Reisner, Kevin Wang, Rakesh Singh and David Adelson).

The Course Sponsors were Aesculap, Stryker, Sun Pharma, Medtronic and Sanma. We are extremely thankful for their support.

The future of ICRAN looks bright! Thank you to upcoming ICRAN 2025 host chair, Tedy Apriawan (Monado, Indonesia) and ICRAN 2026 host chair, Wilco Peul (Leiden, The Netherlands) for their willingness to organize and take on the hard work that lies ahead! We are grateful to all for continuing the wonderful ICRAN tradition.

Allow us to conclude with these Hindi words...

हम अपने सामान के साथ अच्छे विचारों, सुखद यादों, पुरानी दोस्ती को नवीनीकृत करने और नई दोस्ती से भरे हुए हैं। बहुत-बहुत धन्यवाद

Translation: “we are filled with good thoughts, happy memories, renewing old friendships and new friendships with our belongings”

Andrew Reisner, Immediate Past Chair, WFNS Neurotrauma committee
Virendra D Sinha, President ICRAN 2024, WFNS Neurotrauma committee member
Ashok Gupta, Secretary, ICRAN 2024
Amit Chakrabarty, Scientific chair, ICRAN 2024, WFNS Neurotrauma committee
Mario Ganau, Scientific chair, ICRAN 2024, WFNS Neurotrauma committee
Laura Lippa, Co-chair, WFNS Neurotrauma committee
Andrés Rubiano, Chair, WFNS Neurotrauma committee

Selected pictures below – More found at [ICRAN 2024 Jaipur](#)



Inauguration by a Puja (welcoming ceremony): Aarthi (prayer song) and lighting of the Diyas (lamp). Ashok Gupta, Virendra Deo Sinha, Andrew Reisner, Kate Drummond, Basant Misra



Pre-meeting faculty



Nursing Program – ICRAN 2024