



Scientific
Programme

26

27

28

February 2026

COMBINED 5TH AIIMS INTERNATIONAL SPINE DEFORMITY COURSE & PSACON - 2026

Theme: Idiopathic Scoliosis



Venue

Jawaharlal Auditorium
AIIMS, New Delhi

Organized by

Department of Orthopaedics AIIMS
Spine Society-Delhi Chapter &
Pediatric Spine Academy India

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Day 1 – 26th Feb, 2026 (Thursday)

Time	Topic	Speaker(s)
08:30-09:00	Registration for Cadaveric Workshop and Symposium (Venue: Ramalingaswamy Board Room, AIIMS)	
	SYMPOSIUM/INVITED TALKS	
09:00-09:10	Clinical examination of a scoliosis patient: What not to miss!	Mantu Jain
09:10-09:20	Standard preoperative work-up of a scoliosis patient	Aju Bosco
09:20-09:30	Free-hand pedicle screws in a scoliotic spine: Tips and tricks to improve accuracy	Dhiraj Sonawane
09:30-09:40	Alternative implants and strategies: when pedicle screws don't work	Priyank Patel
09:40-10:00	Discussion	
10:00-10:10	Correction manoeuvres for scoliosis correction: when, what, why	Rajat Mahajan
10:10-10:20	Types of spinal osteotomies: A broad overview	Neeraj Gupta
10:20-10:30	Surgical technique/Video: Ponte's osteotomy	Lalit Sharma
10:30-10:40	Surgical technique/Video: Three-column osteotomy	Abrar Ahmed
10:40-10:50	Spinopelvic fixation: Indications and technique	Deep Sharma
10:50-11:10	Discussion	
11:10-11:30	Tea Break	
11:30-11:40	Haemostasis in scoliosis surgery	Deepak Joshi
11:40-11:50	Rational use of technology in the OR – Navigation and Robotics	Varun Agarwal
11:50-12:00	Record-keeping for research and review: how I do it?	Janardana Aithala
12:00-12:10	Dealing with an IONM alert: Checklist and Action-plan	Abhishek Kashyap
12:10-12:20	Discussion	
	Deformity Gurukul	
	Station 1-5 Paediatric Spine Deformities	
	Station 1 – Gurudip Das, Avtar Singh Balawat	
	Station 2 – Lalit Sharma, Aju Bosco	
	Station 3 – Deepak Joshi, Vyom Sharma	
	Station 4 – Janardana Aithala, Hriday Acharya	
12:30-14:10	Station 5 – Rajat Mahajan, Kaustubh Ahuja	
	Station 6-10 Adult Spine Deformities and Cervical Deformities	
	Station 6 – Deep Sharma, Mantu Jain	
	Station 7 – Abhishek Kashyap, Raj Sakharekar	
	Station 8 – Abrar Ahmed, Tankeshwar Baruah	
	Station 9 – Priyank Patel, Varun Agarwal	
	Station 10 – Neeraj Gupta, Prabhat Agarwal	
		1:1 Case discussions with faculty
		Each delegate will complete ONE Paediatric Spine Deformity station and ONE Adult Spine Deformity/Cervical Deformity station
		Faculty to bring their own cases
14:10-15:00	LUNCH	
15:00-15:30	Move to Skill Stations – Jai Prakash Narayan Apex Trauma Centre (JPNATC)	
15:30-18:15	HANDS-ON SESSIONS	
	CADAVERIC STATION TABLE 1-4 (SACROPELVIC FIXATION, THREE-COLUMN OSTEOTOMIES)	CADAVERIC STATION TABLE 5-8 (SACROPELVIC FIXATION, THREE-COLUMN OSTEOTOMIES)
	VENUE: ANATOMY DISSECTION HALL	VENUE: JPNA TRAUMA CENTRE
	Faculty: Deep Sharma, Prabhat Agarwal, Kaustubh Ahuja, Tankeshwar Baruah, Aju Bosco, Pankaj Sharma	Faculty: Priyank Patel, Gurudip Das, Mantu Jain, Hriday Acharya, Abhishek Kashyap, Vivek Tandon, Deepak Joshi
15:30-16:45	SACROPELVIC FIXATION	SACROPELVIC FIXATION
17:00-18:15	Three-Column Osteotomies	Three-Column Osteotomies
19:30 onwards	Faculty Dinner	

Day 2 – 27th Feb, 2026 (Friday)

Time	Topic	Speaker(s)
08:30-09:00	Registration (Venue – JL Auditorium, AIIMS, New Delhi)	
	SESSION 1 – EARLY ONSET IDIOPATHIC CURVES SESSION COORDINATORS: TUNGISH BANSAL, ARPIT SAHU	
09:00-09:45	Invited Talks (Chairpersons: Saumyajit Basu, David Lebel, Ajay Krishnan, Kshitij Chaudhary)	
09:00-09:10	Pulmonary function and EOS: What has changed in last 5 years	Suresh Pillai
09:10-09:20	Growing Rods v/s Apical control techniques: Weighing the scales	Alaa Azmi Ahmad
09:20-09:30	Tethering Very Early Onset Scoliosis: Challenges and Outcomes	K Appaji Krishnan
09:30-09:45	Discussion	
09:45-11:15	Surgical Videos (Chairpersons: Tushar Rathod, Lalit Sharma, Deepak Joshi, Priyank Patel)	
09:45-10:00	Traditional growing rod implantation	Hitesh Garg
10:00-10:15	Magnetically controlled growing rod implantation	Vishal Sarwahi
10:15-10:30	Active Apex Compression (APC) Technique	Alaa Azmi Ahmad
10:30-10:45	Shilla Technique	Dilip Sengupta
10:45-10:55	EDF Casting for Early-Onset Curves	Arjun Dhawale
10:55-11:15	Discussion	
11:15-11:55	Panel Discussion (Five cases – 8 minutes each) (Panelists: Saumyajit Basu, Alaa Azmi Ahmad, K Appaji Krishnan, Niraj Vasavada)	
	Case 1 - Growing Rods with this sagittal contour? Not a good idea	Ajay Krishnan
	Case 2 - Progressive curve in a 2-year old child: How to delay the inevitable	Gururaj S.
	Case 3 - Dealing with a non-lengthening growing rod	Chinmay Nath
	Case 4- Growing rods (Unplanned return to the OR)	Subir Jhaveri
	Case 5 - Growing rod graduate (Balanced but with a 'hump')	Priyank Patel
	Debate(s)	
11:55-12:35	Moderator: Gururaj S Chairpersons: S Rajasekaran, Dilip Sengupta, Rajesh Parasnis, Ajay Krishnan	
11:55-12:15	Debate 1 - Crankshafting with early fusion in rapidly progressive curves <ul style="list-style-type: none"> #1 – With high density constructs, it's not a problem – Shailesh Hadgaonkar #2 – It still exists and merits combined A-P fusion – Ranjith Unnikrishnan 	
12:15-12:35	Debate 2: When to get an MRI done in idiopathic EOS <ul style="list-style-type: none"> #1 – MRI at diagnosis in all cases, need to catch problems early – Tushar Rathod #2 – MRI before surgery, avoid risk of anaesthesia – Vishal Sarwahi 	
12:35-12:55	Guest Lecture	
12:55-13:05	Industry Session/Invited Talk: Intraoperative and Postoperative Complications in AIS – Ajay Krishnan	
13:05-13:50	Lunch	
	SESSION 2 – Idiopathic curves in Tweeners SESSION COORDINATORS: RAJ SAKHAREKAR, KAUSTUBH AHUJA	
13:50-14:45	Invited Talks (Chairpersons: Shankar Acharya, Dilip Sengupta, Suresh Pillai)	
13:50-14:00	Non-fusion v/s fusion surgery for tweeners: balancing the trade-offs	Brian Hsu
14:00-14:10	VBT: The game-changer – the 'ideal' case selection	Massimo Balsano
14:10-14:20	Complications unique to VBT – avoidance and management	Sajan Hegde
14:20-14:30	Posterior vertebral pedicular tethering: does it work?	Vishal Sarwahi
14:30-14:45	Discussion	
14:45-15:25	Surgical Videos (Chairpersons: Amit Jhala, Charanjit Singh Dhillon, Sunil Katoch)	
14:45-15:00	Thoracic VBT	Sajan Hegde
15:00-15:15	Lumbar VBT	Massimo Balsano
15:15-15:25	Discussion	
15:25-15:45	Panel Discussion (Two cases – 10 minutes each) (Panelists: Dilip Sengupta, Sajan Hegde, Ranjith Unnikrishnan, Surya Prakash Rao Voleti)	
	Case 1 – Tweener	Ankur Nanda
	Case 2 – Tweener	Shailesh Hadgaonkar
	SESSION 3 – Nonoperative management and treatment planning SESSION COORDINATORS: AYUSH ARYAL, AKASH BALI	
15:45-17:15	Invited Talks (Chairpersons: SK Srivastava, Rupinder Chahal, Chinmay Nath, Buddhadev Chowdhury)	
15:45-15:55	Bracing – which candidate, which brace	Kshitij Chaudhary
15:55-16:05	Physiotherapy, exercises and the Schroth method: current role and evidence	David Lebel
16:05-16:15	Predicting growth: which maturity indicators do I rely upon	Niraj Vasavada
16:15-16:30	Discussion	
16:30-16:40	Assessing flexibility of the curve: how do I get it right	Rajesh Parasnis
16:40-16:50	Evolution of classifications for AIS: importance of 3D assessment	Dilip Sengupta
16:50-17:00	Selective fusion in AIS curves: Case selection and outcomes	Raghava Dutt Mulukutla
17:00-17:15	Discussion	
17:15-17:55	Debates Moderator: Ankur Nanda Chairpersons: P Sarat Chandra, Brian Hsu, Dhiraj Sonawane, Vidyadhara S	
17:15-17:35	Debate 1 - AIS with a tethered cord <ul style="list-style-type: none"> #1 – Primary detethering is needed #2 – Column shortening is sufficient 	Ajay Kothari Surya Prakash Rao Voleti
17:35-17:55	Debate 2 – Minimally invasive surgery for AIS <ul style="list-style-type: none"> #1 – Gives good outcomes in selected cases #2 – Give MISS a 'miss' for scoliosis 	Vishal Sarwahi J Naresh Babu
17:55-18:15	Panel Discussion – Lenke 'Rule-breakers' (Two cases – 10 minutes each) (Panelists: David Lebel, Brian Hsu, Chirayu Pamecha, J Naresh Babu)	
	Case 1	Tarun Suri
	Case 2	Vidyadhara S

Day 3 – 28th Feb, 2026 (Saturday)

Time	Topic	Speaker(s)
	SESSION 4 – AIS Inside the Operating Room	
	Session Coordinators: Hriday Acharya, Arpit Sahu	
	09:00-10:55 Invited Talks (Chairpersons: Massimo Balsano, Samir Dalvie, Vikas Tandon, Pankaj Kandwal)	
09:00-09:15	Anterior release v/s halo-gravity traction for rigid curves	Surya Prakash Rao Voleti
09:15-09:25	Posterior releases: Ponte v/s 3 column-osteotomy - Decision making	S Rajasekaran
09:25-09:40	Overview of posterior correction manoeuvres	Charanjit Singh Dhillon
09:40-09:50	Proximal junctional kyphosis after AIS surgery: problem and avoidance	Saumyajit Basu
09:50-10:10	Discussion	
10:10-10:25	Selection of fusion levels in AIS	Ajoy Shetty
10:25-10:35	Shoulder balance in AIS – assessment and how to get it right	Abhay Nene
10:35-10:45	Sagittal balance correction in AIS: kyphosis/lordosis	Amit Jhala
10:45-11:00	How I plan my construct: implant density, rods, screws and more	Brian Hsu
11:00-11:20	Discussion	
	11:20-12:15 Surgical videos (Chairpersons: Kalidutta Das, Vishal Peshattiwar, Ayush Sharma)	
11:20-11:30	Anterior release	Pankaj Kandwal
11:30-11:40	Translation to rod	Chirayu Pamecha
11:40-11:50	Direct vertebral rotation (DVR)	Niraj Vasavada
11:50-12:00	Costoplasty	Ajay Kothari
12:00-12:15	Discussion	
	12:15-12:45 Panel Discussion (Three cases – 10 minutes each)	
	(Panelists: Raghava Dutt Mulukutla, Abhay Nene, Vishal Sarwahi, Amit Jhala)	
	Case 1 – Lenke 1A curve with balanced shoulders	Gurudip Das
	Case 2 – Lenke 1C/3C curve – selective v/s non-selective fusion	Arjun Dhawale
	Case 3 – Lenke 5 curve with high L3 translation/tilt	K Appaji Krishnan
	Debates	
	12:45-13:25 Moderator: Vishal Kundnani	
	Chairpersons: Ajoy Shetty, Sachin Borkar, Yong-Chan Kim, Shailesh Hadgaonkar	
	Debate 1 – Preferred approach for Lenke 5 curves	
12:45-13:05	<ul style="list-style-type: none"> #1: Anterior approach has decisive advantages #2: Can get equivalent results with posterior approach 	Kshitij Chaudhary Abhay Nene
	Debate 2 - Technology in the OR for pedicle screw insertion	
13:05-13:25	<ul style="list-style-type: none"> #1: Selective use, free-hand still remains the workhorse #2: 100% adoption, no-touch without navigation 	Samir Dalvie Vishal Peshattiwar
13:25-13:45	Guest Lecture	
13:45-14:35	Lunch	
14:35-14:45	Industry Session/Invited Talk – II – Sri Krishna Chaitanya K.	
14:45-14:55	Industry Session/Invited Talk – III – Abhay Nene	
14:55-15:05	Industry Session/Invited Talk IV – Satish Rudrappa	
	SESSION 5 – Special situations and perioperative care	
	SESSION MODERATORS: BURHAN SALIM, ARCHIT GOYAL	
	15:05-15:55 Invited Talks (Chairpersons: Raghava Dutt Mulukutla, Manish Chadha, Kamran Farooque, Manoj Phalak)	
15:05-15:15	Correction of rigid scoliosis with neurological deficits: challenges and management strategies	SK Srivastava
15:15-15:25	TBD	Yong-Chan Kim
15:25-15:35	Cervicothoracic curves	Ranjith Unnikrishnan
15:35-15:45	ERAS and pain-control: optimizing outcomes with MDT	David Lebel
15:45-16:00	Discussion	
	16:00-16:20 Panel Discussion – Older mature patient with a ‘borderline’ curve (Two cases – 10 minutes each)	
	(Panelists: S Rajasekaran, SK Srivastava, Massimo Balsano, Subir Jhaveri)	
	Case 1	Dhiraj Sonawane
	Case 2	Arjun Dhawale
	16:20-17:00 Panel Discussion – Houston, we’ve a problem: Dealing with a complication (Four cases – 10 minutes each)	
	(Panelists: Ajoy Shetty, Samir Dalvie, Abhay Nene, Charanjit Singh Dhillon)	
	Case 1 – Dysplastic pedicles/poor ‘anchors’	Vishal Kundnani
	Case 2 – When an unlikely storm hits you	Ayush Sharma
	Case 3 – IONM signal drop	Varun Agarwal
	Case 4 – Curve decompensation	Chirayu Pamecha

Meet Our Team



Prof. P Sarat Chandra
Patron



Prof. Bhavuk Garg
Organising Chairman



Prof. Sachin Borkar
Co-Organizing Chairman



Dr. Vikrant Manhas
Organising Secretary



Dr. Nishank Mehta
Organising Secretary



Dr. Sahil Batra
Co-Organising Secretary



Dr. Shrijith M B
(Workshop Coordinator)



Dr. Arpit Sahu
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Pediatric Spine Academy India



Dr. Abhay Nene



Dr. K V Menon



Dr. Ajoy Shetty



Dr. Amit Jhala



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