

**PRE-CONFERENCE WORKSHOPS**

**Thursday, April 28, 2022**

<b>2.00 pm- 6.00 pm</b>	<b>Workshop no 1: Posterior cervical stabilization (IGIMS, Patna)</b>
	<b>Convener:</b> Samir Dalvie
	<b>Local Convener:</b> Ritesh Runu
	<b>Faculty:</b> Kshitij Chaudhary, Agnivesh Tikoo, Varun Agarwal, Shumayou Dutta, Tushar Rathod
	<b>Workshop no 2: Thoracolumbar pedicle screws (IGIMS, Patna)</b>
	<b>Convener:</b> Bhavuk Garg
	<b>Local Convener:</b> Ritesh Runu
	<b>Faculty:</b> Nishank Mehta, Lalit Sharma, Deep Sharma, Kaustub Ahuja

**PRE-CONFERENCE WORKSHOPS**

**Friday April 29, Hall A**

<b>8.30 am- 12.30 pm</b>	<b>Workshop no 3: Anterior cervical instrumentation (IGIMS, Patna)</b>
	<b>Convener:</b> Ajoy Shetty
	<b>Local Convener:</b> Ritesh Runu
	<b>Faculty:</b> Waliullah Shah, Chandrashekhar Gaike, Amit Sharma, Harpreet Singh
	<b>Workshop no 4: Corpectomy &amp; Anterior reconstruction (IGIMS, Patna)</b>
	<b>Convener:</b> Appaji Krishnan
	<b>Faculty:</b> Vigneshwara, Phani Kiran, Vamsi Krishna Varma
<b>12.00 pm- 1.00 pm</b>	<b>Lunch</b>

**MAIN CONFERENCE PROGRAM**

**Day - 1 / Friday April 29, Hall A**

		Speakers/ Case presenters	Chairpersons/ Moderators
1.00pm- 1.55pm	Free Paper Session 1 : (4 mins + 2 mins X 9)		Sailesh Hadgaonkar, Tarun Suri, Saurabh Kapoor
1.00pm- 1.04pm	Spinal injuries in air crash – Pattern of injuries, challenges in management during pandemic situation and learning points for prevention	Siyad Ahammad	
1.04pm- 1.08pm	Clinical & Radiological Outcome of MRI diagnosed spinal tuberculosis treated with empirical ATT: An experience of 35 cases over 18 months of treatment	Vishal Singh	
1.08pm- 1.12pm	Factors affecting life expectancy in patients with spinal metastasis requiring surgery.	Nitin Goyal	
1.12pm- 1.16pm	INFECTION IN SPINE SURGERY–STUDY BETWEEN SURGICAL TIME , BLEED VOLUME,AND SITE.	Suhashish Ray	
1.16pm- 1.20pm	Cauda Equina Syndrome: False-positive Diagnosis of Neurogenic Bladder Can Be Reduced by Multichannel Urodynamic Study	Sulaiman Sath	
1.20pm- 1.24pm	Verifying S1 Pedicle Screw Placement Using Modified Pelvic Inlet view: a technical note	M Abhinandan Reddy N	
1.24pm- 1.28pm	Pedicle screw stacking in failed spine surgery	Jvaghar Jill	
1.28pm- 1.32pm	Effect of non-fusion anterior scoliosis correction on thoracic and lumbar sagittal parameters in Adolescent Idiopathic scoliosis patients? Is it detrimental?	Umesh Kanade	
1.32pm- 1.36pm	Postop coronal alignment in lenke 5 and 6 curves	Piyush Joshi	
1.36pm- 1.55pm	Q & A		

<b>2.00pm- 2.55pm</b>	<b>Free Paper session 2: (4 mins + 2 mins X 9)</b>		<b>Tarush Rustagi, Nikhil Arbatti, HN Diwakar</b>
<b>2.00pm- 2.04pm</b>	Prenatal counselling for spine anomalies - Algorithm of management - from the genesis to treatment.	<b>Hriday Acharya</b>	
<b>2.04pm- 2.08pm</b>	Lumbar rocking test: A new clinical test for predicting lumbar instability	<b>Bipul Kumar Garg</b>	
<b>2.08pm- 2.12pm</b>	Surgical treatment of Thoracolumbar Myelopathy: Retrospective analysis of clinical and radiological outcomes.	<b>Akash Hosthota</b>	
<b>2.12pm- 2.16pm</b>	Neurofibromatosis with kyphoscoliosis: A Retrospective case series	<b>Burhan Salim</b>	
<b>2.16pm- 2.20pm</b>	Outcome analysis of patients who had complications during lumbar microdiscectomy	<b>Vishnu Prasath</b>	
<b>2.20pm- 2.24pm</b>	Analysis of cervical morphometric parameters on dynamic magnetic resonance imaging in cervical myelopathy patients	<b>Gururaj Sandgopinath</b>	
<b>2.24pm- 2.28pm</b>	Assessment Of Spinal Fusion After Percutaneous Pedicle Screw Rod Fixation For Thoracolumbar Fractures	<b>Ashish Gupta</b>	
<b>2.28pm- 2.32pm</b>	Utility of post operative paraspinal muscle analgesic infiltration in lumbar decompression surgeries: A double-blind prospective randomised controlled trial (RCT)	<b>Ashwin Hemant Sathe</b>	
<b>2.32pm- 2.36pm</b>	Does elevated Mean-Arterial Pressure lead to better outcomes in Degenerative Cervical Myelopathy?- A prospective, pilot Randomized Control Trial.	<b>Aayush Sharma</b>	
<b>2.36pm- 2.55pm</b>	Q & A		
<b>3.00pm- 3.30pm</b>	<b>Refreshment break</b>		

<b>3.30pm- 4.30pm</b>	<b>Raipd Fire Free paper presentations 1 (2 mins + 2 mins X 13</b>		<b>Thomas Kishen, Ajay Kothari, SN Saraf</b>
	Are Interbody Fusions Superior to Posterolateral Fusion in Lumbar Spondylolisthesis	<b>Vamsi Krishna Chand N</b>	
	Posterior spinal cord decompression for thoracic OPLL	<b>Nilesh Barwar</b>	
	Drug resistant spinal TB	<b>Pankaj Kumar</b>	
	Effect of In-situ Fusion in Lumbar Spondylolisthesis on clinical outcomes and Spino-pelvic sagittal balancing	<b>Amogh Zawar</b>	
	Modified "LiftUp" Laminaplasty: A novel surgical technique for long segment epidural and intradural tuberculoma: A Case series	<b>Anindya Basu</b>	
	Spinal Intradural Extramedullary tumours	<b>Abhishek SA</b>	
	A rare cause of limb weakness in spine clinic- a case series	<b>Balmurugan M</b>	
	Spinal Epidural Hematoma associated with anticoagulant therapy- Case series of three patients with acute neurological deficit	<b>Ashish Kukreja</b>	
	Complex transverse sacral fracture- a case report	<b>Sidheshwar Thosar</b>	
	Management of Delayed posttraumatic cervical spondyloptosis	<b>Mayank Mathur</b>	
	Outcome of late surgery in cervical spine injury	<b>Chinmay Nath</b>	
	Indirect decompression for thoracic myelopathy due to anterior compression	<b>Sulaiman Sath</b>	
	Do lumbar intervertebral disc parameters in patients with chronic low back pain differ quantitatively from healthy individuals? A comparative study	<b>Roop Singh</b>	
<b>7.00pm- 8.00pm</b>	<b>Inauguration</b>		
<b>8.15pm onwards</b>	<b>Dinner</b>		

**MAIN CONFERENCE PROGRAM**

**Day - 1 / Friday April 29, Hall B**

		Speakers/ presenters	Case	Chairpersons
<b>1.00pm- 1.55pm</b>	<b>Free Paper Session 3 : (4 mins + 2 mins X 9)</b>			<b>Ranjith Unnikrishnan, Waliullah Shah, Mahesh Kumar</b>
<b>1.00pm- 1.04pm</b>	Effectiveness of various diagnostic and management tools for the treatment/management of people with Pott's spine in India and its neighboring countries- A prospective, observational, Multicentric cohort study	<b>Jitesh Manghwani</b>		
<b>1.04pm- 1.08pm</b>	Documentation of Neurological Status before surgery- Role of clinical audit as a tool for better patient counselling	<b>Humam Ahmad</b>		
<b>1.08pm-1.12pm</b>	Variations in segmental lordosis, location of the lumbar apex and sagittal alignment in asymptomatic adults: Correlation with pelvic parameters	<b>Kuldeep Bansal</b>		
<b>1.12pm-1.16pm</b>	Preoperative frailty and outcome in patients undergoing Major Orthopaedic Surgery	<b>Ashutosh Kapoor</b>		
<b>1.16pm-1.20pm</b>	Hart- ISSG scale for prognosticating Proximal Junctional Failure	<b>Aditya Raj</b>		
<b>1.20pm- 1.24pm</b>	Non-fusion Anterior Scoliosis Correction (NFASC): A Novel Promising Modality for Treatment of Adolescent Idiopathic Scoliosis (AIS)– A Single Centre Experience	<b>Vigneshwara</b>		
<b>1.24pm- 1.28pm</b>	Does functional outcome correlate with poor neurological recovery in complete (AIS A) spinal cord injuries? An Analysis of long term rehabilitation at a Military Spinal Cord Injury Centre	<b>Vyom Sharma</b>		
<b>1.28pm- 1.32pm</b>	Role of Peroperative Methyprednisolone in Surgery for Cervical	<b>Kushal Gohil</b>		

	Spondylotic myelopathy		
<b>1.32pm- 1.36pm</b>	Comparison of efficacy of Leukocyte Rich-Platelet Rich Plasma vs Leukocyte Poor-Platelet Rich Plasma via caudal epidural approach in patients with chronic low back ache due to degenerative disc disease – A double blinded randomized control trial	<b>Aakash Basu</b>	
<b>1.36pm- 1.55pm</b>	Q & A		
<b>2.00pm- 2.55pm</b>	<b>Free Paper Session 4: (4 mins + 2 mins X 9)</b>		<b>Subir Jhaveri, Sunil Katoch, Mahesh Prasad</b>
<b>2.00pm- 2.04pm</b>	Comparative Efficacy of Spinal Anesthesia versus general anesthesia in MIS- TLIF procedures	<b>Ameya Rangnekar</b>	
<b>2.04pm- 2.08pm</b>	Minimally Invasive Spine Surgery for degenerative lumbar pathology an institutional experience.	<b>Atif Naseem</b>	
<b>2.08pm- 2.12pm</b>	An analysis of anthropometric data of the lumbar vertebrae using MRI in South Indian population	<b>Joginath BB</b>	
<b>2.12pm- 2.16pm</b>	Comparison of morphometric measurements of sub -axial cervical spine C3-C7 in normal population and cervical spondylotic myelopathy patients using Magnetic Resonance Imaging (MRI).	<b>Nayeem Sharief</b>	
<b>2.16pm-2.20pm</b>	Endplate and disc changes AO Spine type A thoracolumbar fracture-CT and MRI analysis	<b>Rohit Kavishwar</b>	
<b>2.20pm-2.24pm</b>	An Image Guided Intervention System for Pedicle Screw Insertion During Spine Surgery	<b>Shyamsunder Bhat</b>	
<b>2.24pm-2.28pm</b>	Outcome analysis of patients with ATCCS(Acute Traumatic Central cord Syndrome) following a new algorithm for surgical decision making : our institutional experience of 20 cases	<b>Vishal Verma</b>	
<b>2.28pm- 2.32pm</b>	Prospective comparative study of Incidence of dural tear in open vs minimally invasive spine surgery for degenerative lumbar pathology	<b>Harsh Agarwal</b>	
<b>2.32pm-2.36pm</b>	Radiological predictors of spinal cord injury in C7- T1 translational	<b>Karthik</b>	



	injury	Ramchandran	
2.36pm-2.55pm	Q & A		
3.00pm- 3.30pm	<b>Refreshment Break</b>		
3.30pm- 7.40pm	<b>Joint session of ASSI with Scoliosis Research Society</b>		<b>Saumyajit Basu, Suken Shah</b>
3.30pm- 3.35pm	<b>Introduction to SRS &amp; Welcome by the Chair</b>	<b>Suken shah</b>	
3.35pm- 4.30pm	<b>Session 1: Early onset spinal deformity:</b>		
3.35pm- 3.47pm	Lecture: Treatment strategy for patients with EOS	<b>Muharrem Yazici</b>	
3.47pm- 3.50pm	Q & A		
3.50pm- 4.30pm	Interactive case based panel discussion <b>Panelists: Saumyajit Basu, Muharrem Yazici, Suken Shah, Noriaki Kawakami</b>	<b>Arjun Dhawale, Abhay Nene</b>	
4.35pm- 5.30pm	<b>Session 2: Adolescent spinal deformity</b>		
4.35pm- 4.47pm	Lecture: A consensus on treatment recommendations	<b>Suken Shah</b>	
4.47pm- 4.50pm	Q & A		
4.50pm- 5.30pm	Interactive case based panel discussion <b>Panelists: Arvind Jayaswal, Muharrem Yazici, Serena Hu, Suken Shah,</b>	<b>Bhavuk Garg, Dhiraj Sonawane</b>	
5.35pm- 6.30pm	<b>Session 3: Adult Spinal Deformity</b>		
5.35pm- 5.47pm	Lecture: ASD- How to optimize outcomes ?	<b>Christopher Shaffrey</b>	
5.47pm- 5.50pm	Q & A		
5.50pm- 6.30pm	Interactive case based panel discussion	<b>Amit Jhala, Naresh</b>	



	Panelists: <b>Saumyajit Basu, Christopher Shaffrey, Lawrence Lenke, Sajan Hegde</b>	<b>Babu</b>	
<b>6.35pm- 7.35pm</b>	<b>Session 4: Managing complications in deformity correction surgery</b>		
<b>6.35pm- 6.47pm</b>	Lecture : EOS- Complications happen in complicated patients	<b>Noriaki Kawakami</b>	
<b>6.47pm- 6.59pm</b>	Lecture : AIS- What happens when your fusion level is incorrect?	<b>Serena Hu</b>	
<b>6.59pm- 7.11pm</b>	Lecture: ASD- Complications are the rule, not the exception !!	<b>Lawrence Lenke</b>	
<b>7.11pm- 7.23pm</b>	Lecture: ASD- When to avoid surgery completely	<b>Rajeev Sethi</b>	
<b>7.23pm- 7.40pm</b>	Discussion		
<b>7.35pm</b>	<b>Vote of Thanks</b>	<b>Saumyajit Basu</b>	

**MAIN CONFERENCE PROGRAM**

**Day - 1 / Friday April 29, Hall C**

		<b>Speakers/ Case presenters</b>	<b>Chairpersons/ Moderators</b>
<b>1.00pm- 1.55pm</b>	<b>Surgical Videos 1 (8 mins+ 3 mins X 5)</b>		<b>S Gururaj, S Parthasarthy, Manoj Chaudhary</b>
<b>1.00pm- 1.08pm</b>	Microlumbar Discectomy	<b>Janardhan Aithala</b>	
<b>1.08pm- 1.11pm</b>	Q & A		
<b>1.11pm- 1.19pm</b>	Over the top decompression for lumbar canal stenosis	<b>Agnivesh Tikoo</b>	
<b>1.19pm- 1.22pm</b>	Q & A		
<b>1.22pm- 1.30pm</b>	Transpedicular decompression for spinal tuberculosis	<b>Rohit Amritanand</b>	
<b>1.30pm- 1.33pm</b>	Q & A		
<b>1.33pm- 1.41pm</b>	Anterior cervical discectomy & fusion	<b>Bimal Panday</b>	
<b>1.41pm- 1.44pm</b>	Q & A		
<b>1.44pm- 1.52pm</b>	Posterior cervical laminectomy + lateral mass fixation	<b>Sajesh Menon</b>	
<b>1.52pm- 1.55pm</b>	Q & A		
<b>2.00pm- 2.55pm</b>	<b>Symposium: Current trends in management of spinal tuberculosis</b>		<b>Rohit Amritanand, Uday Phute, VK Sinha</b>
<b>2.00pm- 2.08pm</b>	Suspected tubercular spondylitis: Role of empirical AKT ?	<b>Shyamsunder Bhat</b>	

<b>2.08pm- 2.16pm</b>	Common problems faced during conservative treatment of spinal tuberculosis	<b>Arnab Sinha</b>	
<b>2.16pm- 2.24pm</b>	A novel score for determining instability in spinal tuberculosis	<b>Pankaj Kandwal</b>	
<b>2.24pm-2.32pm</b>	How to determine endpoint of antitubercular treatment ?	<b>Rajesh Parasnis</b>	
<b>2.32pm- 2.40pm</b>	Drug resistant tuberculosis: Diagnosis and treatment strategy	<b>Raghav Dutt Mulukutla</b>	
<b>2.40pm- 2.55pm</b>	Q & A and Concluding remarks		
<b>3.00pm- 3.30pm</b>	<b>Refreshment Break</b>		
<b>3.30pm- 4.25pm</b>	<b>Symposium: Osteoporotic vertebral fractures</b>		<b>Vikas Tandon, Rajesh Parasnis, Bhuwan</b>
<b>3.30pm- 3.38pm</b>	Natural history of OVF	<b>Dhruvin Patel</b>	
<b>3.38pm- 3.46pm</b>	Rational nonoperative Rx of OVFs	<b>Nikhil Arbati</b>	
<b>3.46pm- 3.54pm</b>	Percutaneous cement augmentation: When, what and when not ?	<b>Arvind Bhave</b>	
<b>3.54pm- 4.02pm</b>	Surgery for OVF: When and what?	<b>Mihir Bapat</b>	
<b>4.02pm- 4.10pm</b>	Optimizing bone fixation in patients with osteoporosis	<b>Kalidutta Das</b>	

<b>4.10pm- 4.25pm</b>	Q & A and Concluding remarks		
<b>4.30pm- 6.35pm</b>	<b>ASSI Focus Symposium: Degenerative Low Back Pain</b>		<b>Pankaj Kandwal, Tushar Rathod, Kanhaiya</b>
<b>4.30pm- 4.38pm</b>	Natural history of degenerative disc disease & low back pain	<b>Manish Chaddha</b>	
<b>4.38pm- 4.46pm</b>	LBP: Where is it coming from ?- Clinical Evaluation	<b>Vidyadhar</b>	
<b>4.46pm- 4.54pm</b>	LBP: Where is it coming from?- The Yellow Flags	<b>Feroz Ali</b>	
<b>4.54pm- 5.02pm</b>	LBP: Where is it coming from ?- Radiological evaluation	<b>Ravish Patel</b>	
<b>5.02pm- 5.10pm</b>	Q & A		
<b>5.10pm- 5.18pm</b>	Acute Low back pain: Does identifying the pain generator really matter !!	<b>Sudhir Ganesan</b>	
<b>5.18pm- 5.26pm</b>	CNS hypersensitization in chronic low back and neck pain	<b>VT Ingalhalikar</b>	
<b>5.26pm- 5.34pm</b>	Sitting ergonomics and their impact on low back pain	<b>Vijay Kamath</b>	
<b>5.34pm- 5.42pm</b>	Physical therapy approaches in the management of low back pain	<b>VT Ingalhalikar</b>	
<b>5.42pm- 5.50pm</b>	Q & A		

<b>5.50pm- 5.58pm</b>	Percutaneous procedures for mechanical back pain: Do they make a difference ?	<b>Varun Agarwal</b>	
<b>5.58pm- 6.06pm</b>	Surgery for degenerative low back pain: When, if ever ?	<b>Prashant Kekre</b>	
<b>6.06pm- 6.14pm</b>	Short term & Long term outcomes of spinal fusion for degenerative LBP	<b>Amitava Biswas</b>	
<b>6.14pm- 6.22pm</b>	Non fusion technology: Has it improved surgical outcomes for deg LBP ??	<b>Appaji Krishnan</b>	
<b>6.22pm- 6.35pm</b>	Q & A and Concluding remarks		

**Main Conference Program**

**Day - 2 / Saturday, April 30 Hall A**

		<b>Speakers/ Case presenters</b>	<b>Moderators/ Chairpersons</b>
<b>6.30am- 7.30am</b>	<b>Ganga river walk</b>		
<b>8.00am-8.45am</b>	<b>Interactive case based panel discussion Panelists: Abrar Ahmed, S Rajasekaran, Lalit Sharma, Ram Chaddha</b>	<b>S Gururaj, Devesh Dholakia</b>	
<b>8.45am- 9.25am</b>	<b>Guest Lectures</b>		<b>Ram Chaddha, R Sivakumar, Praveen Sahu</b>
<b>8.45am- 9.00am</b>	Cervical Disc Replacement in 2021: What do we know and what don't we ?	<b>Sheeraz Qureshi</b>	
<b>9.00am- 9.05am</b>	Q & A		
<b>9.05am- 9.20am</b>	Surgical decision making in Cervical myelopathy due to OPLL	<b>Manabu Ito</b>	
<b>9.20am- 9.25am</b>	Q & A		

9.30am- 10.15am	<b>ASSI Research Awards</b>		<b>Saumyajit Basu, Bhavuk Garg, Shankar Acharya</b>
9.30am- 9.37am	<b>ASSI Basic Science Award:</b> Identification of blood-based signatures for spinal tuberculosis: A molecular insight from bench to bedside	<b>Bhavuk Garg</b>	
9.39am- 9.46am	<b>ASSI Clinical Research Award:</b> Development of wearable artificial muscles for a tetraplegic hand	<b>HS Chhabra</b>	
9.48am- 9.55am	<b>ASSI Clinical Research Award:</b> A Validated Score for Evaluating Spinal Instability to assess Surgical Candidacy in Active Spinal Tuberculosis - An Evidence Based Approach and Multinational Expert Consensus Study	<b>S Rajasekaran</b>	
9.57am-10.04am	<b>ASSI Young Investigator Award:</b> Pre-emptive Analgesia through Erector Spinae Plane Block in Posterior Cervical Spine Surgery – A Prospective Randomized Controlled Study	<b>R Karthik</b>	
10.04am- 10.11am	<b>ASSI Research Grant:</b> Comparing the efficacy of QCT vs DEXA vs MRI scan in the diagnosis of Osteoporosis and their correlation with pedicle screw insertional torque and bone histomorphometry in patients undergoing spinal decompression and fixation surgeries for lumbar degenerative disorders	<b>Saumyajit Basu</b>	
10..13am- 10.15am	<b>ASSI Publication Award</b>	<b>S Rajasekaran</b>	
10.15am- 10.45am	<b>Presidential Guest lecture: The science of disc degeneration and possible mechanism of regeneration</b>	<b>Professor Theodoor H. Smit</b>	<b>Shankar Acharya, HS Chhabra,</b>
10.45am- 11.15am	<b>Presidential Oration (5 mins introduction + 20 mins oration)</b>	<b>Shankar Acharya</b>	<b>Saumyajit Basu, Gautam Zaveri</b>



11.15am- 11.55am	Invited Guest Speaker	Mr Subramaniam Swamy	VK Sinha, Rajeev Anand, Ajoy Shetty
12.00pm- 1.00pm	VTI Gold Medal Free Paper Session (7 mins + 3 mins X 6)		Shankar Acharya, VT Ingalhalikar, Rupinder Chahal
12.00pm- 12.07pm	WBB-layered Surgical Strategy for Spinal Osteoid Osteoma and Osteoblastoma: Clinical, Radiological and Functional Outcome at 2-year Follow-up	Shrijith MB	
12.07pm- 12.10pm	Q & A		
12.10pm 12.17pm	Association of the cross-sectional area, muscularity and muscle fat ratio of the paraspinal muscles with chronic low back pain	Roop Singh	
12.17pm- 12.20pm	Q & A		
12.20pm- 12.27pm	Clinico-radiological evaluation of combined transpedicular intracorporeal bone grafting and index screw with short segment fixation in thoracolumbar vertebral fractures: A pre post interventional study.	Swayam Prakash Dash	
12.27pm- 12.30pm	Q & A		
12.30pm- 12.37pm	Results of conservative management for late-presenting dural tears after spine surgery.	Mohammed Rafiq Bhat	
12.37pm- 12.40pm	Q & A		
12.40pm- 12.47pm	Scoliosis in SMA	Pramod Sudarshan	
12.47pm- 12.50pm	Q & A		
12.50pm- 12.57pm	A prospective study on gait impairment in patients with symptomatic lumbar canal stenosis: analysis, impact on function, and effect of surgical intervention	Aman Verma	
12.57pm- 1.00pm	Q & A		

<b>1.00pm- 2.00pm</b>	<b>Lunch</b>		
<b>2.00pm- 2.55pm</b>	<b>Free paper session 5 (4 mins + 2 mins X 9)</b>		
<b>2.00pm- 2.04pm</b>	Outcome of posterior lumbar interbody fusion in low-grade spondylolisthesis	<b>Keerthi Jaliparthi</b>	<b>Abhishek Srivastava, Vijay Kamath, AK Sinha</b>
<b>2.04pm- 2.08pm</b>	Efficacy and complications of Halo Vest Immobilization (HVI) in cervical pathologies — retrospective single center study	<b>Maddali Neeraj Manikantha</b>	
<b>2.08pm- 2.12pm</b>	Long Term Operative Outcome Of Giant Calcified Thoracic Disc - Herniation- A Retrospective Analysis Of 24 Patients	<b>Manojkumar Gaddikeri</b>	
<b>2.12pm- 2.16pm</b>	Functional Outcome of MIS vs Open TLIF	<b>Mohammed Tosadique</b>	
<b>2.16pm- 2.20pm</b>	Surgical Treatment of Spontaneous Cerebrospinal Fluid Leaks – A single centre retrospective analysis.	<b>Nandan Marathe</b>	
<b>2.20pm- 2.24pm</b>	Intraoperative Neuromonitoring with Transcranial Motor Evoked Potentials (TcMEP) as single modality in Spinal Deformity Correction Surgeries	<b>Nischal Ghimire</b>	
<b>2.24pm- 2.28pm</b>	TB spine in children: Retrospective analysis of conservative treatment	<b>Tausif Ahmed Aslam Shikalgar</b>	
<b>2.28pm- 2.32pm</b>	Three-Column Osteotomy by Single-Stage, Posterior Approach in Congenital and Post-Tubercular Kyphosis: A Comparison of Outcomes	<b>Tungish Bansal</b>	
<b>2.32pm- 2.36pm</b>	Role of drain tip culture in predicting surgical site infection in spine surgeries	<b>Umesh Meena</b>	
<b>2.36pm- 2.55pm</b>	Q & A		
<b>3.00pm- 4.10pm</b>	<b>Symposium: Lateral/ Oblique lumbar interbody fusion</b>		<b>Ayush Sharma, S Karunakaran, Gautam Prasad</b>

<b>3.00pm- 3.08pm</b>	LLIF/ OLIF- Applications, Biomechanics & Contraindications	<b>Ranjith Unnikrishnan</b>	
<b>3.08pm- 3.16pm</b>	Surgical anatomy relevant to the lateral approach to the lumbar spine	<b>Charanjit Dhillon</b>	
<b>3.16pm- 3.24pm</b>	Planning the surgical incision for single & multilevel LLIF	<b>Anand Naik</b>	
<b>3.24pm- 3.32pm</b>	Lect + Video: Docking the tube- establishing a safe working portal	<b>DaiSuk Kai</b>	
<b>3.32pm- 3.40pm</b>	Discectomy/ Corpectomy & Cage insertion- Tips & Tricks	<b>Umesh Srikantha</b>	
<b>3.40pm- 3.48pm</b>	Complications of LLIF: Prevention & Management	<b>Rajat Mahajan</b>	
<b>3.48pm- 4.10pm</b>	Q & A and Concluding remarks		
<b>4.10pm- 4.30pm</b>	<b>Refreshment Break</b>		
<b>4.30pm- 5.25pm</b>	<b>Symposium: Paediatric spinal tumors: Interactive case based panel discussion</b> <b>Panelists: Shankaracharya, Mihir Bapat, D Devanand, Priyank Patel, S Rajasekaran</b>	<b>Gautam Zaveri</b>	<b>Gautam Zaveri, Manisha Singh</b>
<b>5.45pm- 7.15pm</b>	<b>General Body Meeting</b>		

**MAIN CONFERENCE PROGRAM**

**Day - 2 / Saturday, April 30 Hall B**

		Speaker/ presenter	Case	Moderators/ Chairpersons
<b>2.00pm- 2.55pm</b>	<b>Free paper session 6 (4 mins + 2 mins X 9)</b>			<b>Amit Sharma, Aju Bosco, Rakesh Chaudhary</b>
<b>2.00pm- 2.04pm</b>	The concept of Pedicle-vertebral axis when inserting cervical pedicle screws	<b>Vatsal Parmar</b>		
<b>2.04pm- 2.08pm</b>	A retrospective comparative study of clinical and neurological outcome in traumatic vs Non traumatic spinal cord injury	<b>Viksheth Basani</b>		
<b>2.08pm- 2.12pm</b>	Co-relation between low back pain and Total hip arthroplasty	<b>Mantu Jain</b>		
<b>2.12pm- 2.16pm</b>	Correction effect of Halo-Gravity taction (HGT) in various spinal disorders: a single center retrospective study	<b>Adita Guduru</b>	<b>Vardhan</b>	
<b>2.16pm- 2.20pm</b>	Prospective careful assessment of radiation exposure during first 200 spinal surgeries done using o-arm navigation: evaluation of factors that increases operation theatre radiation exposure	<b>Alok Gupta</b>		
<b>2.20pm- 2.24pm</b>	Comparative outcome of Minimally invasive vs Open Transforaminal Lumbar Interbody Fusion for patients with recurrent prolapsed lumbar intervertebral disc - A Retrospective matched Cohort study	<b>Gowtham JRs</b>		
<b>2.24pm- 2.28pm</b>	Is C1-C2 fixation really superior to Foramen magnum decompression for patients with Chiari malformation without instability?	<b>Karthigeyan M</b>		
<b>2.28pm- 2.32pm</b>	Diagnostic Yield of Image-guided Biopsy in Suspected Infectious Spondylodiscitis: A Prospective Study from a Tuberculosis-Endemic Country	<b>Nishank Mehta</b>		

2.32pm- 2.36pm	Minimally invasive surgery for degenerative lumbar pathology an institutional experience.	Priyank Deepak	
2.36pm- 2.55pm	Q & A		
3.00pm- 4.15 pm	<b>Symposium: The Craniocervical junction</b>		<b>Mihir Bapat, Bharat Dave, Anoop</b>
3.00pm- 3.08pm	Surgical anatomy of the Anterior aspect of the O-C1-C2	Manish Kothari	
3.08pm- 3.16pm	High retropharyngeal approach to the upper cervical spine	Tushar Rathod	
3.16pm- 3.24pm	Wang`s anterior release for fixed C1/ C2 dislocations: Indications & Technique	S K Srivastava	
3.24pm- 3.32pm	Transoral odontoidectomy: A historic operation?? Current indications, techniques and newer advances	Sachin Borkar	
3.32pm- 3.40pm	Anterior reconstruction following an odontoidectomy for C2 tumor: Options & Technique	Satish Rudrappa	
3.40pm- 3.48pm	Rational approach to Management of Upper cervical infections	Rajkumar Deshpande	
3.48pm- 3.56pm	Anterior Odontoid screw fixation: Technique, tips & tricks	Shashank Kale	
3.56pm- 4.10pm	Q & A and Concluding remarks		
4.10pm- 4.30pm	<b>Refreshment break</b>		
4.30pm-5.25pm	<b>Symposium: Tackling complications during MISS using tubular retractors: An interactive case based panel discussion</b>  <b>Panelists: Niraj Vasawada, Vikas Gupte, Puneet Girdhar, Arvind Jayaswal, Subir Jhaveri</b>	Arvind Kulkarni	Arvind Kulkarni, DK Sinha
5.45pm- 7.15pm	<b>General Body Meeting</b>		

**ASSICON 2022 - Main Conference Program**  
**Day - 2 / Saturday, April 30 Hall C**

		Speakers/ Case presenters	Moderators/ Chairman
<b>2.00pm- 3.00pm</b>	<b>Raiped Fire Free paper presentations 2 (2 mins + 2 mins X 14)</b>		<b>Neeraj Gupta, Amritlal Mascerenhas, KS Anand</b>
	Time-dependent changes in stiffness-related functional disability (SRFD) after long segmental fusion in elderly patients with adult spinal deformity- Minimum of 2 year follow-up results	<b>Aditya Raj</b>	
	Neglected unstable Hangman's fracture- Is anterior only approach sufficient?	<b>Bipul kumar Garg</b>	
	Radiological evaluation of oblique corridor in degenerative lumbar scoliosis	<b>Vatsal Parmar</b>	
	Comparison of Efficacy and Safety of Percutaneous Vesselplasty and Vertebroplasty in Chronic, Non-healing Thoracolumbar Osteoporotic Vertebral Compression Fractures: A Prospective, Comparative Study	<b>Nishank Mehta</b>	
	Safety, efficacy, surgical and radiological outcomes of short segment occipital plate and C1-C2 transarticular screw construct for occipito-cervical instability.	<b>Praveen Goparaju</b>	
	Surgical Management, Microbial Profile, Outcome Parameters and Risk factor Analysis of 56 Patients with Pyogenic Spondylodiscitis – A Single Centre Study of 10 years data	<b>Kushal Ramesh Gohil</b>	

	A prospective comparative study on the outcomes of micro-discectomy between early surgery (within 12 weeks of symptom onset) versus late surgery	<b>Mohammed Rafiq Bhat</b>	
	A Prospective Study to Find Out the Association Between Supine Lying Low Back Pain and Retrolisthesis	<b>Shivakumar A Bali</b>	
	Surgical challenges and functional outcomes in dystrophic cervical kyphosis in Neurofibromatosis -1: An institutional experience	<b>Shrjith MB</b>	
	Minimally invasive oblique lumbar interbody fusion (MIS-OLIF) for degenerative lumbar deformity correction: Is it worth it ?	<b>Aayush Sharma</b>	
	'Are we our own Patients?'- Neck pain in spine surgeons : Prevalence & risk factors.	<b>Hriday Acharya</b>	
	Study of clinical outcome and effectiveness of a novel technique of ultrasound guided lumbar nerve root block for lumbar radiculopathy	<b>Joginath BB</b>	
	Multirod Instrumentation in cervical spine- A novel Surgical Concept	<b>M Abhinandan Reddy N</b>	
	Is only anterior stabilization enough in three column injury of sub-axial cervical spine??- a long term retrospective analysis of 78 patients	<b>Manojkumar Gaddikeri</b>	
<b>3.00pm- 4.10pm</b>	<b>Symposium: Complications in Lumbar Spine Surgery</b>		<b>SK Srivastava, Priyank Patel, Upendra Kumar</b>
<b>3.00pm- 3.08pm</b>	Intraoperative dural tear: What next ?	<b>Sarvdeep Dhatt</b>	
<b>3.08pm- 3.16pm</b>	Salvaging a misplaced pedicle screw	<b>Kshitij Chaudhary</b>	
<b>3.16pm- 3.24pm</b>	Cage backout following PLIF/ TLIF: Prevention & Management	<b>Thomas Kishen</b>	
<b>3.24pm- 3.32pm</b>	Approach to a patient with persistent leg pain following lumbar	<b>Abhishek Srivastava</b>	



	discectomy		
<b>3.32pm- 3.40pm</b>	Postoperative lumbar discitis: Beware !!	<b>Mahesh Bijawar</b>	
<b>3.40pm- 3.48pm</b>	Intraoperative bleeding- Prevention & management	<b>Neeraj Gupta</b>	
<b>3.48pm- 4.10pm</b>	Q & A , changeover time and Concluding remarks		
<b>4.10pm- 4.30pm</b>	<b>Refreshment break</b>		
<b>4.30pm- 5.25pm</b>	<b>Symposium: Thoracolumbar fractures</b>		<b>Sandeep Kesarwani, ML Bansal, Santosh</b>
<b>4.30pm- 4.38pm</b>	Thoracolumbar fractures- a systematic approach to spinal imaging	<b>Gurdip Das</b>	
<b>4.38pm- 4.46pm</b>	An overview of decision making in thoracolumbar fractures	<b>Ankur Nanda</b>	
<b>4.46pm- 4.54pm</b>	Anterior column reconstruction- why, when and what ?	<b>VSP Rao</b>	
<b>4.54pm- 5.02pm</b>	Lower Lumbar burst fractures: A different entity ?	<b>Ajoy Shetty</b>	
<b>5.02pm- 5.10pm</b>	Mechanics of weight transmission in the axial spine & Development of a Spine Stabilization System	<b>VK Sinha</b>	
<b>5.10pm- 5.25pm</b>	Q & A and Concluding remarks		
<b>5.45pm- 7.15pm</b>	<b>General Body Meeting</b>		

**MAIN CONFERENCE PROGRAM**  
**Day - 2 / Saturday, April 30, Hall D**

<b>1.00pm- 2.00pm</b>	<b>Best Poster Session (3 min presentations + 2 mins)</b>
<b>Ravi Ranjan Rai</b>	Post-operative pain and neurological deficit after uneventful lumbar fusion surgery is uncommon but noted, however, there is scarcity of literature.
<b>Nandan Marathe</b>	Craniocervical instability in Ehlers- Danlos syndrome: A systematic review of diagnostic and surgical treatment criteria.
<b>Mohammed Rafiq Bhat</b>	Multiple noncontiguous spinal fractures: Comparison of outcomes between long segment & short segment fixation
<b>Sulaiman Sath</b>	Harms- Goel technique for C1- C2 instability
<b>Kuldeerp Bansal</b>	Transpedicular decompression for Kochs spine
<b>Umesh Meena</b>	Oarm for pedicle screw placement
<b>Rohit Kavishwar</b>	Preasure and temp measurements in patients undergoing single level lumbar fusion
<b>Akash Hosthota</b>	Exploring the indications for circumferential approach in cervical myelopathy.
<b>Harsh Agarwal</b>	Long segment vs shortsegment fixation for TL fractures
<b>Yeshwanth Thonangi</b>	Should Q-CT [Quantitative computed tomography] be the gold standard for detecting spinal osteoporosis?

**MAIN CONFERENCE PROGRAM**

**Day - 3 / Sunday, May 1, Hall A**

		Speakers/ presenters	Case	Moderators/ Chairpersons
6.30am- 7.30am	Ganga Walk			
8.00am- 9.10am	Breakfast Session case based discussion  Panelists: HS Chhabra, Kiran Mukopadhyay, Shah Alam, Manoj Sharma.	Rupinder Chahal, Gautam Prasad		
9.15am- 10.15am	Guest Lectures			Gautam Zaveri, Ankur Nanda, NK Singh
9.15am- 9.30am	Management strategy in surgical site infections	Alexander Vaccaro		
9.30am- 9.35am	Q & A			
9.35am- 9.50am	Current trends in management of spinal metastases	Lawrence Rhines		
9.50am- 9.55am	Q & A			
9.55am- 10.10am	Learning from Complications: To err is human	Mike Grevitt		
10.10am- 10.15am	Q & A			
10.15am- 10.30am	Refreshment Break			

<b>10.30am- 11.25am</b>	<b>Symposium: Neurological complications in spine surgery</b>		<b>Raghav Dutt, Sahil Majid, DK Sinha</b>
<b>10.30am- 10.38am</b>	Neurological complications in spine surgery: Are they under-reported ?	<b>Uday Pawar</b>	
<b>10.38am- 10.46am</b>	Foot drop immediately following lumbar decompression and instrumented fusion: What next ?	<b>Vikas Tandon</b>	
<b>10.46am- 10.54am</b>	Postoperative neurological worsening following ACDF: What do do now ?	<b>Saurabh Kapoor</b>	
<b>10.54am- 11.02am</b>	Intraoperative drop in neuromonitoring signals during scoliosis correction: What should I do next ?	<b>H S Chhabra</b>	
<b>11.02am- 11.10am</b>	Current trends in neuromonitoring	<b>P Upendra</b>	
<b>11.10am- 11.25am</b>	Q & A and Concluding remarks		
<b>11.30am- 12.30pm</b>	<b>Free Paper Session 7 (4 mins + 2 mins X 9)</b>		<b>Sarvdeep Dhatt, Suhail Afzal, Anand Shankar</b>
<b>11.30am- 11.34am</b>	Should 3D Navigation be the standard of care for MIS TLIF?	<b>Ravi Ranjan Rai</b>	
<b>11.34am- 11.38am</b>	Satellite Pedicle Screws – A novel technique of free-hand pedicle insertion in obese patients	<b>Rishi Mugesh Kanna</b>	
<b>11.38am- 11.42am</b>	A prospective study of occurrence of bacteremia during the surgical procedure in pyogenic spondylodiscitis patients	<b>Shivakumar A Bali</b>	
<b>11.42am- 11.46am</b>	Positivity of diagnostic tools in the management of Tuberculous spondylodiscitis –our experience by a retrospective analysis.	<b>Sudheer Kumar Pothu</b>	
<b>11.46am- 11.50am</b>	Video Assisted Thoracoscopic Spine Fixation in Thoracic Spinal Pathologies provides higher satisfaction rate at a minimum of 2-year follow-up.	<b>Swaroop Patel</b>	
<b>11.50am- 11.54am</b>	Can a three column bony chance fracture be treated conservatively in	<b>Shamin Ahmad Bhat</b>	

	neurologically intact patients?		
<b>11.54am- 11.58am</b>	Incidence of adverse events in patients of traumatic spine injuries treated at Level 1 Trauma Centre of a designated COVID Hospital- Is there any difference in Pre-COVID and COVID era?	<b>Shivendra Kumar Sinha</b>	
<b>11.58am- 12.02am</b>	A two-year outcomes and complications of various techniques of lumbar discectomy; A multicentric retrospective study.	<b>Praveen Goparaju</b>	
<b>12.02am- 12.06am</b>	A two-year outcomes and complications of various techniques of lumbar discectomy; A multicentric retrospective study	<b>Pritem A Rajamani</b>	
<b>12.06am- 12.25am</b>	Q & A		
<b>12.30pm- 1.00pm</b>	<b>Validictory Function</b>		
<b>1.00pm</b>	<b>Lunch</b>		

**MAIN CONFERENCE PROGRAM**

**Day - 3 / Sunday, May 1, Hall B**

		Speakers/ presenters	Case	Moderators/ Chairpersons
6.30am- 7.30am	Yoga/Ganga Walk			
8.00am- 9.10am	<b>Breakfast Session: Case based panel discussion</b>  <b>Panelists:</b> Saumyajit Basu, Suresh Pillai, Suraj Bajracharya, Vikash Shankar	<b>Ketan Badani, Sailesh Hadgaonkar</b>		
9.15am- 10.10am	<b>Symposium: Day school in Musculoskeletal Radiology</b>			<b>Janardhan Aithala, Jitender Rout, Amulya K Singh</b>
9.15am- 9.23am	PET-CT or MRI for determing endpoint of treatment in infective spondylodiscitis	<b>S Karunakaran</b>		
9.23am- 9.31am	Understanding MRI sequences beyond T1- T2	<b>Rishi Kanna</b>		
9.31am- 9.39am	Functional MRI- utility and applications	<b>Bharat Dave</b>		
9.39am- 9.47am	qCT or DEXA scans- which is better for assessing osteoporosis?	<b>ML Bansal</b>		
9.47am- 9.55am	Monitoring antiosteoporotic therapy- Bone turnover markers/ DEXA/ Clinical ??	<b>Subir Jhaveri</b>		
9.55am- 10.10am	Q & A and Concluding remarks			
10.15am- 10.30am	<b>Refreshment Break</b>			

10.30am- 11.25am	<b>Joint Session with Korean Spine Society</b>		<b>Shankar Acharya, Madan Mohan Sahoo, Pres KSS, Pankaj</b>
10.30am- 10.38am	Vertebroplasty Revisited: Extending indications and Control of Complications	<b>Bong-Soon Chang</b>	
10.38am- 10.46am	Characteristics of L1 slope as thoracolumbar sagittal parameter of degenerative spondylosis	<b>Yong-Soo Choi</b>	
10.46am- 10.54am	Current controversies in surgical technique of ACDF	<b>Jae Jun Yang</b>	
10.54am- 11.02am	Kyphosis correction in the cervical spine	<b>Kyung-Soo Suk</b>	
11.02am- 11.10am	Preoperative motion analysis to identify Risk factors for acute PJK after surgery for correction of adult spine deformity:	<b>Ho Joong Kim</b>	
11.10am- 11.18am	The usefulness of multiple crack osteotomy in revision scoliosis surgery	<b>Jae Hyuk Yang</b>	
11.18am- 11.25am	Q & A and Concluding remarks		
11.30am- 12.30pm	<b>Free Paper Session 8 (4mins + 2 mins X 9)</b>		<b>S Gururaj, Raju Iyengar, Anil Ram</b>
11.30am- 11.34am	Cervical Transforaminal Epidural Steroid Injection As A Management Option In Cervical Radicular Pain	<b>Amlan Singh</b>	
11.34am- 11.38am	A Correlation between Lumbar canal dimensions as measured in MRI and clinical severity in lumbar canal stenosis.	<b>Nishaanth</b>	
11.38am- 11.42am	The value of repeat MRI in surgical decision making in the degenerative cervical spine	<b>Paulson C Mathew</b>	
11.42am- 11.46am	Management of Aggressive vertebral hemangiomas with Angiography & vertebroplasty – a single center experience	<b>G Ramachandran</b>	
11.46am- 11.50am	Transpedicular Cageplasty for Osteoporotic Vertebral Compression Fractures	<b>Waliullah Shah</b>	
11.50am- 11.54am	Outcome of empirical antimicrobial therapy in spinal infections with	<b>Sujith VV</b>	



	negative microbiological diagnosis		
<b>11.54am- 11.58am</b>	Spinal Infections	<b>Alok Moogali</b>	
<b>11.58am- 12.02am</b>	Acceptance of endoscopic spine surgery in rural sector of India: A retrospective study of 8 years for more than 500 patients	<b>Kiran Jayaswal</b>	
<b>12.02am- 12.06am</b>	Clinico-Radiological Results of Anterior Surgery for Multilevel Cervical Spondylotic Myelopathy	<b>Arvind Kumar</b>	
<b>12.06am- 12.25am</b>	Q & A		
<b>1.00pm</b>	<b>Lunch</b>		

**POST CONFERENCE WORKSHOPS**

**Day - 3 / Sunday, May 1, Hall A**

<b>1.00 pm- 4.30 pm</b>	<b>Workshop no 5: Minimally invasive spine surgery (Paras hospital, Patna)</b>
	<b>Convener:</b> Gautam Prasad
	<b>Faculty:</b> Amit Jhala, Ayush Sharma, Pramod Lokhande, Arun Bhanot, Sukumar Sura