



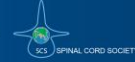
**ASSI Combined**  
Instructional Course in Spine  
Live Spine Surgery Course

**Degenerative Spine: Basic to advanced management**

**August 27 to 29, 2021**

Organized by Spinal Cord Society & Indian Spinal Injuries Centre

ASSI  
ASSOCIATION OF  
SPINE SURGEONS  
OF INDIA



ICS  
INSTRUCTIONAL  
COURSE IN SPINE

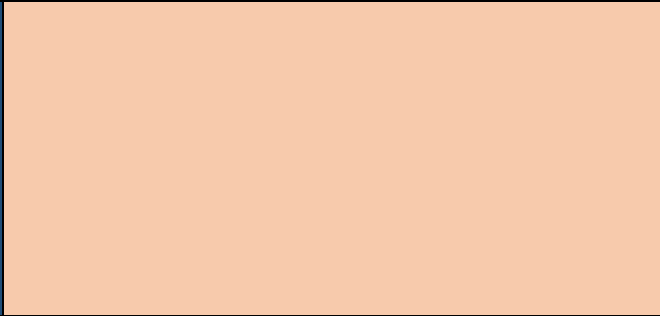


## SCIENTIFIC PROGRAM

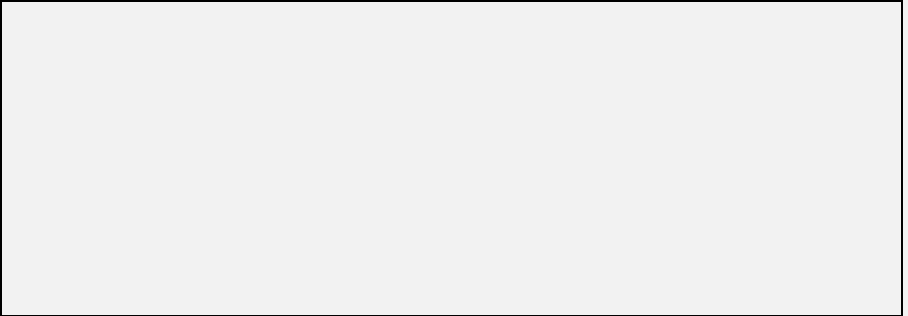
**DAY 1 - 27 AUGUST 2021**

TIME (IST)	TOPIC	MODERATORS / PANELISTS / SPEAKERS	TOPIC	MODERATORS / PANELISTS / SPEAKERS
	HALL A		HALL B	
<b>SESSION I</b>			<b>SESSION VI</b>	
08:00AM – 08:55AM	MASTERCLASS - MISS USING TUBULAR RETRACTORS FOR DEGENERATIVE SPONDYLOLISTHESIS WITH STENOSIS	<b>MODERATORS:</b> DR SATYEN MEHTA, DR RAVI VENKATESAN	MASTERCLASS - COMPLICATIONS IN CERVICAL SPINE SURGERY	<b>MODERATORS:</b> DR SAJESH MENON, DR RAGHVENDRA S
08:00AM – 08:08AM	SETTING UP THE OT FOR MISS	DR PUNEET GIRDHAR	INTRAOPERATIVE DURAL TEAR DURING ANTERIOR CERVICAL DECOMPRESSION	DR SACHIN BORKAR
08:08AM – 08:16AM	DOCKING THE TUBE: TIPS AND TRICKS	DR ARVIND KULKARNI	VERTEBRAL ARTERY INJURY DURING ANTERIOR CERVICAL DECOMPRESSION	DR RISHI KANNA
08:16AM – 08:24AM	AVOIDING COMPLICATIONS DURING PERCUTANEOUS PEDICLE SCREW INSERTION	DR RANJITH UNNIKRIISHNAN	LOSS OF FIXATION IN ANTERIOR CERVICAL SPINE	DR THOMAS KISHEN
08:24AM – 08:32AM	LUMBAR CANAL DECOMPRESSION THROUGH THE TUBE - TECHNIQUE, PEARLS & PITFALLS	DR UMESH SHIRKANTA	DISTAL JUNCTIONAL FAILURE: SHOULD LONG POSTERIOR CERVICAL FIXATIONS STOP AT C7 ?	DR DONG HO LEE
08:32AM – 08:40AM	FUSION THROUGH THE TUBE - TIPS & TRICKS	DR AMIT JHALA	NEUROLOGIC DEFICIT FOLLOWING DECOMPRESSION FOR CERVICAL MYELOPATHY: IS INTRAOPERATIVE NEUROMONITORING USEFUL?	DR S K SRIVASTAVA
08:40AM – 08:48AM	MULTILEVEL TLIF - TECHNIQUE, PEARLS & PITFALLS	DR VISHAL KUNDNANI	POST LAMINECTOMY CERVICAL KYPHOSIS	DR KUNIYOSHI ABUMI
08:48AM – 08:55AM	Q & A AND CONCLUDING REMARKS		Q & A AND CONCLUDING REMARKS	
<b>SESSION II</b>			<b>SESSION VII</b>	
09:00AM – 09:55AM	<b>PRESENTATION OF SURGICAL CASES</b> <b>SURGEONS:</b> DR HS CHHABRA, DR SHANKAR ACHARYA, DR KALIDUTTA DAS & DR BHAVUK GARG	<b>MODERATORS:</b> DR SUMIT SINHA, DR ML BANSAL, GURURAJ M	<b>PRESENTATION OF SURGICAL CASES</b>	<b>TO BE RELAYED FROM HALL A</b>
10:00AM – 12:00PM	<b>LIVE SURGERY 1 - ROBOTIC POST TRAUMATIC DEFORMITY CORRECTION</b> <b>SURGEON: DR HS CHHABRA &amp; DR ABHINANDAN REDDY</b>	<b>MODERATORS:</b> DR SAHEEL MAJID, DR VISHAL PESHATTIWAR, DR B MOHAPTRA	<b>LIVE SURGERY 2 - DORSAL MYELOPATHY</b> <b>SURGEON: DR KALIDUTTA DAS &amp; DR VIKAS TANDON</b>	<b>MODERATORS:</b> DR TARUN SURI, DR TARUSH RUSTAGI, SRINIVAS MOOLYA
<b>SESSION III</b>			<b>SESSION VIII</b>	
12:00PM – 12:55PM	<b>INTERACTIVE CASE BASED PANEL DISCUSSION - DEGENERATIVE THORACIC MYELOPATHY</b>	<b>MODERATOR:</b> DR BHARAT DAVE	<b>INTERACTIVE CASEBASED PANEL DISCUSSION - SPONDYLOLYSIS &amp; SPONDYLOLISTHESIS</b>	<b>MODERATOR:</b> DR RAM CHADDHA
	<b>CASE 1 - ACUTE THORACIC SOFT DISC HERNIATION</b>	<b>PANELISTS:</b> DR JONG BEOM PARK, DR RAGHAV	<b>CASE 1 - 17Y BOY WITH ACUTE BACK PAIN- ACUTE SPONDYLOLYSIS</b>	<b>PANELISTS:</b> DR CC WONG, DR ABRAR AHMED, DR
	<b>CASE 2 - LARGE CALCIFIED THORACIC DISC</b>			
<b>CASE 3 - THORACIC OPLL</b>				

		DUTT, DR PANKAJ KANDWAL, DR VIKAS TANDON, DR G BALAMURLI	<b>CASE 2</b> - LOW GRADE MOBILE LYTIC LISTHESIS IN 25YEAR OLD WITH ONLY BACK PAIN <b>CASE 3</b> - LOW GRADE FIXED LYTIC LISTHESIS IN 65YEAR OLD WITH ONLY BACK PAIN <b>CASE 4</b> - HIGH GRADE SPONDYLOLISTHESIS	NEERAJ GUPTA, DR AJAY KRISHNAN, DR SURESH PILLAI
<b>SESSION IV</b>			<b>SESSION IX</b>	
01:00PM – 03:00PM	<b>LIVE SURGERY 3 – CONGENITAL KYPHOSIS</b> <b>SURGEON: DR BHAVUK GARG &amp; DR GURURAJ M</b>	<b>MODERATORS:</b> DR MANISH CHADDHA, DR AGNIVESH TIKOO, DR GURURAJ M	<b>LIVE SURGERY 4 – LUMBAR CANAL STENOSIS WITH RECURRENT PIVD</b> <b>SURGEON: SHANKAR ACHARYA &amp; BIBHUDENDU MOHAPATRA</b>	<b>MODERATORS:</b> DR ARVIND BHAVE, DR ABHISHEK KASHYAP, DR RAJAT MAHAJAN
<b>SESSION V</b>				
05:30PM – 09:00PM (09:00PM – 12:30AM TOKYO TIME)	<b>COMBINED SESSION WITH THE JAPANESE SOCIETY FOR SPINE SURGERY AND RELATED RESEARCH (JSSR)</b>			
05:30PM – 05:35PM	WELCOME & INTRODUCTION	DR RUPINDER CHAHAL		
05:38PM – 05:45PM	HISTORY OF ASSI & OVERVIEW OF ITS PROJECTS	DR SHANKAR ACHARYA		
05:48PM – 05:55PM	HISTORY OF JSSR & OPPORTUNITIES FOR COLLABORATION	<b>PRESIDENT JSSR:</b> DR YUKIHIRO MATSUYAMA		
06:00PM – 07:50PM	SESSION I			
06:00PM - 06:12PM	MODERN IMAGING MODALITIES AND TESTS FOR CERVICAL MYELOPATHY	DR SHANKAR ACHARYA		
06:12PM - 06:17PM	Q & A			
06:17PM - 06:29PM	CURRENT UNDERSTANDING FOR MANAGEMENT OF CERVICAL OPLL : WHEN, WHAT AND HOW	DR MASAHIKO TAKAHATA		
06:29PM - 06:34PM	Q & A			
06:34PM - 06:46PM	DECISION MAKING AND SURGICAL STRATEGY IN CERVICAL DEFORMITIES	DR JUN MIZUTANI		
06:46PM - 06:51PM	Q & A			
06:51PM - 07:03PM	DEGENERATIVE CERVICAL MYELOPATHY: IMPORTANCE OF VARIOUS RADIOLOGICAL PARAMETERS AND DECIDING LEVELS OF FIXATION IN POSTERIOR CERVICAL FUSIONS	DR HS CHHABRA		
07:03PM - 07:08PM	Q & A			
07:08PM - 07:20PM	CERVICAL PEDICLE SCREWS: TECHNIQUES, PEARLS AND PITFALLS	DR HIROAKI NAKASHIMA		
07:20PM - 07:25PM	Q & A			
07:25PM - 07:37PM	ENHANCING POSTOPERATIVE FUNCTIONAL AND SURGICAL OUTCOMES IN ELDERLY POPULATION.	DR YOSHIHARU KAWAGUCHI		
07:37PM - 07:42PM	Q & A			
	SESSION II			
07:50PM – 09:00PM	INTERACTIVE CASE BASED PANEL DISCUSSION: DEGENERATIVE CERVICAL MYELOPATHY (4/5 CASES)	<b>MODERATOR:</b> DR MANABU ITO, DR SAMIR DALVIE <b>PANELISTS:</b>		



**JSSR PANELIST:**  
DR MASAHIKO  
TAKAHATA, DR JUN  
MIZUTANI, DR  
HIROAKI NAKASHIMA,  
DR YOSHIHARU  
KAWAGUCHI  
**INDIAN PANELIST:**  
DR VIJAY KUMAR  
GOMATAM, DR MIHIR  
BAPAT, DR UPENDRA  
BIDRE





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**DAY 2**

**28 AUGUST 2021**

TIME (IST)	TOPIC	MODERATORS / PANELISTS / SPEAKERS	TOPIC	MODERATORS / PANELISTS / SPEAKERS
	HALL A		HALL B	
SESSION X			SESSION XVI	
08:00AM – 08:55AM	MASTERCLASS - CERVICAL DISC REPLACEMENT (CDR)	<b>MODERATORS:</b> DR ANAND NAIK, DR HITESH MODI	MASTERCLASS - DEGENERATIVE SCOLIOSIS	<b>MODERATORS:</b> DR DHIRAJ SONAWANE
08:00AM – 08:08AM	TDR VERSUS ACDF: IS OLD STILL GOLD??	DR BIPIN WALIA	UNDERSTANDING PELVIC PARAMETERS: HOW STRINGENT, HOW LENIENT?	DR BHAVUK GARG
08:08AM – 08:16AM	BULL'S EYE- SELECTING THE IDEAL PATIENT FOR SINGLE/ MULTILEVEL CDR	DR JORG FRANKE	CLASSIFICATION AND UNDERSTANDING OUTCOME MEASURES: WHO NEEDS SURGERY?	DR S RAJASEKARAN
08:16AM – 08:24AM	THE ASTUTE JEWELER- CHOOSING THE BEST CDR FOR YOUR PATIENT	DR GABRIEL LIU	PLANNING: NO METAL, LESS METAL, ALL METAL?	DR SIGURD BERVEN
08:24AM – 08:32AM	THE MASTER TECHNICIAN- SINGLE LEVEL CDR- TECHNIQUE, PEARLS & PITFALLS	DR KALIDUTTA DAS	OUTLINE OF SURGICAL OPTIONS: APPROACH AND EXECUTION	DR ASHISH DIWAN
08:32AM – 08:40AM	THE DAY AFTER- COMPLICATIONS OF CDR- IS CDR AS SAFE AS IT IS TOUTED?	DR CHARLES LE HUEC	TYPES OF OSTEOTOMIES : WHEN, WHERE AND HOW	DR SAJAN HEGDE
08:40AM – 08:48AM	THE ETERNAL QUESTION- DO WE NEED INDIAN STANDARDS FOR CERVICAL DISC IMPLANTS? DOES ONE SIZE FIT ALL	DR AMRITHAL A. MASCARENHAS	OBLIQUE LATERAL APPROACH: PEARLS OF WISDOM AND POTENTIAL PITFALLS	DR NEIL ANAND
08:48AM – 08:55AM	Q & A WITH CONCLUDING REMARKS		Q & A, CONCLUDING REMARKS	
SESSION XI			SESSION XVII	
09:00AM – 09:55AM	<b>PRESENTATION OF SURGICAL CASES</b> <b>SURGEONS:</b> DR ATUL GOEL, DR SAUMYAJIT BASU, DR GAUTAM ZAVERI & DR BHARAT DAVE	<b>MODERATORS:</b> DR PRASHANT KEKRE, DR UJJWAL DEBNATH, DR VISHNU PRASATH,	<b>PRESENTATION OF SURGICAL CASES</b>	<b>RELAYED FROM HALL A</b>
10:00AM – 12:00PM	<b>LIVE SURGERY 5 - SCOLIOSIS (AIS) CORRECTION</b> <b>SURGEON: DR SAUMYAJIT BASU &amp; DR ANKUR NANDA</b>	<b>MODERATORS:</b> DR MURALIDHARAN VENKATESAN, DR ASHISH JAISWAL, DR SARANSH GUPTA	<b>LIVE SURGERY 6 - TRANS-PEDICULAR DECOMPRESSION &amp; FIXATION</b> <b>SURGEON: GAUTAM ZAVERI &amp; RAJAT MAHAJAN</b>	<b>MODERATORS:</b> DR MANOJ SINGRAKHIA, DR SANDEEP KESHARWANI, DR ML BANSAL
SESSION XII			SESSION XVIII	
12:00PM – 12:55PM	<b>INTERACTIVE CASE BASED PANEL DISCUSSION- FAILED BACK SYNDROME</b>	<b>MODERATOR:</b> DR ABHAY NENE	<b>INTERACTIVE CASEBASED PANEL DISCUSSION- COMPLEX LUMBAR CANAL STENOSIS</b>	<b>MODERATOR:</b> DR SHAILESH HADGAONKAR
	<b>CASE 1 - PERSISTENT LEG PAIN FOLLOWING MICROLUMBAR DISCECTOMY</b> <b>CASE 2 - SEVERE LEG PAIN FOLLOWING INSTRUMENTED LUMBAR FUSION</b>	<b>PANELISTS:</b> DR JWALANT MEHTA, DR ARVIND JAYASWAL, DR TARUSH RUSTAGI, DR	<b>CASE 1 - SEVERE LEG PAIN, DIFFICULTY IN WALKING- SPINE/ KNEE?</b> <b>CASE 2 - TANDEM STENOSIS</b> <b>CASE 3 - LCS WITH FACET TROPISM</b> <b>CASE 4 - LCS WITH FACET JOINT CYST</b>	<b>PANELISTS:</b> DR ASHISH DIWAN, DR RUSHAMA TANDON, DR RAJAT MAHAJAN, DR

	<b>CASE 3</b> - RECURRENT BACK PAIN/ CLAUDICATION SEVERAL YEARS FOLLOWING LUMBAR DECOMPRESSION <b>CASE 4</b> - RECURRENT DISC HERNIATION	GURURAJ M, DR RAJKUMAR DESHPANDEY	<b>CASE 5</b> - ACHONDROPLASIA WITH MULTILEVEL LCS <b>CASE 6</b> - MULTILEVEL STENOSIS WITH FLAT BACK	MANOJ SHARMA, DR APPAJI KRISHNAN
<b>SESSION XIII</b>			<b>SESSION XIX</b>	
01:00PM – 03:00PM	<b>LIVE SURGERY 7 – CERVICAL MYELOPATHY</b> <b>SURGEON: DR ATUL GOEL &amp; DR TARUSH RUSTAGI</b>	<b>MODERATORS:</b> DR VIKAS TANDON, DR VAMSEE KRISHNA, DR LALIT SHARMA	<b>LIVE SURGERY 8 – LUMBO-PELVIC FIXATION (O-ARM ASSISTED)</b> <b>SURGEON: DR BHARAT DAVE &amp; DR RUPINDER CHAHAL</b>	<b>MODERATORS:</b> DR FEROZE ALI, DR VARUN AGGARWAL, DR ARUN SHARMA
<b>SESSION XIV</b>				
03:30PM – 04:30PM	<b>GENERAL BODY MEETING</b>			
<b>SESSION XV</b>				
05:30PM – 09:00PM (8AM - 11.30AM TORONTO TIME)	<b>COMBINED SESSION WITH CANADIAN SPINE SOCIETY</b>			
05:30PM – 05:35PM	WELCOME & INTRODUCTION	DR GAUTAM ZAVERI		
05:38PM – 05:45PM	HISTORY OF ASSI & OVERVIEW OF ITS PROJECTS	DR SHANKAR ACHARYA		
05:48PM – 05:55PM	CSS HISTORY & OPPORTUNITIES FOR COLLABORATION	DR HAMILTON HALL		
06:00PM – 07:50PM	SESSION I			
06:00PM – 06:12PM	LECTURE: SURGERY FOR CERVICOTHORACIC DEFORMITY IN CHILDREN	DR AJOY SHETTY		
06:12PM – 06:17PM	Q & A			
06:17PM – 06:29PM	NEUROLOGICAL OUTCOMES FOLLOWING SURGERY FOR COMPLEX ADULT SPINE DEFORMITY- RESULTS OF THE SCOLI-RISK-1 STUDY?	DR STEPHEN LEWIS		
06:29PM – 06:34PM	Q & A			
06:34PM – 06:46PM	MODIFIED LUQUE TROLLY FOR EARLY ONSET SCOLIOSIS	DR JEAN OUELETT		
06:46PM – 06:51PM	Q & A			
06:51PM – 07:03PM	SURGERY FOR SCOLIOSIS WITH NF : TECHNIQUES, PEARLS AND PITFALLS	DR SAUMYAJIT BASU		
07:03PM – 07:08PM	Q & A			
07:08PM – 07:20PM	CLINICAL PRACTICE GUIDELINES FOR MANAGEMENT OF ACUTE SCI	DR SEAN CHRISTIE		
07:20PM – 07:25PM	Q & A			
07:25PM – 07:37PM	LESS INVASIVE MANAGEMENT OF SPINAL STENOSIS AND DEGENERATIVE SPONDYLOLISTHESIS	DR MICHAEL FORD		
07:37PM – 07:42PM	Q & A			
SESSION II				
07:50PM – 09:00PM	INTERACTIVE CASE BASED PANEL DISCUSSION: METASTATIC SPINAL TUMORS	<b>MODERATOR:</b> DR GAUTAM ZAVERI / DR JEREMIE LAROUCHE		
		<b>PANELISTS:</b> DR JOEL FINKELSTEIN, DR RAPHAELE CHAREST MORIN, DR ALBERT YEE, DR NARESH KUMAR, DR K VENKATESH, DR NARESH BABU		



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In Collaboration with



**DAY 3**

**29 AUGUST 2021**

TIME (IST)	TOPIC	MODERATORS / PANELISTS / SPEAKERS	TOPIC	MODERATORS / PANELISTS / SPEAKERS
	HALL A		HALL B	
SESSION XX			SESSION XXIV	
08:00AM – 08:55AM	MASTERCLASS- THE CERVICOTHORACIC JUNCTION	<b>MODERATORS:</b> DR SIVA KUMAR, DR KETAN BADANI	MASTERCLASS- SURGICAL RADIOLOGY	<b>MODERATORS:</b> DR SARVDEEP DHATT, DR V SURYA PRAKASH RAO
08:00AM – 08:08AM	SURGICAL ANATOMY OF THE CERVICOTHORACIC JUNCTION	DR SUBIR JHAVERI	PLANNING THE OLIF AND DLIF WORKING CORRIDOR ON MRI	DR RICHARD HYNES
08:08AM – 08:16AM	BIOMECHANICS OF THE CERVICOTHORACIC JUNCTION	DR KARTHIK KAILASH	DIFFERENTIATING MODIC / PYOGENIC/ TUBERCULAR INFECTIONS ON MRI	DR KENNY DAVID
08:16AM – 08:24AM	C7- T1 DISC PROLAPSE: CLINICAL FEATURES, MANAGEMENT & OUTCOMES	DR NIRAJ VASAVADA	CALCULATING DESIRED LUMBAR LORDOSIS IN ADULT DEGENERATIVE DEFORMITY – HOW MUCH IS SUFFICIENT?	DR JOE LOMBARDI
08:24AM – 08:32AM	VIDEO: ANTERIOR APPROACH TO THE CERVICOTHORACIC SPINE: TIPS AND TRICKS	DR CHARANJIT DHILLON	TRANSFORAMINAL ENDOSCOPIC APPROACH: PLANNING THE TRAJECTORY	DR GIRISH DATAR
08:32AM – 08:40AM	VIDEO: POSTERIOR INSTRUMENTATION AT THE CERVICOTHORACIC JUNCTION- TIPS AND TRICKS	DR SATISH RUDRAPA	TRACKING THE VERTEBRAL ARTERY – SAFE CORRIDORS	DR KSHITIJ CHAUDHARY
08:40AM – 08:48AM	VIDEO: TRANSPEDICULAR APPROACH IN THE UPPER THORACIC SPINE: TIPS AND TRICKS	DR SANDEEP SONONE	DECODING THE CV JUNCTION AND STRATEGY PLANNING	DR SARAT CHANDRA
08:48AM – 08:55AM	Q & A AND CONCLUDING REMARKS		Q & A AND CONCLUDING REMARKS	
SESSION XXI			SESSION XXV	
09:00AM – 09:55AM	<b>PRESENTATION OF SURGICAL CASES</b> <b>SURGEONS:</b> SAJAN HEGDE, ARVIND KULKARNI & UMESH SRIKANTHA	<b>PANELISTS:</b> DR KAMRAN FAROOQUE, DR SANJAY RAJAN, DR AMITAVA BISWAS	<b>PRESENTATION OF SURGICAL CASES</b>	<b>TO BE RELAYED FROM HALL A</b>
10:00AM – 12:00PM	<b>LIVE SURGERY 9 - ROBOTIC SURGERY</b> <b>SURGEON: SAJAN HEGDE</b>	<b>MODERATORS:</b> DR VIJAY KAMATH, DR GURUDIP DAS, DR VINEET VARGHESE	<b>LIVE SURGERY 10 - MICRODISCECTOMY</b> <b>SURGEON: ARVIND KULKARNI &amp; SARANSH GUPTA</b>	<b>MODERATORS:</b> DR PREM K NAGAD, DR AJU BOSCO, DR ANKUR NANDA
SESSION XXII			SESSION XXVI	
12:00PM – 12:55PM	INTERACTIVE CASE BASED PANEL DISCUSSION- IS FUSION THE ULTIMATE ANSWER	<b>MODERATOR:</b> DR ANKUR NANDA	INTERACTIVE CASE BASED PANEL DISCUSSION- LUMBAR DISC HERNIATION	<b>MODERATOR:</b> RUPINDER CHAHAL
	<b>CASE 1:</b> PERSISTENT BACK PAIN AFTER FUSION <b>CASE 2:</b> ADJACENT SEGMENT DEGENERATION <b>CASE 3:</b> PJK <b>CASE 4:</b> DJK	<b>PANELISTS:</b> DR KOTA WATANABE, DR MAHESHA, DR AYUSH SHARMA, DR ABHISHEK SRIVASTAVA, DR KARTHIK YELAMARTHY	<b>CASE 1:</b> LARGE CENTRAL DISC HERNIATION IN A YOUNG ACTIVE MALE <b>CASE 2:</b> RECURRENT DISC HERNIATION <b>CASE 3:</b> MULTILEVEL PIVD <b>CASE 4:</b> CALCIFIED DISC	<b>PANELISTS:</b> DR NARESH KUMAR, DR MOHINDER KAUSHAL, DR DHRUVIN PATEL, DR BIBHUDENDU

				MOHAPATRA, DR CHIRAYU PAMECHA
SESSION XXIII			SESSION XXVII	
01:00PM – 03:00PM	<b>LIVE SURGERY 11 - MIS TLIF</b> <b>SURGEON: UMESH SRIKANTHA &amp; NEERAJ GUPTA</b>	<b>MODERATORS:</b> DR SANDEEP SINGH, DR SHAH WALLIULLAH, DR ML BANSAL, DR KALYAN VARMA	<b>LIVE SURGERY 12 – TO BE DECIDED</b>	<b>MODERATORS:</b> DR TANKESHWAR BARUAH, DR PRIYANK PATEL, DR ABHINANDAN REDDY