

WORKSHOP 1: 0800-1000HRS (IST) - HALL A

Neural control of respiratory muscles and methods to improve their function after cervical spinal cord injury / SCI - Respiration

Chairperson: Dr Anthony Di Marco

TIME	TOPIC	FACULTY / SPEAKER
0800-0815	Neural mechanism of respiration	Ms Rimsha Siddiqui
0815-0830	IMT as a combination therapy for respiratory muscle training	Dr Bonne Lee / Ms Rimsha Siddiqui / Ms Shambhovi Mitra
0830-0845	Current practices and challenges in Respiratory Rehabilitation	Ms Shambhovi Mitra
0845-0900	Respiratory complications of cervical spinal cord injury – Practical concerns	Dr (Col) Vijay Dutta
0900-0930	Recent advances/development in restoring respiratory muscle function in subjects with Cervical spinal cord injury	Dr Anthony & team
0930-1000	Future Directions: High frequency spinal cord stimulation to restore cough in spinal cord injury	Dr Kris Kowalski

WORKSHOP 2: 1015-1300HRS (IST) – HALL B

Nurses

Chairperson: Ms. Neetu Maitra

TIME	TOPIC	FACULTY / SPEAKER
1015-1030	An Overview: Spinal cord injury – nursing perspective	Ms Neetu Maitra
1030-1045	Respiratory Management following non traumatic SCI	Dr (Col) Vijay Dutta
1045-1100	Pressure injuries associated with SCI : Current practices and new modalities of management	Dr Martin Danhauser
1100-1115	Role of a nurse in facilitating healthy sexuality in patients with spinal cord injury	Dr J J Wyndaele
1115-1130	Essential role of the rehabilitation nurses in facilitating care transition	Ms Rebecca Phillip
1130-1145	BREAK	
1145-1200	Urology Management following SCI	Ms Natasha Roberts
1200-1215	Preventing and Managing Complications in SCI patients (nursing perspective)	Ms Richa Sharma
1215-1230	Impact of Telenursing during chronic phase of SCI care	Ms Ipsita Shee
1230-1245	Psychological management of SCI – Role of a nurse	Dr Shanu Shrivastav
1445-1300	Progressive protocol in the bowel management of SCI	Ms Vandana
1245-1255	Discussion	
1255-1300	Valedictory Session	

WORKSHOP 3: 1000-1300HRS (IST) – HALL C

Telemedicine: Past Present and Future

TIME	TOPIC	FACULTY / SPEAKER
	Welcome and Introduction	Ms Nishu Tyagi, Dr Shakti Goel
1000-1035	Session 1: Past and Present Telemedicine Chairperson: Dr Ashvini Goel, President TSI	
1000-1010	Introducing TSI: The Torchbearer for Telehealth in India	Dr. P K Pradhan, Professor, SGPGI Lucknow (Nodal Officer Telemedicine)
1010-1025	Telemedicine in the 'New Normal': Dealing with the Pandemic	Dr. Ashvini Goel, President TSI
1025-1035	Discussion	
1035-1125	Session 2: Functionality of Telemedicine Chairperson: Dr Meenu Singh, Vice President TSI	
1035-1045	Telemedicine and Telehealth: Lets differentiate	Dr. Sunil Sharma, ISIC
1045-1055	Telemedicine Pros and Cons	Dr Meenu Singh, Vice President TSI
1055-1105	Setting Up Telemedicine Practice: DIY	Mayank Agarwal
1105-1115	Types of Telemedicine	Dr. Carl, Clinical Associate Professor, University of Phillipines, Manila
1115-1125	Discussion	
1125-1120	Session 3: Telemedicine in Hospitals Chairperson: Mr Virender Kumar, Ex-Director, DECU, ISRO	
1125-1140	Telemedicine Practice Guidelines: An Overview	Advocate Bagmisikha Puhan
1140-1150	Telemedicine, Government Schemes	Mr Virender Kumar, Ex-Director, DECU, ISRO
1150-1200	Telemedicine and how the COVID-19 pandemic has changed its course	Dr Sheila John
1200-1210	Telemedicine barriers, ethics and regulations	Dr Sunil Shroff Chennai
1210-1220	Discussion	
1220-1250	Session 4: Open House: Sustainability with Telemedicine for SCI consumers: Means and ways Moderator: Ms. Nishu Tyagi, Executive Member, TSI Panelist: Mr Shivjeet Singh, Dr Sunil Shroff, Dr PK Pradhan, Dr Meenu Singh, Advocate Bhagmisikha Puhan, Dr Shakti Goel	
1250-1300	Valedictory	

INAUGURATION – HALL A

0230-0300	Chief Guest – Shri Amitabh Kant, CEO Niti Ayog Guest of Honour – Prof Ruth Marshall, President International Spinal Society
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WORKSHOP 4: 1800 - 2000HRS (IST) – HALL A**“Electrical Control of Bladder and Bowel Care after SCI” / SCI - Bladder****Chairperson:** Dr Graham Creasey**1800 - 1900hrs Current Clinical Techniques**

Review of sacral anterior root stimulation and its outcomes
 Surgical techniques – advantages and disadvantages of each

- Intradural electrodes and intradural rhizotomy
- Extradural electrodes and extradural rhizotomy
- Practical details for introducing this treatment

SHORT BREAK**1900 - 2000hrs Current Research in Progress**

Alternatives to rhizotomy
 Neuromodulation of bladder hyper-reflexia
 Electrical block of sphincter hyper-reflexia
 Alternative implantation techniques
 Minimally invasive electrodes
 Developments for the Finetech System

WORKSHOP 5: 2000 - 2200HRS (IST) – HALL A**Epidural Stimulation**

TIME	TOPIC	FACULTY / SPEAKER
2000-2020	Electrophysiological evidence of mechanisms underlying spinal stimulation	Dr Peter Grahn, PhD
2020-2040	EMG guided placement of epidural electrodes	Dr Peter Grahn, PhD
2040-2050	Discussion	
2050-2110	ES optimization during task specific rehabilitation for individuals with motor complete SCI	Dr Megan Gill, DPT
2110-2130	The impact of rehabilitation strategies on motor performance during ES enabled stepping on a treadmill	Dr Megan Gill, DPT
2130-2140	Discussion	
2140-2155	Recovery of motor function of lower limb by Epidural Stimulation after Spinal Cord Injury: A pilot clinical study at Indian Spinal Injuries Centre	Dr H S Chhabra
2155-2200	Discussion	

0800-1200 Workshops

WORKSHOP 6: 0800 -1000HRS (IST) (SURGEONS) – HALL A

Non traumatic Cervical Myelopathy / Surgeons

Chairperson: Dr Raghav Dutt & Dr B Mohapatra

TIME	TOPIC	FACULTY / SPEAKER
0800-0810	Comparison of outcomes between people with and without central cord syndrome;	Dr Rainer Abel
0810-0820	Predictors of Return to Normal Neurological Function After Surgery for Moderate and Severe Degenerative Cervical Myelopathy	Dr M Fehlings
0820-0830	Dynamic MRI in cervical myelopathy	Dr Sait Naderi
0830-0840	Motion preservation surgeries in cervical myelopathy	Dr Sudhir Dubey
0840-0850	Should preventive surgery be done also in patients with early DCM?	Dr HS Chhabra
0850-0900	Management of cervical myelopathy in inflammatory disorder	Dr Wee Fu Tan
0900-0915	Discussion	
0915-1000	<p>Panel discussion Topic - Importance of sagittal balance of cervical spine and its influence on approach to cervical myelopathy</p>	<p>Moderator - Dr Ranjit Unikrishnan Panelists - Dr Saumyajit Basu, Dr Amish Sanghvi, Dr Gururaj S, Dr CS Dhillon, Dr Bhavuk Garg, Dr Rahul Kaul, Dr Wee Fu Tan, Dr Karthik Yelamarty</p>

WORKSHOP 7: 1000-1200HRS (IST) (SURGEONS) – HALL A

Case Based Discussions

Chairperson: Dr Ram Chaddha & Dr Kalidutta Das

Time	Topic	Speaker
1000-1020	Massive Cervical disc herniation	<p>Moderator - Dr Amrithlal Mascarehas Panelists - Dr Sahil Batra, Dr Manoj Sharma, Dr Rupinder Chahal, Dr Abhishek Srivastava</p>
1020-1040	Cervical Anderson lesions	<p>Moderator- Dr Neeraj Vasavada Panelist - Dr Darshan Gautam, Dr Dheeraj Sononane, Dr Umesh Srikantha, Dr Saurabh Kapoor</p>
1040-1100	Ossified dorsal disc - Case based panel discussion	Moderator - Dr Aayush Sharma

		Panelist - Dr Saransh Gupta, Dr Gautam Prasad, Dr Bharat Dave, Dr Amrit Guru, Dr Abhinandan
1100-1120	Acute foot drop with LCS	Moderator - Dr Vivek Mittal Panelist - Dr Shailesh Hadgaonkar, Dr Kalidutta Das, Dr Arun Bhanot, Dr Saransh Gupta
1120-1140	Failed lumbar surgery	Moderator - Dr Sarvadeep Dhatt Panelist - Dr Sunil Katoch, Dr Manish Chhadha, Dr Kalyan Verma, Dr Appaji Kirshnan
1140-1200	Severe Basilar invagination – Case based discussion	Moderator - Dr Sandeep Sonone Panelist - Dr Bipin Walia, Dr Arun Sharma, Dr Sarat Chandra, Dr Sachin Borkar

WORKSHOP 8: 0800 - 1100HRS (IST) – HALL B

Combined workshop for rehab professionals

Demonstration of ISNCSCI

Chairperson: Dr Chitra Kataria

Presenter: Dr Lisa Harvey

WORKSHOP 9: 1115 - 1415HRS (IST) – HALL C

Physiotherapy

Chairperson: Dr Bonne Lee & Col Dr Vijay Dutta

TIME	TOPIC	FACULTY / SPEAKER
1115-1215	Session I - Managing Respiratory issues in patient with SCI	
1115-1125	Assessment and training of Oromotor function for tracheostomised patient	Mr Ashish Kumar Jha
1125-1135	Respiratory muscle assessment	Ms Shambhovi Mitra, Ms Rimsha Siddiqui, Ms Bhumika Chibber
1135-1145	Role of investigations (PFT, Chest X-ray and ABG)	Dr (Col) Vijay Dutta
1145-1200	International standards to document autonomic function following SCI	Dr Ellen Merete Hagen
1200-1215	Abdominal Functional electrical stimulation to assist ventilator weaning in critical illness	Dr Euan McCaughey
Chairperson: Dr Chitra Kataria & Dr Roop Singh		
1215-1415	Session II - Balance and gait training in SCI Rehabilitation – conventional and advance techniques	
1215-1245	Conventional methods	Ms Meena Makhija and Mr Sanjay Banswal
1245-1315	Virtual reality	Ms Shefali Walia
1315-1345	Body weight support system	Dr Raju Dhakal

1345-1415	Demonstration of advance techniques of balance and gait training	Mr Sanjay Banswal, Ms Tarunpreet Kaur
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WORKSHOP 10: 1015 -1315HRS (IST) – HALL D

OT, AT, P & O

Chairperson: Dr Lalit Narayan & Mr Nekram Upadyay

TIME	TOPIC	FACULTY / SPEAKER
1015-1045	Counseling Persons with SCI to minimize resistance towards accepting Assistive Technology interventions	Dr Loren O'Connor Dr Thierry Kolpin
1045-1115	Panel discussion Topic - Need of an Assistive Technology Services Framework for Rehabilitation of Persons with Spinal Cord Injury in India	Moderator - Mr Nekram Upadhyay Panelists - Dr Loren O'Connor, Dr Sindhu Vijaykumar, Ms Sonal Khurana, Mr Neeraj Mishra
1115-1135	Occupational Therapy Prospective for NTSCI Functional Mobility and Transfers	Ms Priyanka Vijay, Mr Randhir Lal Ranjan
1135-1215	Activities of Daily Living (ADL) Training for Persons with Spinal Cord Injuries. <ul style="list-style-type: none"> Dressing Skills Independent Feeding Writing and Typing 	Mr Maneesh Bhardwaj, Ms Lipika Malik, Mr Vikas Kumar, Dr Ajit K. Verma
1215-1235	Wheelchair Skills Training – Basic and Advance	Mr Rajeev Virat
1235-1255	Evaluation and Fitting of Upper and Lower Limb Orthosis in SCI	Ms Yashika Kumar, Ms Aishwarya Kaur
1255-1315	Advancement in Prosthesis and Orthosis in SCI management	Ms Sakshi Saharawat, Ms Shivangi Mehra

WORKSHOP 11: 1015 - 1315HRS (IST) – HALL E

Psychosocial

Chairperson: Dr Divya Parashar & Dr Shanu Srivastava

TIME	TOPIC	FACULTY / SPEAKER
1015-1315	Session- Non traumatic Spinal Cord Injury and its Psychosocial effects on life	Moderator - Dr. Shanu Srivastava
1015-1020	Welcome Note	Dr Shashi Bhushan
1020-1035	Understanding Behavioral Difficulties after SCI: Tips for the Rehabilitation Team	Dr Stanley Ducharme
1035-1135	Panel Discussion Topic - Are psychological and social needs different for people with non traumatic & traumatic SCI people?	Moderator - Dr Shanu Srivastava Panelist - Dr Stanley Ducharme, Dr Jane Duff, Dr Shashi Bhushan, Dr

		Saurabh Gupta, Dr Bandana, Dr Priyanka Rawal, Ms Getila
1135-1150	Screening for emotional problems after spinal cord injury	Dr Jane Duff
1150-1205	Psychosocial morbidity after Non Traumatic SCI	Dr Bandana Gupta
1205-1220	Wellbeing of Non Traumatic SCI	Dr Saurabh Gupta
1220-1235	Adjustment after Non Traumatic SCI	Dr Shashi Bhushan
1235-1250	Getting the most out of SCI rehabilitation	Dr Priyanka Rawal
1250-1305	Role of psychological wellbeing of caregivers in dealing with PwSCI	Ms Roshini Suresh
1305-1315	Community re-integration for PwSCI	Ms Getila Kshetrimayum

WORKSHOP 12: 1015 - 1315HRS (IST) – HALL F

Consumers

TIME	TOPIC	FACULTY / SPEAKER
1015-1020	Opening Remarks	Mr Shivjeet Singh Raghav & Dr Komal Kamra
1020-1050	Webinar -1 Standardizing Peer Mentoring and Support services (Talk 20 minutes) Discussion (10 minutes)	Dr John Shephard
1050-1135	Webinar -2 Active Living: Fitness, Travel, Tourism	Moderator – Abhay Dogra & Mr Manoj Dawar Panelists - Mr Nikhil Gupta, Mr Kunilata Barik, Mr Rajiv Virat
1135-1220	Webinar-3 Care-giving: a Family Perspective	Moderator – Ms Priyanka Jaiswal (Rahul) Panelists - Balageetha (Ganesh), Mr and Mrs Patra (Siona Patra), Ms Sugirtha
1220-1305	Webinar-4 Pursuing a Livelihood	Moderator – Mr Chandra Rama Rao Panelists - Ms Madhuri Paturi, Ms Naveen Iyer, Mr Bhupinder Chopra
1305-1350	Webinar-5 Sexuality and Spinal Cord Injury	Moderator – Mr Shivjeet Singh Raghav Panelists - Dr Aprajita Gupta, Mr Imran Khan, Ms Pragya Ghildial

1350-1400	Closing Remarks including Repertoires' Reports	Mr Shivjeet Singh Raghav & Dr Komal Kamra
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WORKSHOP 13: 1015- 1315HRS (IST) – HALL G

Physical Medicine and Rehabilitation

In collaboration with Indian Association of Physical medicine and Rehabilitation (IAPMR)

Chairperson: Prof Sanjay Wadhwa and Dr Sanjay Kr Pandey

TIME	TOPIC	FACULTY / SPEAKER
1015-1035	Understanding etiopathogenesis of NTSCI and importance of early diagnosis	Prof S L Yadav
1035-1055	NTSCI: Physiatrist perspective	Dr Sanjay Kr Pandey
1055-1115	A few challenges and opportunities related to NTSCI in India	Prof Sanjay Wadhwa
1115-1135	Ambulation following NTSCI: Past, present and future	Prof Anupam Gupta
1135-1155	Rehabilitation of Multiple sclerosis	Dr Abhishek Srivastava
1155-1215	Discussion / Q and A	Prof S L Yadav, Dr Sanjay Kr Pandey, Prof Sanjay Wadhwa, Prof Anupam Gupta, Dr Abhishek Srivastava

PARALLEL SESSIONS					
HALL A			HALL B		
TIME	TOPIC	FACULTY / SPEAKER	TOPIC	FACULTY / SPEAKER	TIME
1600-1800	Session IA		Session IB		1600-1800
	Topic - Cervical Spine Chairpersons - Dr Sunil Katoch & Dr Arun Bhanot		Topic - Chairpersons - Prof Sanjay Wadhwa & Dr J J Wyndaele		
1600-1612	Establishing baseline motor and somatosensory evoked potentials (MEPs and SSEPs) prior to cervical spine surgery	Dr Alex Vaccaro	SCI in Paediatrics Population: Common Etiology and Management	Dr Doris Maier	1600-1612
1612-1624	Endoscopic procedures for cervical radiculopathy	Dr Arun Bhanot	Evidence based physiotherapy in spinal cord injury	Dr Lisa Harvey	1612-1637
1624-1636	Understanding Atlanto-axial anomalies in Pediatric population	Dr Sandip Chatterjee	Task oriented training on upper extremity functional performance	Dr Khin Myo Hla	1637-1649
1636-1648	Complex CV junction anomalies	Dr Sarat Chandra			
1648-1700	Discussion		Discussion		1649-1700
			Session IIB		1700-1800
1700-1720	ADR has a role in management of cervical myelopathy Debate - ADR vs ACDF for cervical myelopathy	ADR - Dr Bharat Dave ACDF - Dr Samir Dalvie	Debate SCI rehabilitation completed on outpatient basis after initial phase of inpatient rehabilitation is equally effective as that carried out totally on inpatient basis	For – Prof Sanjay Wadhwa Against - Prof Ruth Marshall	1700-1720
1720-1800	Panel Discussion Topic - Management of CSF leak in cervical spine surgery	Moderator - Dr Bipin Walia Panelist – Dr Rajat Mahajan, Dr Anowarul Islam, Dr Rajendra Prasad, Dr Pankaj Kandwal, Dr Ankur Nanda, Dr Raghvendra S, Dr Jitesh Manghwani, Dr Arun Sharma	Panel Discussion Topic – Advancements in rehabilitation management of SCI	Moderator - Dr Roop Singh Panelist – Dr Benjamin Holmes, Dr Narkeesh Arumugam, Dr Harihara Prakash, Dr Nazirah Hasnan, Dr Ronald Reeves, Ms Megha Nijhawan, Ms Anu Mishra	1720-1800
1810-2010	Session IIA				
	Plenary Session – HALL C Chairperson: Dr Shankar Acharya & Dr Sandip Chatterjee				
1810-1825	Do principles of prevention of TSCI differ from that of NTSCI	Dr Peter New			

1825-1830	Discussion		
1830-1910	Panel Discussion Topic - Do principles of Surgical Management of Traumatic SCI differ from those of non traumatic SCI	Moderator - Dr K Das Panelists – Dr Michael Fehlings, Dr Rainer Abel, Dr Sait Naderi, Dr Ajoy Shetty, Dr Thomas Kishan, Dr Manish Chadha, Dr B Mohapatra, Dr Rupinder Chahal, Dr Neeraj Gupta	
1910-1950	Panel Discussion Topic - Do principles of rehabilitation management of TSCI differ from that of NTSCI	Moderator - Dr Kartikeyan Panelists - Dr Sanjay Pandey, Dr Gaurav Sachdev, Dr Roop Singh, Dr Harihara Prakash, Dr Doris Maier, Dr G Balamurali, Dr Benjamin Holmes	
1950-2005	Does outcome of NTSCI differ from that of TSCI?	Dr Francois Theron	
2005-2010	Discussion		
2015-2115	Session IIIA		
	Free Paper Session Chairperson: Dr Vikas Tandon & Dr Roop Singh		Free Paper Session Chairperson: Dr Stanley Ducharme & Dr Dinesh Suman
			2015-2115

PARALLEL SESSIONS					
HALL A			HALL B		
TIME	TOPIC	FACULTY / SPEAKER	TOPIC	FACULTY / SPEAKER	TIME
0730-0830	Session IVA		Session IVB		0730-0830
	Topic – Chairperson: Dr ML Bansal & Dr Abhishek Srivastava		Topic – Chairperson: Dr Euan McCaughey & Dr Gita Handa		
0830-0945	Free Papers		Free Papers		0830-0945
	Session - Chairperson: Dr Gautam Zaveri & Dr Ajoy Shetty		Session – Chairperson: Dr Narkeesh Arumugam, Dr Doris Maier & Dr Martin Danhauser		
			Session VB		0830-0945
0830-0845	Surgeon's Dilemma- Post operative lumbar diskitis	Dr. Ram Chaddha	Impact of COVID pandemic on quality of life of PwSCI	Dr Susan Charlietue	0830-0845
0845-0900	Problem of drug resistance in tuberculosis/ pyogenic	Dr Raghav Dutt	NTSCI Non-tuberculous epidural infections	Prof Ruth Marshall	0845-0900
0900-0915	Challenge of Prevention of Spinal Surgery infection	Dr Shankar Acharya	Low cost community based model of care in emerging countries for PwSCI	Mr. Stephen Muldoon	0900-0915
0915-0930	CV J tuberculosis- management guidelines	Dr Sajesh Menon	Evaluation of autonomic cardiovascular dysfunction in PwSCI	Dr Ellen Merete Hagen	0915-0930
0930-0945	Discussion		Discussion		0930-0945
1000-1200	Session VA				
	Plenary session - Spinal Tuberculosis - HALL C Chairperson: Dr HS Bhatoe & Dr Rajendra Prasad				
1000-1015	TB Spine Rationale behind NTEP (RNTCP) guidelines	Dr Varinder Singh			
1015-1030	2020 updates on chemotherapy for spinal tuberculosis	Dr Anil Jain			
1030-1045	National strategy for Eradication of tuberculosis – where do we stand	Dr Randeep Gulleria			
1045-1100	Discussion				
	Session VIA				

1100-1200	Interaction with consumers Chairperson: Mr Shivjeet Singh Raghav				
1100-1115	Dr Deepa Malik				
1115-1200	Demystifying Sports for Indians with Spinal Cord Injury Moderator – Dr Komal Kamra Panelists - Dr Deepa Malik, Ms Ekta Bhyan, Mr Suresh Karki, Mr Justin V Jesudas				
			Session VIB		1200-1330
1200-1330	Chairperson: Dr Sunil Katoch & Dr Gururaj M Spinal Cord Society Gold Medal Award for Best Paper Presenter - Surgical		Chairperson: Prof Ruth Marshall & Dr. Ram P Hariharan Spinal Cord Society Gold Medal Award for Best Paper Presenter – Rehabilitation		1200-1330
	Judges: Dr Francois Theron, Dr Rainer Abel, Dr Bharat Dave, Dr Raghav Dutt, Dr Bimal Pandey, ??		Judges: Prof Ruth Marshall, Dr. Ram P Hariharan, Dr Nazirah Hasnan, Dr Ellen Merete Hagen, Dr Bonne Lee, Dr Gita Handa, Dr Sanjay Pandey, Dr Gaurav Sachdev		
1400-1500	SCS- General Body Meeting				
1530-1730	Session VIIA		Session VIIB		1530-1730
	Topic - Spinal Tumor: Chairperson: Dr CS Dhillon & Dr Tarush Rustagi		Topic - ASCoN (11 Countries): Challenges faced by PwSCI during Covid Pandemic and way forward Chairperson – Mr. Stephen Muldoon & ??		
1530-1542	Role of neuromonitoring for Spinal Tumour surgery	Prof Serdar Kahraman	Indian Experience	Dr Karthikeyan	1530-1540
			Sri Lanka Experience	Dr Narendra Pinto/ Dr Ajith Kithsiri	1540-1550
			Bangladesh Experience	Dr Sohrab Hossain	1550-1600
1542-1554	Aggressive hemangioma	Dr Guatam Zaveri	Nepal Experience	Dr Raju Dhakal	1600-1610
			Thailand Experience	Dr Apichana Kovindha/Dr Sintip Pattanakuhar	1610-1620
1554-1606	Surgeon's perspective to Radiosurgery	Dr Mendel	Malaysia Experience	Dr Nazirah Hasnan	1620-1630
			Philippian Experience	Dr Lally /Dr Shiela Banaag	1630-1640
1606-1618	MIS approaches for spinal tumors	Dr Jorg Franke	Myanmar Experience	Dr Khin Myo Hla	1640-1650
			Korean Experience	Dr Onyoo Kim	1650-1700
1618-1630	Enbloc resection planning	Dr Venkatesh	Chinese Experience	Dr Nan Liu	1700-1710
1630-1650	Discussion		Discussion		1710-1730
1650-1730	Panel discussion -	Moderator – Dr Ajoy shetty			

	Topic: Optimizing patients for surgery in malignancy	Panelist – Dr Samir Dalvie, Dr Thomas Kishen, Dr Fazlul Haque, Dr Neeraj Vasavda, Dr Manish Chadha, Dr Prabhat Bhargava?? , Dr Vishal Nigam, Dr Kalyan Varma		
1800-2100	Session VIIIA			
1800-2000	Plenary Session - HALL C Chairperson: Dr HS Chhabra & Dr Ankur Nanda			
1800-1825	Spinal Cord Society Oration Lower thoracic spinal cord stimulation to restore cough	Dr Anthony Di Marco		
1825-1850	President's Oration			
1850-1915	The C Virus aftermath in disability area	Dr A K Mukherjee		
1915-1935	Best Published Paper Award Posterior Stabilization Without Neural Decompression in Osteoporotic Thoracolumbar Fractures With Dynamic Cord Compression Causing Incomplete Neurological Deficits	Dr Abhinandana M Reddy		
			Session VIIIB	
1940-2100	Topic - Degenerative lumbar spine Chairperson: Dr Rohit Amritanand & Dr Manoj Sharma		Chairperson: Mr. Nekram Upadhyay & Dr Raju Dhakal	
1940-2020	Panel discussion Topic: Anterior vs posterior surgery for degenerative lumbar spine—will anterior lumbar surgeries overtake posterior surgeries for deg. lumber spine	Moderator – Dr Amit Jhala Panelist - Dr Appaji Krishnan, Dr Anand Naik, Dr Umesh Srikantha, Dr HS Bhatoe, Dr Ankur Nanda , Dr Abhinandan Reddy, Dr Agnivesh Tikoo	Panel discussion Topic: Need of developing a National Essential list of evidence based assistive technology products for management of SCI in India	Moderator: Mr. Nekram Upadhyay Panelist- Dr Ketna Mehta, Dr Ravindra Singh, Mr. Shivjeet Singh Raghav, Dr Sindhu Vijay Kumar, Dr Akila Sundaram, Dr Thomas Bryce
				1940-2100
				1940-2020

2020-2100	Panel discussion Topic: ASD in lumbar spine surgeries	Moderator – Dr Arvind Kulkarni Panelist –Dr Shah Alam, Dr Rishi Kanna, Dr S K Srivastava, Dr Neeraj Gupta, Dr Sahil Batra, Dr Akshay Jain, Dr Ashok Reddy, Dr Amrit Guru	Panel Discussion Topic: Rehabilitation approach for managing patient with SCI - Type of team (multidisciplinary, inter-disciplinary and trans-disciplinary)	Moderator – Dr Raju Dhakal Panelist – Dr J J Wyndaele Dr Shanu Srivastava, Mr Nekram Upadhyay, Dr Amiram Catz, Dr Anba Soopramanien, Dr Guarav Sachdev	2020-2100
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Day 3
Main Conference
21st NOVEMBER, 2021



PARALLEL SESSIONS					
HALL A			HALL B		
TIME	TOPIC	FACULTY / SPEAKER	TOPIC	FACULTY / SPEAKER	TIME
0730-1000	Session IXA		Session IXB		0730-0830
0730-0830	Chairperson: Dr. Rajat Mahajan & Dr. Rishi Kanna		Chairperson: Dr Shanu Srivastava & Dr Chitra Kataria		0730-0830
0730-0830	Free Papers		Free Papers		0730-0830
			Session XB		0830-1000
0830-1000	Key note lectures Advancements in spine surgery Chairperson: Dr Shankar Acharya & Dr B Mohapatra		Key note lecture Chairperson: Dr. Ram P Hariharan & Dr Mrinal Joshi		0820-1000
			Epidemiology and rehabilitation outcome of NTSCI disorder	Dr Ronald Reeves	0820-0830
0830-0842	There is a Role for Diaphragm Pacing for Respiratory Compromise in Non-Traumatic Spinal Cord Injured Patients	Dr Raymond Onders	conceptual changes needed to improve rehabilitation outcomes after SCI	Prof Amiram Catz	0830-0840
0842-0854	Spinal cord perfusion pressure management in Acute SCI	Brian Kwon	Exoskeletons for community mobility: will it be a reality?	Dr Chung-Ying (Owen) Tsai	0840-0900
0854-0906	Conservative management of traumatic central cord syndrome- is it sufficient in all such patients??	Vernon Hill	Outcomes of study on the change in ability realization in traumatic and non-traumatic SCI	Prof Amiram Catz	0900-0910
0906-0918	Time is spine	Dr Michael Fehlings	Bone/Muscle Disorder in Spinal Cord Injury	Dr Yannis Dionyssiotis	0910-0920

0918-0935	Discussion		Importance of follow up in quality of life and community integration for PwSCI	Dr Anba Soopramanien	0920-0930
0935-1000	Debate Only decompression /limited fusion vs deformity correction in deg. Scoliosis	Deformity correction – Dr Shailesh Hadgaonkar Limited- Dr Abhay Nene	Prevention pressure ulcers for quality of life in PwSCI	Dr Martin Donhauser	0930-0940
			Role of accessibility in education and employment of PwSCI	Prof. Loren O’conner	0940-0950
			Discussion		0950-1000
1000-1200	Session XA		Session XIB		1000-1100
	Chairperson: Prof Kh Abdul Awal Rizvi & Dr B Mohapatra		Chairperson: Prof S L Yadav & Dr Gita Handa		
1000-1100	Spinal Cord Society Gold Medal Award for Best Poster Presenter – Surgical Judges : Dr Roop Singh, Dr Sajesh Menon, Dr Vikas Tandon, Dr Brian Kwon, Dr Sarat Chandra		Spinal Cord Society Gold Medal Award for Best poster Presenter - Rehabilitation Judges: Dr Nazirah Hasnan, Dr Gita Handa, Dr Jane Duff, Dr Thomas Bryce, Dr Yannis Dionyssiotis, Prof S L Yadav, Dr Gaurav Sachdeva		1000-1100
1100-1200	Chairperson: Dr HS Chhabra & Prof S L Yadav				
1100-1200 (10 min talk + 5 min discussion)	Patrick Kluger Innovation in SCI Care : Innovation in SCI Care				
1100-1115	Robotics in Spine Care – What’s on the Horizon	Dr Richard V. Chua			
1115-1130	Sonomyography: Ultrasound based detection of muscle activity	Dr Biswarup Mukherjee, Centre for Biomedical Engineering , IIT Delhi			
1130-1145	Artificial Intelligence in Prosthetic Technology	Dr. Ranjeet, PhD IIT Delhi			
1145-1200	Use of Artificial Intelligence (AI) in SCI rehabilitation	Dr Deepak Joshi, IIT Delhi			
1200-1500	Session XIA		Session XIIB		1200-1300
1200-1300 10 x 5	Keynote lectures Chairperson: Dr Kalidutta Das & Dr Vikas Tandon		Keynote lectures: Advancement in Rehabilitation management Chairperson: Prof S L Yadav & Dr Sanjay Pandey		1200-1300 10 x 5
1200-1210	Robotics spine surgery – past present and future	Dr HS Chhabra	Exergaming versus traditional exercise modalities for rehabilitation of PwSCI	Dr Nazirah Hasnan	1200-1210
1210-1230	Functional failure of the posterior column - An entity often forgotten	Dr Rajasekaran	Nutritional issues and management in PwSCI	Dr. Firoze Sagar	1210-1220

1230-1240	Surgical decision making for thoracolumbar injuries in polytrauma pts	Dr Jorg Franke	Sexuality and fertility issues after SCI	Dr Dinesh Suman	1220-1230
1240-1250	Non fusion options is scoliosis surgery	Dr Suresh Pillai	Myelopathy associated with pyogenic infections	Dr Matthias Linke	1230-1240
1250-1300	Discussion		Discussion		1240-1300
			Session XIII B		1300-1400
			ISCoS- ASCoN -SCS Educational Priorities Chairperson -Prof Ruth Marshall & Mr Stephen Muldoon		1300-1400
			SCI Medicine & Rehabilitation Fellowship Program	Dr Julia	1300-1310
			Update on 2 nd edition of ElearnSCI.org including new consumer module	Mr. Stephen Muldoon	1310-1320
			ASCoN training of trainer programme	Dr Apichana Kovindha	1320-1330
			ASCoN training centres – Cross regional training & development options	Ms. Esha Thapa	1330-1340
			Educational activities of SCS	Dr Ankur Nanda	1340-1350
			Discussion		1350-1400
1400-1500	Industry Workshop		Industry Workshop		1400-1500
1600-1800	Session XIII A		Session IV B		1600-1800
	Parallel Session Chairperson -Dr Neeraj Gupta, Dr Sajesh Menon		Parallel Session Life after SCI Chairperson – Prof Sanjay Wadhwa & Dr. Euan McCaughey		
1600-1700	Surgical Video		Avoiding urinary complications at home for PwSCI	Dr. Bonne Lee	1600-1610
1600-1608	OLIF	Dr Amit Jhala	Psychosocial issues impacting life after SCI	Dr Stanley Ducharme	1610-1620
1608-1616	ALIF	Dr Anand Naik	Employment issues following SCI	Dr. Narkeesh Arumugam	1620-1630
1616-1624	Interlaminar endoscopy	Dr Pramod Lokhande	Accessibility issues following SCI	Ms. Rajesh Sharawat	1630-1640
1624-1632	Robotic – Navigation TLIF	Dr Sudhir Dubey	Chiropractic therapy for managing pains in chronic SCI	Dr Benjamin Holmes	1640-1650
1632-1640	Anterior scoliosis correction	Dr Saumyajit Basu			
1640-1648	Laminoplasty	Dr. Kshitij Chaudhary			
1648-1700	Discussion		Discussion		1650-1700
1700-1800	Free Papers Chairperson: Dr Rezaul Karim & Dr Dheeraj Sonawane		Free Papers- Chairperson: Dr Gaurav Sachdev & Dr Shanu Srivastava		1700-1800
1800-2000	Session VIII A		Session V B		1800-2000

1800-2000	Joint session with ASSN & BSS- Case based panel discussion “Pyogenic Infections Chairperson: Dr Anowarul Islam, Dr. Rabindra Pradhan	Joint session with CRP & SIRC Nepal Topic: Joining hands for better tomorrow: How to complement resources for management of PwSCI across South-East Asian Countries? Chairperson: Prof. Dr. Kh. Abdul Awal Rizvi & Mr. Stephen Muldoon	1800-2000	
1800-1820	Cervical Fracture in ankylosing spondylitis patients	Presenter - Dr Dheeraj Sonwane Panelists –Dr Shah Alam, Dr Rezaul Karim, Dr Rohit Amritanand, Dr Manoj Sharma	Panel discussion on Prevention of SCI (60 minutes) (discussion on database, common prevention strategies, advocacy and World SCI) Moderator - ?? Panelist - Dr H S Chhabra, Prof Sanjay Wadhwa, Mr Stephen Muldoon, Ms Esha Thapa, Dr. Provash Chandra Saha (SIRC), Mr Syed Shakawat Hossain, Ms Nikki Madan	1800-1900
1820-1840	Cervical spondylodiscitis in Children	Moderator - Dr G Balamurli Panelists - Dr Byapak Paudel, Dr Suraj Bajracharya, Dr Fazlul Haque, Dr Vikas Tandon	Panel Discussion on Management of PwSCI (60 minutes) (Discussion on training of man power, conferences and workshops, transfer of patients, disaster management) Moderator - Dr Raju Dhakal Panelist - Prof. Dr. Syed Shahidul Islam, Dr. Md. Akshad Al Masur, Prof S L Yadav, Dr Mrinal Joshi, (Surgeon from India), Ms Farjana Taoheed, Ms Nikki Madan	1900-2000
1840-1900	Lumbosacral spondylodistitis	Moderator - Dr Fazlul Hoque Panelists - Dr Shah Alam, Dr Agnivesh Tikoo, Dr Amrithlal Mascarehas, Dr Rajat Mahajan		
1900-1920	High cervical infection (occiput to C2) – case based discussion	Moderator – Dr Rupinder Chahal Panelists - Dr Shah Alam, Dr Rabindra Pradhan, Dr Suresh		

		Pillai, Dr Vineet Varghese, Dr Bimal Pandey			
1920-2000	Panel Discussion Topic – The problem of managing pyogenic spondylodiscitis in developing countries - BSS	Moderator – Dr Gururaj Sangodimath Panelist- Dr Ram Chaddha, Dr S K Srivastava, Prof.Kh.Abdul Awal Rizvi, Dr Rabindra Pradhan, Dr Jonayed Sherrif, Dr Bansal, Dr Byapak Paudel, Prof Suraj Bajracharya, Rajesh Kumar Chaudhary			
2000	Valedictory		Valedictory		2000