

**ISSICON 2023**  
**Workshops (Day (-1))**

<b>Comprehensive Rehabilitation Management for PwSCI (0900 to 1030 hrs)</b>					
<b>Chairperson:</b>					
<b>Time</b>	<b>Topic</b>				<b>Faculty</b>
0900-0915	Introduction to SCI Rehabilitation				
0915-0930	Multidisciplinary Approach for managing PwSCI				
0930-0945	Importance of Goal Planning				
0945-1000	Complications in a PwSCI (What a therapist should know about?)				
1000-1020	Motor training – summary of our clinical trials				
1020-1030	Discussion				
<b>1030-1100</b>	<b>Tea Break</b>				
<b>Parallel Rehabilitation Workshops</b>					
<b>IB. ISNCSCI Assessment in SCI</b>			<b>IC. Hand Function after SCI</b>		
<b>Chairperson:</b>			<b>Chairperson:</b>		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>	<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1100-1130	Sensory Assessments		1100-1130	Assessment tools for hand functions	
1130-1200	Motor Assessments		1130-1200	Exercises for improving hand functions	
1200-1215	Interpretation of AIS		1200-1215	Use of Adaptive Devices	
1215-1245	Participants Assessment		1215-1245	Advancements for improving Hand functions	
1245-1300	Discussions		1245-1300	Discussions	
<b>1300-1400</b>	<b>Lunch Break</b>				
<b>IE. Exercises in SCI</b>			<b>IF. Wheelchair skills and Wheelchair sports</b>		
<b>Chairperson: Dr Karthikeyan</b>			<b>Chairperson: Dr Harihara Prakash</b>		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>	<b>Time</b>	<b>Topic</b>	<b>Faculty</b>

1400-1430	Exercise Program in Acute SCI		1400-1430	Wheelchair Assessment	
1430-1500	Gait Training in SCI		1430-1500	Basic Wheelchair skills	
1500-1530	Core Strengthening Exercises in SCI		1500-1530	Advance Wheelchair skills	
1530-1600	Balance Training after SCI		1530-1600	Introduction to Wheelchair Sports	

### **IG. Physiatrist Workshop: Making PMR services accessible and affordable across India & other emerging countries (1400-1600 hrs)**

**Chairpersons- Dr Sanjay Wadhwa, Dr Prashanth Chalageri**

<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1400-1415	Current scenario of PMR services in India	
1415-1430	Rehabilitation 2030 Program and its implementation in India	
1430-1445	Effectiveness of Transdisciplinary approach to overcome shortage of medical professionals?	
1445 -1500	Reaching the masses- PMR approach	
1500-1600	Panel Discussion: Making PMR services accessible and affordable across India	

### **ID. Psychosocial Workshop (1100-1300 hrs)**

**Chairperson:**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
1100-1115	Psychosocial wellbeing of PWSCI barriers and openings	
1115-1130	Taboo associated with mental health is a real challenge in accessibility of mental health services in Indian culture	
1130-1145	Resilience, a powerful character in recovery of a person with SCI	
1145-1200	Digital mental health services boon and bane for PWSCI	
1200-1215	Non-acceptance of prognosis – a psychological challenge in recovery of PWSCI	
1215-1230	Accessibility and affordability of rehabilitation services – for a PWSCI – from a social	

	perspective	
1230-1240	Breaking the barriers to achieve positive mental health after SCI	
1240-1300	Group Discussion	

### Surgeons's & Physiatrists Workshop – Management of Vertebral Fractures (1100-1300 hrs)

Chairperson-		
Time	Topic	Speaker
1100-1115	Surgical management of vertebral fractures is more suitable for India and other emerging countries since it results in shorter length of stay	
1115-1130	Surgical management may be a more suitable option for India & other emerging countries in the current scenario due to lack of trained manpower for APCM	
1130-1210	The Rationale, Clinical and other Relevant Outcomes of APCM and the requirements to establish evidence based practice of Surgical Stabilisation of the Spine and/or Decompression of the Spinal Cord	
1210-1225	Management of Vertebral Fracture- does conservative management have special consideration in Bangladesh and other emerging countries	
1225-1240	Management of Vertebral Fracture- does surgical management have special consideration in emerging countries	
1240-1255		
1255-1315	Discussion	

### II. Surgeon's workshop-Enabling Technologies (1300-1700hrs)

**Role of Enabling Technologies in Spine Surgery: Present and Future : (1300-1700hrs)**

<b>Chairperson:</b>			
<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Panelist</b>
1300 -1310	Introduction		
1310-1330	Minimally invasive lumbar interbody fusion technique		
1330-1350	Minimally invasive tubular retractor endoscopic technique		
1350-1410	Limitations of the MISS/MAST techniques		
1410-1430	Future trends in MISS/MAST		
1430-1450	Advantages of enabling technologies in spine surgery		
1450-1510	3D-intraoperative imaging and navigation technologies in spine surgeries		
1510-1530	<b>Break</b>		
1530-1550	Limitations and challenges of using ET/navigation technology		
1550-1610	Robotics in spine surgeries		
1610-1630	Future developments in spine surgery		
1630-1650	The need for a spine technology forum, its roles, and the way forward		
1650-1700	Launch Announcement: Spine Surgery Enabling Technologies Society (Launch during Inaugural session)		

**III. Surgeons workshop**  
**8 min video and 2 min discussion- 12 talks**

<b>How the experts utilise enabling technologies to improve outcomes-video presentation/ case based scenarios (1700- 1900)</b>		
<b>Chairperson-</b>		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1700- 1708	Pedicle screw fixation using Xray based navigation vs Oarm Navigation	
1708- 1716	Pedicle screw fixation – Robotic- Preop CT or intraop O arm- Accuracy and effectiveness	
1716-1724	Extending use of Robot beyond pedicle screw	
1724-1732	Robotics and deformity correction	
1732-1740	TLIF using Navigation	

1740-1748		
1748 - 1800	Discussion	
1800-1808	OLIF with navigation	
1808-1816		
1816-1824		
1824-1832		
1832-1840		
1840-1848		
1848-1900	Discussion	

#### IV. Nursing workshop – Elearn Nursing module based (0900hrs-1630hrs)

<b>Nursing Workshop (0900-1630 hrs)</b>			
<b>Chairperson: Ms. Neetu Maitra</b>			
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>	<b>Panelists</b>
0900-0930	An Overview of spinal cord injury-Essential for Nurses		
0930-1015	Significance of nursing initials in SCI management - <b>Case managers and key role in Rehabilitation.</b> <b>(With discussion on E- Learn module essential for Nurses)</b>		
1015 -1100	Skin management after SCI ( <b>Activity and fun learning quiz</b> ) <b>(With discussion on E –Learn module treatment of pressure ulcers).</b>		
1100-1130	Tea Break		
1130-1200	Progressive protocol in the bowel management of SCI ( <b>Activity-based Learning</b> )		
1200-1245	Sexuality following SCI individuals <b>(With discussion on E-Learn module sexuality after SCI)</b>		

1245-1310	Prevention and management of complications associated with SCI – (An Integrated Care Pathway for the nurses). ).		
1310-1410	<b>LUNCH BREAK</b>		
1410-1440	Neurogenic bladder management after SCI what a nurse should know		
1440-1510	DISCUSSION ON E-Learn module Management of Genitourinary System and Bladder		
1510-1540	Handling of SCI patients – (Lifting shifting and positioning Live Demo and activities with video support and questionnaires).		
1540-1610	<b>Discussion on E-Learn module spinal precautions</b>		
1610-1640	Psychosocial adjustments and society integration after SCI		
1640-1700	Discussion and closing of session with Thanks Note		

#### V. Consumer workshop (1100hrs-1600hrs)

<b>Consumers workshop (1100hrs-1600hrs)</b>		
Moderators:		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1100-1230	Panel discussion: Ways to Live Well with Spinal Cord Injury	
1230-1300	Questions from audience	
<b>1300-1400</b>		
1400-1412	Why IUI is not the first choice for younger PwSCI in spite of its success rate almost matching that of IVF	
1412-1424	Skills and Vocations for PwSCI	
1424-1436	SPINE20, 2023: a consumer's perspective; Achievements and the Road Ahead	
1436-1448	The Para Asian Games experience; finishing at 111 medals!:	
1448-1500	Active Rehab Skills ; choosing the right wheelchair and home modifications	
1500-1600	Live demonstration of wheelchair skills ( transfers, Wheelie, managing the chair on different surfaces, stairs, slopes)	

**VI. ISCoS Toolkit workshop (1600-1700hrs)**

<b>ISCoS Toolkit workshop (1600-1700hrs)</b>		
<b>Chairperson:</b>		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1600-1615	Objectives and conceptual model for the Toolkit, supporting evidence base and alignment with existing frameworks and toolkit development methodology-	
1615-1630	Toolkit content and guidance for use, in conjunction with the WHO Rehabilitation 2030 Guide to Action process of situational assessment, strategic planning, operationalisation and monitoring of SCI services	
1630-1645	Future application of the toolkit, evidenced by case studies where rehabilitation strategic plans have been developed in countries at a national and organisational SCI centre level	
1645-1700	Discussion	

**VI. INSCI(1700hrs-1800hrs)**

<b>INSCI(1700hrs-1800hrs)</b>		
<b>Chairperson:</b>		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1700-1715	Introduction to INSCI Survey	
1715-1730	Results of the previous INSCI survey	
1730-1745	Organisation of INSCI Survey in India	
1745-1800	Discussion	

**VII. Grading of SCI Unit- 1800hrs-1900hrs**

<b>Grading of SCI Unit- 1800hrs-1900hrs</b>		
<b>Chairperson: Dr Jitesh Manghwani</b>		
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
1800-1815	Need for standardisation of SCI unit	
1815-1830	Existing grading systems of SCI unit	
1830-1845	ISCOS STSG grading system of SCI unit	
1845-1900	Discussion	

**Main Conference  
Day 1  
2<sup>nd</sup> December, 2023**

<b>Time</b>		
0730-0800	<b>Registration</b>	
0800-0930	<b>Plenary Session I Accessible &amp; Affordable SCI Care-I (8+2mins) Chairperson-</b>	
<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
0800-0808	Longitudinal outcomes in spinal cord injury: aging and quality of life	
0808-0816	Challenges of access to SCI care in emerging countries and strategies used in Bangladesh to overcome them	
0816-0824	Optimal intervention for complication prevention definitely helps in cost effective Spinal Cord Injury care in hospital setting	
0824-0832	Minimal invasive spine surgery improves affordability	
0832-0840	Striking the right balance between affordable spine surgery and quality as well as patient safety	
0840-0848	Enabling technologies can be affordable and cost effective	
0848-0856	Fall prevention for persons with SCI through exercise and strength	
0856-0904	Role of research and innovation in driving affordable spine care	
0904-0912	Creating an Allied health workforce through training program can make spine care more affordable and accessible	
0912- 0930	Discussion	
	<b>Hall A</b>	<b>Hall B</b>
0930-1030	<b>Session II Patrick Kluger Innovation in SCI Care Session Chairperson: (10 mins talk + 10 mins discussion)</b>	<b>Consumer Session</b>  Consumer Perspective – A Pragmatic Approach to Rehabilitation of SCI in Emerging Countries
0930-0940	COPE: Community health outcomes and personalized education/exercises for spinal injured individuals	
0940-0950	The Spinal Cord Injury Health Maintenance Tool – a self-	

	management resource for consumers with SCI			
0950-1010	A replicable integrated healthcare model for SCI care			
1010-1020	Wearable artificial muscle for a tetraplegic hand			
1020-1030	Discussion			
1030-1100	<b>Break</b>			
1100-1115	<b>Session III</b>			
	<b>Chairpersons:</b>			
1100-1115	<b>SCS Best Published Paper Award</b>			
	<b>Chairpersons:</b>			
1115-1140	<b>SCS Oration: Continuum S.C.I. Health Care – India</b>			
1140-1205	<b>Presidential Oration : National Spinal Cord Injury Care Program</b>			
1205-1250	Panel Discussion- Strategies for improving accessibility for SCI care			
1250-1330	<b>Inaugural Ceremony</b>			
1330-1430	<b>Break</b>		<b>General Body Meeting (1350-1430)</b>	
	<b>HALL A</b>		<b>HALL B</b>	
1410-1530	<b>Chairpersons:</b>		1410-1530	<b>Chairpersons:</b>
				Session: Living in community
1410-1450	Panel Discussion- Cost-Effective Instrumentation and Implant Solutions for Spine Surgery		1410-1420	Impact of ageing on accessibility, affordability and availability of SCI services
			1420-1430	Understanding the lived experience in people with spinal cord injury
			1430-1440	Sexual health in PwSCI: a neglected area in India & other emerging countries

			1440-1450	Role of Psychologist in ensuring sexual health	
1450-1530	Panel Discussion- Management algorithm for thoracolumbar trauma for resource limited regions		1450-1500	Impact of pressure ulcer on functional outcomes in PwSCI	
			1500-1510	Could digital mental health be a good option to beat the heat of accessibility for PWSCI who live in rural India?	
			1510-1530	Discussion	
1530-1600		<b>Break</b>			
<b>Chai pe Charcha</b>					
1600-1730	<b>HALL A</b>			<b>HALL B</b>	
	Case based discussion Chairperson:			Rehabilitation Session: Chairperson:	
1600-1615	Ethical considerations in providing affordable spine care as a surgeon		1600-1645	Panel Discussion: Speciality Nursing for PwSCI	
1615-1630	Osteoporotic thoracolumbar trauma-leave, cement or fix- search for lasting solution				
1630-1645	Iatrogenic Spinal Cord injury- Prevention and management				
1645-1700	Innovative Pain Management Strategies in Spine Surgery: Cost-Effective Approaches		1645-1730	Panel Discussion: Challenges in affordable & appropriate management of	
1700-1715	Long term outcomes in low-cost spine				

	surgeries			neurogenic bladder	
1715-1730	Patient safety and quality assurance in affordable spine surgery				
1730-1900	<b>Session- Surgical vs Active Physiological Conservative Management of Acute traumatic Vertebral Fracture</b> <b>Chairpersons-</b>				
1730-1742	Goals of management of vertebral fractures- a contemporary perspective				
1742- 1754	Arguments in favor of surgical management of acute traumatic vertebral fractures				
1754-1810	Arguments in favor of Acute physiological conservative management of acute traumatic vertebral fracture				
1810-1900	Panel discussion- Consensus statement: Surgical vs Active Physiological Conservative Management of Acute Traumatic Vertebral Fracture				
1900-2000	Plenary Session- 8+2 (6 talks) Chairperson-				
1900-1908	Reusable vs Disposable catheters for management in neurogenic bladder- which is more cost effective				
1908-1916	Multidisciplinary vs interdisciplinary vs transdisciplinary team approach to SCI management				
1916-1924	How ERAS pathway can optimise cost in spine surgery				
1916-1932	Outcomes of the rehabilitation of patients with similar spinal cord lesions are similar in different countries				
1932-1940	Damage control protocol for management of polytrauma patient with spinal cord injury				
1940-1948	Frailty Index In Complex Spinal Surgeries				
1948-2000	Discussion				
2000 onwards	Cultural evening & Gala Dinner				

**Main Conference  
Day 2  
3<sup>rd</sup> December, 2023**

Time				
0800-0900	Plenary Session Chair Person:			
0800-0808	First results of the implementation of the German grading system for SCI units			
0808-0816	Early admission to a definitive SCI centre improves outcome and reduces costs			
0816-0824	Spinal cord injury rehabilitation in post-earthquake Haiti: Is it replicable and affordable model ?			
0824-0832	Role of professional societies in liaising with policy makers for making spine care affordable and accessible			
0832-0840	Affordable care through rehabilitation excellence: The Myanmar experience			
0840-0848	Strategies to increase affordability of rehab services for SCI			
0840-0900	Discussion			
0900-1000	Parallel Session Free paper Surgical Chairperson-		Parallel Session Free paper Rehabilitation Chairpersons-	
1000-1100	Surgical Management Chairperson-		Rehabilitation Management Session (Tele-Rehab): Panel Discussion Chairpersons-	
1000-1008	What is more Cost effective in unstable fractures without neurological deficit – fix and return to work or pain management and gradual return to work		1000-1008	TEleRehabilitation Nepal (TERN) for People With Spinal Cord Injury and Acquired Brain Injury: A Feasibility Study

1008-1016	Pre Hospital care for SCI. Pitfalls and developing Framework for it in India/ Developing Countries		1008-1016	Effectiveness of Telerehabilitation in Persons With Spinal Cord Injury During the COVID-19 Pandemic (TELE-SCOPE): A Single-Center, Double-Blind Study at New Delhi	
1016-1024	Chronic spinal pain and its affordable prevention and management				
1024-1030	Discussion		1016-1020	Discussion	
1030-1100	Management algorithm for cervical trauma for resource limited regions	,	1020-1100	Panel Discussion: Using Tele-rehab for making rehabilitation services accessible and affordable for PwSCI	
1100-1130	Major HPS Ahluwalia Gold Medal Award for Best Poster Session Surgical Chairperson Judges-		Major HPS Ahluwalia Gold Medal Award for Best Poster Session Rehabilitation Chairperson: Judge:		
<b>1130-1200</b>	<b>Break</b>				
1200-1320	Plenary Session				
1200-1240	Panel discussion - Care givers make SCI care affordable but care giving has its own challenges especially in emerging countries like India				
1240-1320	Panel discussion-Why is it necessary to walk the thin line between over and under treatment of spine care				

<b>1320-1400</b>	<b>Break</b>	
1400-1530	Major HPS Ahluwalia Gold Medal Award for Best Paper Session Surgical Chairpersons: Judge-	Major HPS Ahluwalia Gold Medal Award for Best Paper Session Rehabilitation Chairpersons: Judge:
1530-1615	Rapid Fire paper session	
<b>1615-1630</b>	<b>Valedictory</b>	
<b>1630</b>	<b>High tea</b>	