

07.30–08.00 | Registration | ⌂30 minutes

|                                                                                                         |                                                                                                                                      |                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.00 – 09.00                                                                                           | AO KF Session 1: Treatment of spinal infections, tips, tricks and case reviews (Moderators: Dr Andrei Joaquim, Dr Richard Bransford) | ⌂60 minutes                                                                                                                                                             |
| 08.00 – 08.12                                                                                           | Pyogenic Spondylitis: Epidemiology, Classification, and Clinical Decision –Making and Challenges                                     | Dr Gregory Schroeder                                                                                                                                                    |
| 08.12 – 08.24                                                                                           | Spinal Tuberculosis: Epidemiology, Classification, and Clinical Decision – Making and Challenges                                     | Dr Ory Keynan                                                                                                                                                           |
| 08.24 – 08.34                                                                                           | Challenging Spinal Infections: Diagnostic Dilemmas, Predicting Medical Failure, and Atypical Presentations                           | Dr Mohamed El-Sharkawi                                                                                                                                                  |
| 08.34 – 08.43                                                                                           | Case based Panel discussion 1: Pyogenic spinal infection                                                                             | Dr Alex Vaccaro                                                                                                                                                         |
| 08.43 – 08.52                                                                                           | Case based Panel discussion 2: Tubercular spinal infection                                                                           | Dr H S Chhabra                                                                                                                                                          |
| 08.52 – 09.00                                                                                           | Question and Answer                                                                                                                  | All Speaker                                                                                                                                                             |
| 09.00 – 10.00                                                                                           | AO KF Session 2: Neurologically Intact Thoracolumbar Burst Fractures (Moderators: Dr Charlotte Dandurand, Dr Vishal Kumar)           | ⌂60 minutes                                                                                                                                                             |
| 09.00 – 09.04                                                                                           | Introduction: Brief summary of the controversies in the management of thoracolumbar fracture                                         | Dr Rishi Kanna                                                                                                                                                          |
| 09.04 – 09.20                                                                                           | Debate: Operative vs. non-operative treatment of A3/A4 fractures                                                                     | Dr Sebastian Bigdon Vs Dr Alex Vaccaro                                                                                                                                  |
| 09.20 – 09.28                                                                                           | The influence of kyphosis in the choice of surgical approach and the role of anterior column support in TL A3/A4 fractures           | Dr Mohammad El-Sharkawi                                                                                                                                                 |
| 09.28 – 09.36                                                                                           | Posterior ligamentous complex injury detection and influence on decision-making                                                      | Dr Mohamed Aly                                                                                                                                                          |
| 09.36 – 09.44                                                                                           | The role of MIS surgery in TL A3A4 fractures                                                                                         | Dr Charlotte Dandarand                                                                                                                                                  |
| 09.44 – 09.54                                                                                           | TL A3 A4 fracture: Case Based Discussion                                                                                             | Dr Andrei Fernandes Joaquim                                                                                                                                             |
| 09.54 – 10.00                                                                                           | Conclusion: Questions and remarks                                                                                                    | All Speaker                                                                                                                                                             |
| 10.00 – 11.00                                                                                           | Patrick Kluger – Innovation in SCI Care                                                                                              | ⌂60 minutes                                                                                                                                                             |
| 10.00 – 10.08                                                                                           | Spinal Cord Stimulation and Neuromodulation: Research Hype or Practical Future?                                                      | Dr Sachin Kandhari                                                                                                                                                      |
| 10.08 – 10.16                                                                                           | Use of Robotics and Exoskeletons in Rehab: Novelty or Necessity?                                                                     | Mr Stafford Michahial                                                                                                                                                   |
| 10.16 – 10.24                                                                                           | Diaphragmatic pacing in enhancing recovery and ventilator weaning (to reduce ICU stay) of cervical spinal cord injury patients       | Dr Vyom Sharma                                                                                                                                                          |
| 10.24 – 10.32                                                                                           | Brain Computer Interface                                                                                                             | Dr Sudalaimani                                                                                                                                                          |
| 10.32 – 10.40                                                                                           | Clinical impact and clinical application of wearable robots                                                                          | TBD                                                                                                                                                                     |
| 10.40 – 10.48                                                                                           | Stem Cell Therapy: Experimental Hope vs Commercial Exploitation                                                                      | TBD                                                                                                                                                                     |
| 10.48 – 10.46                                                                                           | Future of Digital Rehabilitation in SCI Care                                                                                         | Dr R K Srivastava                                                                                                                                                       |
| 10.46 – 11.00                                                                                           | Discussion                                                                                                                           |                                                                                                                                                                         |
| 11.00 – 11.15   Tea Break   ⌂15 minutes                                                                 |                                                                                                                                      |                                                                                                                                                                         |
| 11.15 – 13.15                                                                                           | Plenary Session – Chairpersons: Dr H S Chhabra, Dr G Balamurali                                                                      | ⌂120 minutes                                                                                                                                                            |
| 11.15 – 11.35                                                                                           | Controversies, and management of challenging cases in cervical spine trauma                                                          | SCS ORATION – Dr Gregory Schroeder                                                                                                                                      |
| 11.35 – 11.55                                                                                           | Using emerging stimulation technologies to make the lives of persons with spinal cord injury happy , meaningful and worthliving      | Presidential Oration – Dr H S Chhabra                                                                                                                                   |
| 11.55 – 12.10                                                                                           | A peek into health/ SCI @ 50                                                                                                         | Patron & Immediate Past President SCS – Dr A K Mukherjee                                                                                                                |
| 12.10 – 12.25                                                                                           | TBD                                                                                                                                  | Presidential Guest Lecture – Dr Richard Bransford                                                                                                                       |
| 12.25 – 12.35                                                                                           | SCS Best Published Paper Award – Chairperson: Mrs Marie Kluger                                                                       | TBD                                                                                                                                                                     |
| 12.35 – 12.50                                                                                           | Comprehensive Spinal cord Injury rehabilitation – My past and present experience learned from India                                  | Invited Guest Talk – Prof. Apichana Kovindha                                                                                                                            |
| 12.50 – 13.15                                                                                           | Combined Panel Discussion A – Bridging the Gap Between Professional Opinions and Consumer Perspectives in Spinal Cord Injury         | <b>Moderator:</b> Dr G Balamurali<br><b>Panelists:</b> Dr Henry Prakash, Dr Sanjay Wadhwa, Dr Komal Kamra, Ms Deepa Sundareswaran, Ms Madhuri Paturi and Dr Rishi Kanna |
| 13.15 – 14.00   Lunch Break – 2 Luncheon Symposiums in the Trade Hall – Sun Pharma &Gesco   ⌂45 minutes |                                                                                                                                      |                                                                                                                                                                         |
| 14.00 – 15.00                                                                                           | Panel Discussion                                                                                                                     | ⌂60 minutes                                                                                                                                                             |
| 14.00 – 14.30                                                                                           | Panel Discussion – Cervical Bi-Facet Dislocation with Neurology – Approach?                                                          | <b>Moderator:</b> Dr Keerthivasan P<br><b>Panalist :</b> Dr Dilip Chand Raja, Dr Karunakaran, Dr Vivek Joseph, Dr Balamurugan S, Dr Sasidharan MDS                      |
| 14.30 – 15.00                                                                                           | Panel Discussion – CT Junction fracture management                                                                                   | <b>Moderator:</b> Dr Vidyadhara S<br><b>Panelists:</b> Dr Appaji Krishnan, Dr Vinoth Thangamani, Dr Parthasarathy Srinivasan, Dr Dhillon CS, Dr G Vijayaraghavan        |
| 15.00 – 15.45                                                                                           | Cervical Spine – Session 1 (Moderators: Dr Sudhir G, Dr Barani Rathinavelu)                                                          | ⌂45 minutes                                                                                                                                                             |
| 15.00 – 15.08                                                                                           | Odontoid fracture – Spectrum of presentation and different management options                                                        | Dr Vivek Joseph                                                                                                                                                         |
| 15.08 – 15.16                                                                                           | Surgical treatment of Hangman’s fracture – When and what?                                                                            | Dr Phani Kiran                                                                                                                                                          |
| 15.16 – 15.24                                                                                           | Atlas fracture – Indications and techniques of fixation                                                                              | Dr Muralidharan                                                                                                                                                         |
| 15.24 – 15.32                                                                                           | Management of Craniocervical trauma                                                                                                  | Dr Andrei Joaquim                                                                                                                                                       |
| 15.32 – 15.40                                                                                           | Significance and impact of transverse alar ligament injury in management                                                             | Dr Gurudip Das                                                                                                                                                          |
| 15.40 – 15.45                                                                                           | Discussion                                                                                                                           |                                                                                                                                                                         |
| 15.45 – 16.00   Tea Break   ⌂15 minutes                                                                 |                                                                                                                                      |                                                                                                                                                                         |
| 16.00 – 17.00                                                                                           | Cervical Spine – Subaxial (Moderators: Dr Hemant More, Dr Vigneshwara Badikillaya )                                                  | ⌂60 minutes                                                                                                                                                             |
| 16.00 – 16.08                                                                                           | Classification system for cervical trauma and decision making                                                                        | Dr Rishi Kanna                                                                                                                                                          |
| 16.08 – 16.16                                                                                           | Efficacy of surgery in the setting of trauma with pre-existing myelopathy                                                            | Dr Krish Sridhar                                                                                                                                                        |
| 16.16 – 16.24                                                                                           | Neglected cervical fractures and dislocations                                                                                        | Dr Edmond Gandham                                                                                                                                                       |
| 16.24 – 16.32                                                                                           | Decompression for incomplete cervical cord injury                                                                                    | Dr Ramachandran Govindasamy                                                                                                                                             |
| 16.32 – 16.40                                                                                           | Assessing the predictors of recovery and role of surgery in central cord syndrome in elderly                                         | Dr Balamurugan S                                                                                                                                                        |
| 16.40 – 16.48                                                                                           | Anterior CSF leak with cervical trauma                                                                                               | Dr Jos Jasper                                                                                                                                                           |
| 16.48 – 16.56                                                                                           | Reduction techniques for locked facets – closed, open, posterior or anterior                                                         | Dr Suresh Pillai                                                                                                                                                        |
| 16.56 – 17.00                                                                                           | Discussion                                                                                                                           |                                                                                                                                                                         |
| 17.00 – 18.00                                                                                           | Best Free Papers Award (Panalist: Dr V Selvin Prabhakar, Dr Aju Bosco and Judge: Dr Rishi Kanna, Dr C S Dhillon )                    | ⌂60 minutes                                                                                                                                                             |
| 18.00 – 19.00                                                                                           | Spine & Wine Session – Case Discussion (Moderators: Dr Balamurali G, Dr Sasidharan M D S)                                            | ⌂60 minutes                                                                                                                                                             |
| 18.00 – 18.15                                                                                           | Sacral fracture: where do we stand?                                                                                                  | <b>Panelists:</b> Dr Karunakaran, Dr Parthasarathy S, Dr Edmond Gandham                                                                                                 |
| 18.15 – 18.30                                                                                           | Decision making in osteoporotic VCF spine: what we should consider?                                                                  | <b>Panelists:</b> Dr Mirant Dave, Dr Vignesh Pushparaj, Dr Mukesh Thangavel                                                                                             |
| 18.30 – 18.45                                                                                           | Management of cervical fractures in a stiff spine                                                                                    | <b>Panelists:</b> Dr Sudhir Ganeshan, Dr Sagar Sharma, Dr Muralidharan V                                                                                                |
| 18.45 – 19.00                                                                                           | Rehabilitation at Home vs Specialized SCI Centers: What’s Optimal?                                                                   | <b>Panelists:</b> Dr Justin, Dr Dobson Dominic, Dr Karthikeyan R                                                                                                        |
| 19.00 – 20.00   Inaugural Ceremony   ⌂60 minutes                                                        |                                                                                                                                      |                                                                                                                                                                         |
| 20.00 onwards   Cultural Evening & Gala Dinner                                                          |                                                                                                                                      |                                                                                                                                                                         |

07.00–08.00 | Registration | ⌚60 minutes

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| 08.00 – 08.45                                                        | Thoracolumbar & Pelvic trauma (COSS)<br>(Moderators: Dr Prashanth Kekre, Dr Navaladi Sankar)                                                                    | ⌚45 minutes                                                                                                                                                       |
| 08.00 – 08.08                                                        | Classification Systems & Treatment Decisions (e.g. AOSpine TLICS vs TLICS)                                                                                      | Dr Dilip Chand Raja                                                                                                                                               |
| 08.08 – 08.16                                                        | Challenges in management of TL fractures in stiff spine (Ank Spond/DISH)                                                                                        | Dr Aju Bosco                                                                                                                                                      |
| 08.16 – 08.24                                                        | Post traumatic deformity in TL fracture management                                                                                                              | Dr Venkatesh Krishnan                                                                                                                                             |
| 08.24 – 08.32                                                        | Analysis and revision strategies for failed TL fracture fixation                                                                                                | Dr Parthasarathy S                                                                                                                                                |
| 08.32 – 08.40                                                        | Anterior column reconstruction in Thoracolumbar fractures – When and Why                                                                                        | Dr Appaji Krishnan                                                                                                                                                |
| 08.40 – 08.45                                                        | Discussion                                                                                                                                                      |                                                                                                                                                                   |
| 08.45 – 10.00                                                        | AO Spine KF Trauma & Infection Symposium: Osteoporotic thoracolumbar fractures (Moderators – Dr Alex Vaccaro, Dr Rajasekaran S)                                 | ⌚75 minutes                                                                                                                                                       |
| 08.45 – 08.53                                                        | Osteoporotic Vertebral Insufficiency Fractures (OVCF) – The new challenge (epidemiology, outcome with conservative treatment, reasons for conservative failure) | Dr Ashraf El-Naga                                                                                                                                                 |
| 08.53 – 09.03                                                        | OVCF classification and treatment decision (OF classification and OF- score)<br>The value of having a classification and score                                  | Dr Gaston Caminno-Willhuber                                                                                                                                       |
| 09.03 – 09.11                                                        | Percutaneous augmented stabilization – Indications and techniques                                                                                               | Dr Ulrich Spiegl                                                                                                                                                  |
| 09.11 – 09.19                                                        | Vertebral augmentation (Vertebroplasty, Kyphoplasty) – Pitfalls & Salvage options                                                                               | Dr Sebastian Bigdon                                                                                                                                               |
| 09.19 – 09.39                                                        | Same case (OF 3) different treatment, regional difference in treatment approaches                                                                               | Dr Andrei Joaquim, Dr Rick Bransford, Dr Maximilian Reinhold                                                                                                      |
| 09.39 – 09.49                                                        | Case Based Discussions showcasing different fractures (3 cases)                                                                                                 | Dr Martin Holas                                                                                                                                                   |
| 09.49 – 10.00                                                        | Question and Answer                                                                                                                                             | All Speakers                                                                                                                                                      |
| 10.00 – 11.00                                                        | Paediatric Spine Trauma & Others (Moderators: Dr Dhillon C S, Dr Suresh Pillai)                                                                                 | ⌚60 minutes                                                                                                                                                       |
| 10.00 – 10.08                                                        | Spino-pelvic dissociation – treatment decisions                                                                                                                 | Dr Dhillon CS                                                                                                                                                     |
| 10.08 – 10.16                                                        | Small Bones: Big implants – Challenges in paediatric spine fixation                                                                                             | Dr Rajasekaran S                                                                                                                                                  |
| 10.16 – 10.24                                                        | Cervical Spine Trauma in Children: differences in biomechanics vs adults, pitfalls in clearance                                                                 | Dr Vikas Tandon                                                                                                                                                   |
| 10.24 – 10.32                                                        | SCIWORA – a misnomer                                                                                                                                            | Dr Thomas Kishen                                                                                                                                                  |
| 10.32 – 10.40                                                        | Paediatric Thoraco Lumbar trauma- is it different                                                                                                               | Dr Umesh Srikantha                                                                                                                                                |
| 10.40 – 10.48                                                        | Management of traumatic C1- C2 subluxation in children                                                                                                          | Dr S K Srivatsava                                                                                                                                                 |
| 10.48 – 10.56                                                        | Long term Outcomes in Paediatric SCI – growth disturbances, deformity progression, late neurological decline                                                    | Dr Ankur Nanda                                                                                                                                                    |
| 10.56 – 11.00                                                        | Discussion                                                                                                                                                      |                                                                                                                                                                   |
| 11.00 – 11.15   Tea Break   ⌚15 minutes                              |                                                                                                                                                                 |                                                                                                                                                                   |
| 11.15 – 13.15                                                        | Plenary Session (Chairperson: Dr H S Chhabra, Dr G Balamurali)                                                                                                  | ⌚120 minutes                                                                                                                                                      |
| 11.15 – 11.35                                                        | Providing the gift of motion                                                                                                                                    | Air Marshall A S Chahal lecture – Dr Alexander Vaccaro                                                                                                            |
| 11.35 – 11.55                                                        | TBD                                                                                                                                                             | The Anthony F. Di Marco, MD Lectureship – Dr Anthony di Marco (online)                                                                                            |
| 11.55 – 12.10                                                        | TBD                                                                                                                                                             | Invited Guest Lecture – Dr S Rajasekeran                                                                                                                          |
| 12.10 – 12.25                                                        | TBD                                                                                                                                                             | Invited Guest Lecture – Dr Sajan Hegde                                                                                                                            |
| 12.25 – 12.50                                                        | Combined Panel Discussion: Rehab in the age of Robotics & AI – Game Changer or Overhype                                                                         | <b>Moderator:</b> Dr Henry Prakash<br><b>Panelists:</b> Dr Bharat Dave, Dr H S Chhabra, Dr R K Srivastava, TBD, Dr Narkeesh Arumugam, Dr Guhan Ramamurthy         |
| 12.50 – 13.15                                                        | Combined Panel Discussion: Establishing a sustainable SCI Programmes in India                                                                                   | <b>Moderator:</b> Dr Vishal Kundnani<br><b>Panelists:</b> Dr Preethi Srinivasan, Dr G Balamurali, Dr Karthikeyan R, Dr Shefali, Ms Nicky Kaur, Mr Stephen Muldoon |
| 13.15 – 14.00   Lunch Break   ⌚45 minutes                            |                                                                                                                                                                 |                                                                                                                                                                   |
| 14.00 – 15.00                                                        | Osteoporotic Spine Fractures, Pelvic trauma & Others (Moderator: Dr Sudhir G, Dr Vinoth Thangamani)                                                             | ⌚60 minutes                                                                                                                                                       |
| 14.00 – 14.08                                                        | Management of penetrating spinal cord injuries?                                                                                                                 | Dr Hemant More                                                                                                                                                    |
| 14.08 – 14.16                                                        | Role of sagittal balance in osteoporotic compression fractures                                                                                                  | Dr Sudhir G                                                                                                                                                       |
| 14.16 – 14.24                                                        | Osteoporotic fractures with deformity                                                                                                                           | Dr Niraj Vasavada                                                                                                                                                 |
| 14.24 – 14.32                                                        | Osteoporotic burst fractures- when to fix and when not to?                                                                                                      | Dr Ranjith Unnikrishnan                                                                                                                                           |
| 14.32 – 14.40                                                        | Implant pullout and fixation failure – salvage strategies                                                                                                       | Dr Gururaj Sangondimath                                                                                                                                           |
| 14.40 – 14.48                                                        | Adjacent level fractures after cement augmentation – risk factors & prevention                                                                                  | Dr Shailesh Hadgoankar                                                                                                                                            |
| 14.48 – 14.56                                                        | Sacral fractures management – Robotoc fixation adjuncts                                                                                                         | Dr Balamurugan T                                                                                                                                                  |
| 14.56 – 15.00                                                        | Discussion                                                                                                                                                      |                                                                                                                                                                   |
| 15.00 – 15.30                                                        | Special topics (Moderator: Dr Vishnu Prasad)                                                                                                                    | ⌚30 minutes                                                                                                                                                       |
| 15.00 – 15.08                                                        | Advances in SCI rehab                                                                                                                                           | Dr Guhan Ramamurthy                                                                                                                                               |
| 15.08 – 15.16                                                        | Complete vs Incomplete Injury: Can Prognosis Truly Guide Treatment Aggressiveness?                                                                              | Dr Bharat Dave                                                                                                                                                    |
| 15.16 – 15.24                                                        | Timing of surgery in complete and incomplete SCI                                                                                                                | Dr Neeraj Gupta                                                                                                                                                   |
| 15.24 – 15.32                                                        | Role of Endoscopy in Spine trauma                                                                                                                               | Dr Arun Bhanot                                                                                                                                                    |
| 15.32 – 15.40                                                        | Neuroprotective strategies and steroids in Acute SCI: Current                                                                                                   | Dr Anuj Mundra                                                                                                                                                    |
| 15.40 – 15.45                                                        | Discussion                                                                                                                                                      |                                                                                                                                                                   |
| 15.45 – 16.00   Tea Break   ⌚15 minutes                              |                                                                                                                                                                 |                                                                                                                                                                   |
| 16.00 – 17.00                                                        | SCS Gold Medal Award for Best Paper Session (Moderator: Dr Ranjith Unnikrishnan, Dr Ankur Nanda Judge: Dr Suresh Pillai, Dr Niraj Vasavada )                    | ⌚60 minutes                                                                                                                                                       |
| 17.00 – 17.30                                                        | Rehab Essentials for Spine Surgeons (Moderator – Dr G Balamurali)                                                                                               | ⌚30 minutes                                                                                                                                                       |
| 17.00 – 17.08                                                        | Spasticity Management: Botox, Baclofen Pump, or Physical Therapy?                                                                                               | Dr Sharan Srinivasan                                                                                                                                              |
| 17.08 – 17.16                                                        | Pressure Ulcer Prevention: Medical management vs smart beds/Tech?                                                                                               | Mrs Arockiasseeli Mabel                                                                                                                                           |
| 17.16 – 17.24                                                        | Neurogenic Bladder: Indwelling catheter vs intermittent vs surgical diversion?                                                                                  | Prof. Apichana Kovindha                                                                                                                                           |
| 17.24 – 17.32                                                        | Role of Peer network in living well with SCI                                                                                                                    | Dr Komal Kamra                                                                                                                                                    |
| 17.32 – 17.40                                                        | Consequences of Spinal Cord Injury, Oversight and Crucial role of Psychologist                                                                                  | Dr Shanu Srivastava                                                                                                                                               |
| 17.40 – 18.00   Valedictory and End of Main conference   ⌚20 minutes |                                                                                                                                                                 |                                                                                                                                                                   |