Prevention, Early Detection and Management of Spine Disability: A Patient-centric Integrated Approach

January 18-19, 2019
Kamothe, Navi Mumbai, India
MGM Institute of Health Sciences Auditorium - Plot 1 & 2
Prevention, Early Detection & Management of Spine Disability:
A Patient-centric Integrated Approach

Learning objectives:

• Understand the structure and function of the spine.
• Learn about spine disabilities and patient perception in various patient groups
• Create awareness about spine disorders globally
• Be exposed to an overview of effective clinical pathways and models of care for spine disorders
• Understand clinical triage of care in evaluation and diagnostics of spine care
• Learn about effectiveness of conservative management and treatment of spine disorders
• Understand various options of surgical management of spine disorders
• Understand the role of an integrated patient-centred approach for prevention of spine disability
### Scientific Programme

**Friday January 18, 2019**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 09.00 - 09.10 | **Welcome and opening speech**  
*WHO representative, India* |
| **Symposium 1: Spine structure and function**  
Moderator: Dr. Margareta Nordin |
| 09.10 - 09.50 | **Keynote:** Spine biomechanics for clinicians  
*Dr. Manohar Panjabi* |
| 09.55 - 10.10 | Bone health of spine: India and global  
*Dr. Subhash Dhiware* |
| 10.15 - 10.30 | Biomechanics of spine in traditional Indian movements  
*Dr. Rajani Mullerpatan* |
| 10.35 - 10.50 | Panel discussion |
| 10.50 - 11.10 | Break |
| **Symposium 2: Evaluation of spine – Triage of care**  
Moderator: Dr. Scott Haldeman |
| 11.15 - 11.55 | **Keynote:** Primary care triage spine disorder 'red flags'  
*Dr. Adam Wilke* |
| 12.00 - 12.15 | Physical spine evaluation  
*Pradnya Girdhar* |
| 12.20 - 12.35 | Radiological spine evaluation  
*Dr. Alberto Zerbi* |
| 12.40 - 12.55 | Panel discussion |
| 13.00 - 13.40 | Lunch |
| **Symposium 3: Spine disability – Various patient groups and different perceptions**  
Moderator: Dr. Pierre Côté |
| 13.45 - 14.20 | **Keynote:** Spine disability caused by trauma, degeneration, infection and auto-immune disorders  
*Dr. Kuldeep Raj Salgotra* |
| 14.25 - 14.40 | WHO disability concept spine disorders  
*Dr. Carol Cancilliere* |
| 14.45 - 15.00 | Spine disability in CP  
*Dr. Ashok Johari* |
| 15.00 - 15.15 | Panel discussion |
| 15.15 - 15.35 | Break |
| **Symposium 4: Burden of spine disorders – Global and Indian scenario**  
Moderator: Dr. Rajani Mullerpatan |
| 15.35 - 16.15 | **Keynote:** Global burden of spine disorders  
*Dr. Pierre Côté* |
| 16.20 - 16.35 | Burden of spinal disability in India: Southwest Maharashtra  
*Yuvraj Singh & Shweta Nahar* |
| 16.40 - 17.55 | Burden of spinal disability in Bangladesh  
*Dr. Dollilur Rahman* |
| 17.00 - 17.15 | Burden of spinal disability in Nepal  
*Dr. Khadga Gurung* |
<p>| 17.15 - 17.30 | Panel discussion |</p>
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<tr>
<td>09.00 - 09.40</td>
<td><strong>Keynote</strong>: What is the best early care when is it needed based on evidence?</td>
<td>Dr. Margareta Nordin</td>
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<td>09.45 - 10.00</td>
<td>The Kamote clinic for underserved populations</td>
<td>Dr. Rajani Mullerpartan</td>
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<td>10.05 - 10.20</td>
<td>The Gadchiroli clinic</td>
<td>Dr. Bang to be confirmed</td>
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<td>10.25 - 10.40</td>
<td><strong>Panel discussion</strong></td>
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<td>11.05 - 11.45</td>
<td><strong>Keynote</strong>: When is surgery needed for the management of spine disorders?</td>
<td>Dr. S. Rajasekaran</td>
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<td>11.50 - 12.05</td>
<td>Minimally surgical techniques</td>
<td>Dr. Satishchandra Gore</td>
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<td>12.10 - 12.25</td>
<td>Challenges in rural Indian setting</td>
<td>Dr. Raghu Prasad Varma</td>
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<td>13.25 - 14.00</td>
<td><strong>Keynote</strong>: Global Spine Care Initiative (GSCI) approach</td>
<td>Dr. Scott Haldeman</td>
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<td>14.30 - 14.45</td>
<td>Can yoga emerge as early model of spine care?</td>
<td>Kaivalyadham Team, Lonavala</td>
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<td>14.10 - 14.25</td>
<td>Turning evidence into policy of spine care</td>
<td>Dr. Pierre Côté</td>
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<td>15.55 - 16.15</td>
<td>Valedictory</td>
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Scientific programme committee

1. Adam Wilke, DC, Vice President, World Spine Care Europe, Holmfirth, United Kingdom

2. Kuldip Raj Salgotra, MS (Ortho), Lt. General, Director and Professor, Department of Orthopaedics; Medical Superintendent/Hospital Director, MGM Hospital, Kamothe, Navi Mumbai, India

3. Margareta Nordin, Dr. Med. Sci., PT, Professor, Department of Orthopaedic Surgery and Environmental Medicine, New York University, New York, NY, USA; President, World Spine Care Europe, Holmfirth, United Kingdom

4. Raghu Prasad Varma, MS Orthopaedics, DNB-Consultant Spine Surgeon, Fortis Hiranandani Hospital, Mumbai, India

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7. Shashank Dalvi, MBBS, MD (P & SM), Vice Chancellor, MGM Institute of Health Sciences, Kamothe, Navi Mumbai, India

Faculty

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2. Alberto Zerbi, MD, EFM, Professor, Department of Radiology, University of Milan and Monza Bicocca. Chief, Department of Radiology IRCCS Instituto Ortopedico Galeazzi, Milan, Italy

3. Ashok Johari, MS Orthopaedics, President of the Paediatric Orthopaedic Society of India (POSI) and the founding Vice-President of the Indian Academy of Cerebral Palsy (IACP), Mumbai, India.

4. Carol Cancelliere, DC, PhD, CCRF Research Chair in Knowledge Translation, Faculty of Health Sciences, University of Ontario Institute of Technology, Toronto, ON, Canada

5. Dollilur Rahman, PT, President, Bangladesh Physiotherapy Association, Dhaka, Bangladesh
6. Khadga Gurung, MPT, Therapy Unit Head, *Green Pasture Hospital and Rehabilitation Centre, Nepal*

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8. Manohar Panjabi, PhD; Professor Emeritus, Dept of Orthopaedics and Rehabilitation and Mechanical Engineering, *Yale University- Spine Biomechanics*, Boston, MA, *USA*


10. Pierre Côté, DC, PhD Epidemiologist, Professor and Director of the *University of Ontario Institute of Technology* - Canadian Memorial Chiropractic College (UOIT-CMCC) Centre for the Study of Disability Prevention and Rehabilitation, Toronto, *Canada*.

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14. Satishchandra Gore; MBBS, MS Orthopaedics, FABMISS, Minimally Invasive Spine Surgeon, Fellow of the American Board of Minimally Invasive Spine Surgery Fellow of the Asian Academy of Minimally Invasive Spine Surgery Ex-President of the Asian Academy for Minimally Invasive Spine Surgery, Pune, *India*

15. Scott Haldeman, DC, MD, PhD, FRCP, FAAN. President, *World Spine Care* - Global Spine Care Initiative (GSCI), Santa Ana, CA, USA. Clinical Professor, Department of Neurology, *University of California*, Irvine, CA, *USA*.

16. Subhash Dhiware, MS Orthopaedics, Consultant Orthopaedic Surgeon, Orthopaedic Department, *MGM Hospital*, Vashi, *India*

17. S. Rajasekaran, MS, DNB, FRCS(ED), FRCS. (LOND), M.CH, FACS, PHD, Chairman and Head, Department of Orthopedics and Spine Surgery, *Ganga Medical Centre & Hospitals Pvt Ltd*, Coimbatore, *India*.

18. Yuvraj Singh, MPT, Assistant Professor, *MGM School of Physiotherapy*, Kamothe, Navi Mumbai, *India*