

The 51st Annual Meeting of the Japanese Society for Spine Surgery and Related Research  
The First Day-April 21 (Thursday)

☐ : English Session

Venue	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
<b>Room 1</b> G1+G2 (1F)	8:00~8:10 Opening Remarks	8:10~9:40 Visionary Session 1 Innovative diagnostic imaging technology for spinal disease S. Orita, Y. Yamada, K. Wakaizumi, H. Iwasaki		10:00~11:30 Symposium 1 Current state and future of spinal deformity treatment M. Ito, S. Tepppei, M. Yazici, H. Kuroki, M. Yagi		11:40~12:40 Luncheon Seminar 1 Y. Matsuyama	13:00~13:50 Business Meeting	14:00~14:30 Keynote Lecture K. Kawazoe	14:30~15:00 Congress Presidential Lecture M. Nakamura	15:10~17:10 I. Research initiate by JSSR2022 (15:10~16:40) S. Maki, T. Furuya, T. Kaito, Y. Kawaguchi, F. Tezuka, H. Shigematsu, K. Ito II. Leading the way with the JSSR-DB project (16:40~17:10) Y. Matsuyama, T. Kanemura	17:30~18:30 Afternoon Seminar 1 T. Shimizu		
<b>Room 2</b> G7 (1F)		8:10~9:10 Educational Lecture 1 H. Nakamura	9:20~10:20 Special Lecture 1 H. Okano	10:30~11:30 Special Lecture 2 Y. Sankai	11:40~12:40 Luncheon Seminar 2 K. Fukuda				15:10~16:10 Educational Lecture 2 K. Chiba			19:00~20:00 Welcome Reception	
<b>Room 3</b> G8 (1F)		8:10~9:00 Main Theme 1 Prognostic factors of surgery for cervical spondylotic myelopathy	9:20~10:10 Main Theme 2 Current states of ossification of the spinal ligaments: Diagnosis and treatment	10:30~11:20 Main Theme 3 Diagnosis and treatment of spinal cord diseases	11:40~12:40 Luncheon Seminar 3 A. Minamide				15:10~16:10 Educational Lecture 3 T. Yamashita				
<b>Room 4</b> G303+G304 (3F)		E 8:10~9:00 English Presentation Award 1 Basic science	E 9:20~10:10 English Presentation Award 2 Cervical spine	E 10:30~11:20 English Presentation Award 3 Spinal deformity	11:40~12:40 Luncheon Seminar 4 Y. Fujiwara				E 15:10~16:00 English Presentation Award 4 Thoracolumbar spine	E 16:20~16:50 Invited Lecture 1 *Visits to Japan are cancelled	E 16:50~17:20 Invited Lecture 2 *Visits to Japan are cancelled	17:30~18:30 Afternoon Seminar 2 T. Morimoto	
<b>Room 5</b> G301+G302 (3F)		8:10~9:00 Free Papers 1 OVF: Epidemiology & diagnosis	9:20~10:10 Free Papers 2 OVF: Conservative treatment	10:30~11:20 Free Papers 3 OVF: Prognosis	11:40~12:40 Luncheon Seminar 5 K. Sairyō				15:10~16:00 Main Theme 4 Translational research	16:20~17:10 Main Theme 5 Leading edge of treatment for intervertebral disc herniation	17:30~18:30 Afternoon Seminar 3 H. Suzuki		
<b>Room 6</b> G314+G315 (3F)		8:10~9:00 Free Papers 4 Spinal cord tumor	9:20~10:10 Free Papers 5 Spinal cord pathology	10:30~11:20 Free Papers 6 Neuromonitoring	11:40~12:40 Luncheon Seminar 6 S. Okada				15:10~16:00 Free Papers 7 Diagnostic imaging-1	16:20~17:10 Free Papers 8 Diagnostic imaging-2	17:30~18:30 Afternoon Seminar 4 H. Funao G. Inoue		
<b>Room 7</b> G318+G319 (3F)		8:10~9:00 Free Papers 9 Spinal metastasis (diagnosis & prognosis)	9:20~10:10 Free Papers 10 Spinal metastasis (surgery)	10:30~11:20 Free Papers 11 Spinal metastasis (adjuvant therapy)	11:40~12:40 Luncheon Seminar 7 S. Kato				15:10~16:00 Free Papers 12 Spinal trauma	16:20~17:10 Free Papers 13 DISH & AS	17:30~18:30 Afternoon Seminar 5 Y. Arai		
<b>Room 8</b> G403+G404 (4F)		8:10~9:00 Free Papers 14 ASD pathology & epidemiology	9:20~10:10 Free Papers 15 ASD surgery (outcome)-1	10:30~11:20 Free Papers 16 ASD surgery (outcome)-2	11:40~12:40 Luncheon Seminar 8 T. Tsuji				15:10~16:00 Free Papers 17 ASD complications-1	16:20~17:10 Free Papers 18 ASD complications-2	17:30~18:30 Afternoon Seminar 6 M. Takahata T. Nikaido		
<b>Room 9</b> G401+G402 (4F)		8:10~9:00 Free Papers 19 Spinal cord injury (prognosis)	9:20~10:10 Free Papers 20 Spinal cord injury (outcome)	10:30~11:20 Free Papers 21 Spinal cord injury (complications)	11:40~12:40 Luncheon Seminar 9 K. Ohmori				15:10~16:00 Free Papers 22 Cervical OPLL-1	16:20~17:10 Free Papers 23 Cervical OPLL-2	17:30~18:30 Afternoon Seminar 7 T. Miyamoto		
<b>Room 10</b> G414+G415 (4F)									15:10~17:10 Hands on Seminar 1 Training Session and Hands-on Seminar for OLIF51™ Y. Kotani, T. Iida				
<b>Poster Room</b> G3-G6 (1F)		8:00~11:00 Poster Preparation			11:00~15:30 Poster Display				15:30~16:30 Poster 1				

Pacifico Yokohama North

# The Second Day-April 22 (Friday)

☐ : English Session

Venue	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00			
<b>Room 1</b> G1+G2 (1F)		8:40~10:10 <b>Symposium 2</b> Basic and clinical research on spinal cord injury K. Suda, S. Okada, N. Nagoshi, R. Hirota, M. Koda	10:20~11:50 <b>Visionary Session 2</b> Current state and future of regenerative medicine for spinal cord & column surgery T. Kaito, T. Miyamoto, K. Kitamura, D. Sakai			12:10~13:10 <b>Luncheon Seminar 10</b> K. Watanabe	13:30~14:30 <b>Luncheon Seminar 19</b> S. Fujibayashi D. Togawa	14:50~15:50 <b>Educational Lecture 5</b> M. Yamazaki	16:10~17:40 <b>Visionary Session 3</b> Advanced sciences and technology in spinal disorders K. Ishii, T. Shimono, C. Terao, R. Nakahara			18:40~19:40 <b>Supervisory Doctor's Evening Seminar</b> Medical safety on the introduction of new technology in spinal surgery N. Hosogane				
<b>Room 2</b> G7 (1F)		8:40~9:30 <b>Main Theme 6</b> Treatment strategy of AIS based on the long term prognosis	9:50~10:50 <b>Educational Lecture 4</b> A. Okawa	11:00~11:50 <b>Main Theme 7</b> Surgical complication in ASD surgery-1		12:10~13:10 <b>Luncheon Seminar 11</b> K. Miki	13:30~14:30 <b>Luncheon Seminar 20</b> Y. Kawaguchi	14:50~15:40 <b>Main Theme 8</b> Surgical complication in ASD surgery-2	16:00~17:00 <b>Educational Lecture 6</b> K. Takeshita	17:10~18:00 <b>Main Theme 9</b> Treatment strategy of metastatic spinal tumors						
<b>Room 3</b> G8 (1F)		E 8:40~9:10 <b>Invited Lecture 3</b> *Visits to Japan are cancelled	E 9:10~9:40 <b>Invited Lecture 4</b> *Visits to Japan are cancelled	E 9:50~10:20 <b>Invited Lecture 5</b> L. Arendt-Nielsen	E 10:20~10:50 <b>Invited Lecture 6</b> D. Samartzis	E 11:00~11:30 <b>Invited Lecture 7</b> *Visits to Japan are cancelled	E 11:30~12:00 <b>Invited Lecture 8</b> *Visits to Japan are cancelled	12:10~13:10 <b>Luncheon Seminar 12</b> T. Ushida	13:30~14:30 <b>Luncheon Seminar 21</b> R. Takemasa	E 14:40~15:10 <b>Invited Lecture 9</b> *Visits to Japan are cancelled	E 15:10~15:40 <b>Invited Lecture 10</b> *Visits to Japan are cancelled	E 15:50~16:20 <b>Invited Lecture 11</b> H. Wong	E 16:20~16:50 <b>Invited Lecture 12</b> H. Koller	E 17:00~17:30 <b>Invited Lecture 13</b> S. Parent	E 17:30~18:00 <b>Invited Lecture 14</b> *Visits to Japan are cancelled	E 18:00~18:30 <b>Invited Lecture 15</b> *Visits to Japan are cancelled
<b>Room 4</b> G303+G304 (3F)	7:30~8:30 <b>Morning Seminar 1</b> Y. Yamato	8:40~9:30 <b>Main Theme 10</b> Challenges and managements in the treatment of spinal cord diseases in the elderly	9:50~10:40 <b>Main Theme 11</b> Therapeutic strategies for spinal disorders complicated by osteoporosis-1	11:00~11:50 <b>Main Theme 12</b> Therapeutic strategies for spinal disorders complicated by osteoporosis-2		12:10~13:10 <b>Luncheon Seminar 13</b> T. Aizawa	13:30~14:30 <b>Luncheon Seminar 22</b> D. Sakai	14:50~15:40 <b>Main Theme 13</b> Application of novel technology in spine surgery	15:50~16:40 <b>Main Theme 14</b> Ingenuity and evidence for postoperative infection in spine surgery	16:50~17:40 <b>Main Theme 15</b> The advantages and disadvantages of minimally invasive spine surgery						
<b>Room 5</b> G301+G302 (3F)	7:30~8:30 <b>Morning Seminar 2</b> N. Hara T. Sugawara	8:40~9:30 <b>Free Papers 24</b> LSS outcome	9:50~10:40 <b>Free Papers 25</b> Degenerative lumbar spine condition complications	11:00~11:50 <b>Free Papers 26</b> Lumbar decompression surgery outcome		12:10~13:10 <b>Luncheon Seminar 14</b> M. Hoshino	13:30~14:30 <b>Luncheon Seminar 23</b> K. Inage	14:50~15:40 <b>Free Papers 27</b> Lumbar fusion (adjacent level pathology)	15:50~16:40 <b>Free Papers 28</b> Lumbar fusion (bone fusion, evaluation)	16:50~17:40 <b>Free Papers 29</b> Lumbar fusion (elderly, etc.)	17:50~18:40 <b>Free Papers 30</b> Chemonucleolysis					
<b>Room 6</b> G314+G315 (3F)	7:30~8:30 <b>Morning Seminar 3</b> Y. Ito	8:40~9:30 <b>Free Papers 31</b> AIS diagnosis	9:50~10:40 <b>Free Papers 32</b> AIS surgery (Type 1, 2)	11:00~11:50 <b>Free Papers 33</b> AIS surgery (Type 5, 6)		12:10~13:10 <b>Luncheon Seminar 15</b> S. Imagama	13:30~14:30 <b>Luncheon Seminar 24</b> N. Miyakoshi, H. Hagino	14:50~15:40 <b>Free Papers 34</b> AIS surgery (outcome)	15:50~16:40 <b>Free Papers 35</b> EOS, neuromuscular & syndromic scoliosis	16:50~17:40 <b>Free Papers 36</b> Thoracic OPLL/OYL	17:50~18:40 <b>Free Papers 37</b> Thoracic myelopathy					
<b>Room 7</b> G318+G319 (3F)	7:30~8:30 <b>Morning Seminar 4</b> M. Ito	8:40~9:30 <b>Free Papers 38</b> Translational research	9:50~10:40 <b>Free Papers 39</b> Machine learning	11:00~11:50 <b>Free Papers 40</b> Cohort study		12:10~13:10 <b>Luncheon Seminar 16</b> N. Tanaka	13:30~14:30 <b>Luncheon Seminar 25</b> S. Kato T. Kanemura	14:50~15:40 <b>Free Papers 41</b> Basic science (spinal cord)	15:50~16:40 <b>Free Papers 42</b> Basic science (spinal cord & spinal cord tumor)	16:50~17:40 <b>Free Papers 43</b> Basic science (bone, cartilage and intervertebral disc)	17:50~18:40 <b>Free Papers 44</b> Basic science (spinal deformity & ligament)					
<b>Room 8</b> G403+G404 (4F)		8:40~9:30 <b>Free Papers 45</b> Cranio cervical and upper cervical spine	9:50~10:40 <b>Free Papers 46</b> Dropped head syndrome	11:00~11:50 <b>Free Papers 47</b> Cervical spine disorders: Surgical outcome		12:10~13:10 <b>Luncheon Seminar 17</b> T. Tsuji S. Orita	13:30~14:30 <b>Luncheon Seminar 26</b> K. Endo	14:50~15:40 <b>Free Papers 48</b> Cervical spine surgery: Complications	15:50~16:40 <b>Free Papers 49</b> Laminoplasty (outcome)	16:50~17:40 <b>Free Papers 50</b> Cervical fusion surgery (outcome)	17:50~18:40 <b>Free Papers 51</b> ACDF & ASF (outcomes)					
<b>Room 9</b> G401+G402 (4F)		8:40~9:30 <b>Free Papers 52</b> Low back pain	9:50~10:40 <b>Free Papers 53</b> Lumbar spine (pathology & conservative treatment)	11:00~11:50 <b>Free Papers 54</b> Lumbar spine (ADL diagnosis, epidemiology, etc.)		12:10~13:10 <b>Luncheon Seminar 18</b> K. Sairyo	13:30~14:30 <b>Luncheon Seminar 27</b> A. Shinohara S. Ebara	14:50~15:40 <b>Free Papers 55</b> ASD alignment	15:50~16:40 <b>Free Papers 56</b> ASD surgery	16:50~17:40 <b>Free Papers 57</b> OVF: Surgery	17:50~18:40 <b>Free Papers 58</b> OVF: Surgery & BKP					
<b>Room 10</b> G414+G415 (4F)		8:40~10:10 <b>Hands on Seminar 2</b> Training Session and Hands-on Seminar for Cervical artificial disc replacement "Prestige LP" K. Sakai, H. Mihara														
<b>Poster Room</b> G3-G6 (1F)						8:30~17:00 Poster Display					17:00~18:00 Poster 2					

Pacifico Yokohama North

# The Third Day-April 23 (Saturday)

☐ : English Session

Venue	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
<b>Room 1</b> G1+G2 (1F)		8:20~9:50 <b>Symposium 3</b> Challenges of refractory spinal disease K. Watanabe, S. Kato, N. Nagoshi, S. Imagama, S. Takahashi		10:10~11:40 <b>Visionary Session 4</b> Cutting edge spinal surgery K. Sairyo, T. Yoshii, T. Kanemura, H. Haro, R. Lehman		11:40~11:50 <b>Closing Remarks</b>							
<b>Room 2</b> G7 (1F)		8:20~9:20 <b>Special Lecture 3</b> T. Furukawa		9:30~10:30 <b>Educational Lecture 7</b> S. Konno									
<b>Room 3</b> G8 (1F)		E 8:20~8:50 <b>Invited Lecture 16</b> *Visits to Japan are cancelled	E 8:50~9:20 <b>Invited Lecture 17</b> *Visits to Japan are cancelled	E 9:30~10:00 <b>Invited Lecture 18</b> *Visits to Japan are cancelled	E 10:00~10:30 <b>Invited Lecture 19</b> *Visits to Japan are cancelled								
<b>Room 4</b> G303+G304 (3F)		8:30~9:20 <b>Main Theme 16</b> Cost utility abnalysis of spinal surgery		9:40~10:30 <b>Main Theme 17</b> Multidisciplinary treatment for chronic low back pain		10:50~11:40 <b>Main Theme 18</b> Countermeasures against postoperative residual symptoms							
<b>Room 5</b> G301+G302 (3F)		8:30~9:20 <b>Free Papers 59</b> Locomotive syndrome		9:40~10:30 <b>Free Papers 60</b> Sarcopenia & frailty		10:50~11:40 <b>Free Papers 61</b> Motion analysis & paravertebral muscles, spinal alignment							
<b>Room 6</b> G314+G315 (3F)		8:30~9:20 <b>Free Papers 62</b> Spine surgery complications		9:40~10:30 <b>Free Papers 63</b> Spine surgery complications (blood loss & SSI)		10:50~11:40 <b>Free Papers 64</b> Spine surgery complications (miscellaneous)							
<b>Room 7</b> G318+G319 (3F)		8:30~9:20 <b>Free Papers 65</b> Novel spine surgery & procedures		9:40~10:30 <b>Free Papers 66</b> Spondylolysis, spondylolisthesis & foraminal stenosis		10:50~11:40 <b>Free Papers 67</b> Lumbar revision surgery & SI joint pain							
<b>Room 8</b> G403+G404 (4F)		8:30~9:20 <b>Free Papers 68</b> Cervical spine disorders: Pathology, etc.		9:40~10:30 <b>Free Papers 69</b> Cervical spine alignment		10:50~11:40 <b>Free Papers 70</b> Plogenic spondylitis & SSI							
<b>Room 9</b> G401+G402 (4F)		8:30~9:20 <b>Free Papers 71</b> Lumbar endoscopic surgery (outcome)		9:40~10:30 <b>Free Papers 72</b> LLIF-1		10:50~11:40 <b>Free Papers 73</b> LLIF-2							
<b>Room 10</b> G414+G415 (4F)		8:30~9:20 <b>Free Papers 74</b> Global alignment (hip spine syndrome, etc.)		9:40~10:30 <b>Free Papers 75</b> Spine surgery complications implant related)									
<b>Poster Room</b> G3-G6 (1F)		8:30~12:00 Poster Display				12:00~13:00 Removal of Poster							

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