<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Welcome and Announcements</td>
<td></td>
<td>Zoher Ghogawala, MD and Rick C. Sasso, MD</td>
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<tr>
<td>7:11 am</td>
<td>SESSION VIII: ANTERIOR CERVICAL SURGERY</td>
<td>What is the Fate of the Pseudarthrosis Detected at One Year after Anterior Cervical Discectomy and Fusion?</td>
<td>Jae Hwan Cho, MD; Jung-Ki Ha, MD; Choon Sung Lee, MD, PhD; Chang Ju Hwang, MD; Sung Hoon Choi, MD; Chul Gie Hong, MD; Youn-Suk Joo, MD; Dong-Ho Lee, MD, PhD</td>
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<td>7:18 am</td>
<td>Presentation #47</td>
<td>ACFD with Total En Bloc Resection of Uncinate in Foraminal Stenosis of the Cervical Spine: Comparison with Conventional ACDF</td>
<td>Kyung-Soo Suk, MD, PhD; Hak-Sun Kim, MD, PhD; Seong-Hwan Moon, MD, PhD; Hwan-Mo Yang, MD, PhD; Jae-Ho Yang, MD; Sung-Yub Jin, MD; Pierre M. Mella, MD</td>
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<td>7:25 am</td>
<td>Presentation #48</td>
<td>Predictors of Extended Hospital Stay after Cervical Disc Replacement or Anterior Cervical Discectomy and Fusion: Results from 1,004 Patients in an FDA Trial</td>
<td>S. Tim Yoon, MD, PhD; Aaron J. Greenberg, MD; Praveen V. Mummaneni, MD</td>
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<td>7:32 am</td>
<td>Presentation #49</td>
<td>Effect of Inclusion of Asymptomatic Spondylotic Levels on Adjacent Segment Disease following ACDF</td>
<td>Caleb J. Behrend, MD; Paul W. Millhouse, MD; Vismay Thakkar, MD; Alexander R. Vaccaro, III, MD, PhD; Alan S. Hilibrand, MD; Todd J. Albert, MD</td>
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<td>7:39 am</td>
<td>Presentation #50</td>
<td>Adjacent Segment Range of Motion does not Increase Two Years after Single-Level Cervical Arthrodesis</td>
<td>William Anderst, PhD; Tyler West; William F. Donaldson, III, MD; Joon Yung Lee, MD; James D. Kang, MD</td>
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<td>8:00 am</td>
<td>SESSION IX: DYSPHAGIA</td>
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<td>Howard S. An, MD and Ronald I. Apfelbaum, MD</td>
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<td>8:00 am</td>
<td>Presentation #51</td>
<td>Prospective Comparison of Dysphagia following Anterior Cervical Discectomy and Fusion (ACDF) with and without rhBMP-2</td>
<td>Michael R. Murray, MD; Steven K. Leckie, MD; Bradley W. Moatz, MD; Adam J. Schell, MD; Ajay Premkumar, BS; John G. Heller, MD</td>
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* Infuse Bone Graft – Medtronic
Friday, Dec 4, 2015 • Seaport Ballrooms FGH

8:07 – 8:13 am Presentation #52
Influence of the Neck Postural Change on Cervical Spine Motion and Angle during Swallowing
Jun Young Kim, MD; Il Sup Kim, MD, PhD; Sunghun Im, MD; Jae Taek Hong, MD, PhD

8:14 – 8:20 am Presentation #53
WITHDRAWN FROM PROGRAM

8:21 – 8:27 am Presentation #54
Impact of Local Intraoperative Steroid Application on Patient-Reported Swallow Function following an Anterior Cervical Discectomy and Fusion: Preliminary Results
Junyoung Ahn, BS; Junho Ahn, BS; Daniel D. Bohl, MD, MPH; Ehsan Tabaraee, MD; Gabriel Duhancioglu, MS; Rahul Kamath, MS; Daniel J. Johnson, BS; Dustin H. Massel, BS; Kern Singh, MD

8:28 – 8:34 am Discussion

8:44 – 8:52 am Introduction of CSRS President—Robert F. Heary, MD

8:53 – 9:25 am PRESIDENTIAL ADDRESS—Alan S. Hilibrand, MD

9:26 – 9:56 am Break

9:57 – 10:45 am SESSION X: MYELOPATHY II
Moderators: Jacob M. Buchowski, MD, MS and Christopher I. Shaffrey, MD

9:57 – 10:03 am Presentation #55
The Effect of Local Intraoperative Steroid Administration on the Rate of Post-Operative Dysphagia following ACDF: A National Database Study of 245,754 Patients
Jourdan M. Cancienne, MD; Brian C. Werner, MD; Anuj Singla, MD; Hamid Hassanzadeh, MD; Frank H. Shen, MD; Adam L. Shimer, MD

10:04 – 10:10 am Presentation #56
The Application of a Novel Sensitive Gait Assessment Method to Optimize the Evaluation of Patients with Degenerative Cervical Myelopathy
Sukhvinder K. Kalsi-Ryan, BScPT, MSc, PhD; Alex Laliberte, MSc; Spyridon K. Karadimas, MD, PhD; Eric M. Massicotte, MD; Mohammed F. Shamji, MD, PhD; Michael G. Fehlings, MD, PhD

10:11 – 10:17 am Presentation #58
The Fail and Fracture Risk of Medicare Patients with Cervical Myelopathy
Daniel J. Blizzard, MD, MS; Michael A. Gallizzi, MD, MS; Charles Sheets, PT; Collin T. Penrose, BA, BS; Robert E. Isaacs, MD; Christopher R. Brown, MD

10:18 – 10:24 am Presentation #59
Minimum Clinically Important Difference (MCID) of the JOA Score and 10-Second Test in Cervical Myelopathy Disorders
Eiji Wada, MD

10:25 – 10:31 am Presentation #60
The Minimum Clinically Important Difference of the Modified Japanese Orthopaedic Association Scale in Patients with Degenerative Cervical Myelopathy
Lindsay Tetreault, HBSc; Branko Kopjar, MD, PhD; Pierre Cote, DC, PhD; Aria Nouri, MD; Michael G. Fehlings, MD, PhD

10:32 – 10:45 am Discussion

10:46 – 11:34 am SESSION XI: OUTCOMES
Moderators: Mitchel B. Harris, MD and Serena S. Hu, MD

10:46 – 10:52 am Presentation #61
The Association between Preoperative Mental Distress and Patient Reported Outcome in Patients Treated Surgically for Cervical Radiculopathy
Martin Skeppholm, MD, PhD; Claes Olerud, MD, PhD

11:00 – 11:06 am Presentation #63
Outcomes and Complications of Fusions from the Cervical Spine to the Pelvis: Series of 46 Cases with Average 2.7-Year Follow-up
Srivastav Iyer, MD; Han-Jo Kim, MD; Alexander A. Theologis, MD; Venu M. Nemani, MD, PhD; Todd J. Albert, MD; Lawrence G. Lenke, MD; Shane Burch, MD; Oheneba Boachie-Adjei, MD; Vedat Deviren, MD; Themistocles S. Protopsisaltis, MD; Justin S. Smith, MD, PhD; Justin K. Scheer, BS; Jun Mizutani, MD; Eric O. Klineberg, MD; Christopher P. Ames, MD

11:07 – 11:13 am Presentation #64
Impact of Averse Events on Clinical Outcome: Results through Five-Year Follow-up
Michael S. Hisey, MD; Donna D. Ohnmeiss, MD, DrMed; Hyun W. Bae, MD; Jack E. Zigler, MD

* The FDA has not cleared the drug and/or medical device for the use described (i.e., the drug and/or medical device noted with an * is being discussed for an “off-label” use). See inside back cover for information.
Presentation #65
Quality of Life and General Health following Elective Surgery for Cervical Spine Pathologies: Determining Valid and Responsive Metric of Health State Utility
Silky Chotai, MD; Scott L. Parker, MD; Ahilan Skaganesan, MD; J. Alex Sielatycki, MD; Joseph B. Wick, BA; Matthew J. McGirt, MD; Clinton J. Devin, MD

Discussion

2015 CSRS North America Traveling Fellowship Report
Themistocles S. Protopsaltis, MD; Kern Singh, MD

Preview CSRS 2016 Annual Meeting in Toronto, Ontario, Canada
Michael G. Fehlings, MD, PhD

Preview CSRS Asia Pacific Section 2016 Annual Meeting in Seoul, Republic of Korea
Jin-Sup Yeom, MD, PhD

Preview CSRS European Section 2016 Annual Meeting in Prague, Czech Republic
Bengt I. Lind, MD, PhD

Adjourn