

Jessica L. Shellock, M.D.

Office Address: Center for Disc Replacement at Texas Back Institute
6020 W. Parker Rd. #200
Plano, TX 75093

Position: Co-Director, Center for Disc Replacement at Texas Back Institute

Internship/Residency/Fellowship Training

Texas Back Institute 2008-2009
Plano, TX
Spine Surgery Fellowship

University of Florida 2003 – 2008
Gainesville, FL

- General Surgery Internship
- Orthopedic Surgery Residency

Medical Education

University of North Carolina School of Medicine 1999 – 2003
Chapel Hill, NC

- M.D. received in May 2003

College Education

Florida State University 1994 – 1998
Tallahassee, FL

- B.S. in Biochemistry, *summa cum laude*, 1998
- B.S. in Computer Science, *summa cum laude*, 1998

Academic Honors / Activities

Overall Year-End Grade of Honors for 2nd and 3rd year medical school curriculum
Sarah Graham Kenan Scholarship (1999)
Student Stores Medical Scholarship (2001)
Dean's List recognition for each full-time semester at Florida State University
Phi Beta Kappa (1995)
Golden Key National Honor Society (1995)
Florida State University Freshman Scholarship (1994)

Other Work Experience

Duke University Medical Center, Dept. of Radiation Oncology 1998 - 1999
Durham, NC

- Database Developer / Research Assistant
- Developed and managed Microsoft Access databases for multiple clinical research projects. Assisted with radiographic image analysis and data collection.

Supercomputer Computations Research Institute (SCRI) 1997 – 1998

Florida State University, Tallahassee, FL

- Systems Developer
- Worked with systems development group on various projects, utilizing computer programming skills in languages including C/C++, JAVA, and PERL. Assisted in database development for statewide DMV tracking program and conducted training sessions for new users of our developed software.

Professional Memberships

American Academy of Orthopaedic Surgeons
North American Spine Society

State Medical Licenses

Texas, currently licensed

PUBLICATIONS

1. Guyer RD, Shellock J: Total Disc Replacement at the Texas Back Institute: Our Journey Over the Past 18 Years. *Coluna/Columna* 7(4):390-396, 2008.
2. Duffy MF, Shellock J, Blumenthal SL: Spinal Sports Injuries. *US Musculoskeletal Review* 37-42, 2009.
3. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McCombe P, Jacobs JJ, Urban RM, Bradford D, Ohnmeiss DD: Early Failure of Metal-on-Metal Artificial Disc Prostheses Associated with Lymphocytic Reaction: Diagnosis and Treatment Experience in 4 Cases. *Spine* 36(7):E492-97, 2011.
4. Zigler JE, Guyer RD, Blumenthal SL, Satin AM, Shellock JL, Ohnmeiss DD: In Which Cases Do Surgeons Specializing in Total Disc Replacement Perform Fusion in Patients with Symptomatic Lumbar Disc Degeneration? *Eur Spine J* 31(10):2607-2611, 2022.
5. Guyer RD, Zigler JE, Blumenthal SL, Shellock JL, Ohnmeiss DD: Evaluation of Anterior Lumbar Interbody Fusion Performed Using a Stand-alone, Integrated Fusion Cage. *Int J Spine Surg* 17(1):1-5, 2023.
6. Guyer RD, Blumenthal SL, Shellock JL, Zigler JE, Ohnmeiss DD: Lumbar Total Disc Replacement Device Removals and Revisions Performed During a 20 Year Experience with 2,141 Patients. *Spine* 49(10):671-676, 2024.

7. Blumenthal SL, Ohnmeiss DD, Courtois EC, Guyer RD, Zigler JE, Shellock JL: Treatment of Failed Cervical Total Disc Replacements in a Series of 53 Cases and Description of a Management Strategy. *Eur Spine J* 33(8):3117-3123, 2024.
8. Blumenthal SL, Griffin CW, Courtois EC, Guyer RD, Zigler JE, Shellock JL, Ohnmeiss DD: Removals and Revisions of Cervical Total Disc Replacement Devices in a Consecutive Series of 1,626 Patients Beginning with the First Case Experience in 2003. *Spine* 49(19):1348-1351, 2024.
9. Shellock JL, Zigler JE, Blumenthal SL, Guyer RD, Ohnmeiss DD: Clinical Outcome of Lumbar Hybrid Surgery in a Consecutive Series of Patients with Long-term Follow-up. *Spine* 50(2):110-114, 2025.
10. Satin AM, Shenker T, Guyer RD, Blumenthal SL, Zigler JE, Shellock JL, Derman PB, Ohnmeiss DD, Rogers-LaVanne MP: Cervical Total Disc Replacement for the Treatment of Adjacent Segment Disease after Anterior Cervical Discectomy and Fusion. *Spine* 50(4):243-251, 2025.

BOOK CHAPTERS

1. Shellock J, Guyer RD: *Lumbar Disc Arthroplasty: Indications and Contraindications*. In: Yue JJ, Guyer RD, Johnson JP, Khoo LT, Hochschuler SH (eds): The Comprehensive Treatment of the Aging Spine: Minimally Invasive and Advanced Techniques. Elsevier, Philadelphia, Pennsylvania; 2010; pp. 366-373.
2. Block AR, Shellock J: *Back Pain*. In: Gatchel RJ, Schultz IZ (eds.): Handbook of Musculoskeletal Pain and Disability Disorders in the Workplace. Springer, New York, New York, 2014; pp. 19-34.

PRESENTATIONS

1. Strickland J, MacMillan M, Conrad B: Mechanical Evaluation of a Compressed, Allograft, Intervertebral Implant with and without Flowable Ceramic Augmentation. Florida Orthopaedic Society Annual Meeting. May, 2008; St. Petersburg, Florida.
2. Shellock J: Spinal Cord Stimulation. Neuroscience Lecture Series. November, 2008; Plano, Texas.
3. Shellock J: Intra-operative Neuromonitoring. Neuroscience Lecture Series. April, 2009; Plano, Texas.
4. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McCombe P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in 4 Collected Cases. Lumbar Spine Research Society. April, 2009; Chicago, Illinois.
5. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McCombe P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in 4 Collected Cases. Spine Arthroplasty Society. April-May, 2009; London, England.

6. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McCombe P, Jacobs J, Urban R, Bradford D, Duffy M: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in Four Collected Cases. Spine Across the Sea. July, 2009; Maui, Hawaii.
7. Guyer RD, Shellock J, MacLennan B, Hanscom D, Urban R, Knight RQ, McCombe P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in 4 Collected Cases. International Meeting on Advanced Spine Techniques (IMAST). July, 2009; Vienna, Austria.
8. Shellock J: Early Failure of Metal-On-Metal Artificial Disc Prostheses Associated with Lymphocytic Reaction. Interactive Educational Program (2nd Place Award winner). November 2009, San Francisco, California.
9. Shellock J: Re-Operations in a Consecutive Series of 900 Total Disc Replacement Patients. Preservation of Motion in the Spine. April, 2010; Duck Key, Florida.
10. Shellock J: Minimally Invasive Decompression and Fusion for Degenerative Spondylolisthesis. Preservation of Motion in the Spine. April, 2010; Duck Key, Florida.
11. Guyer RD, Shellock J, Kugler C, Hisey MS, Bradley WD, Ohnmeiss DD: Indirect Decompression of Lumbar Spondylolisthesis using Anterior Lumbar Interbody Fusion and Minimally Invasive Pedicle Screw Fixation. North American Spine Society. October, 2010; Orlando, Florida.
12. Shellock J, Guyer RD, Hisey MS, Bradley WD, Kugler C, Ohnmeiss DD: Indirect Decompression of Lumbar Spondylolisthesis using anterior lumbar interbody fusion and minimally invasive pedicle screw fixation. Society for Minimally Invasive Spine Surgery. November, 2010; Las Vegas, Nevada.
13. Araghi A, Blumenthal SL, Guyer RD, Hochschuler SH, Ohnmeiss DD, Shellock J, Messer J: Outcome Associated with Closure of Anular Defects Following Lumbar Discectomy. International Spine Arthroplasty Society. April, 2011; Las Vegas, Nevada.
14. Shellock J: Implementation and Impact of Pre-operative Peer Case Review in a Spine Practice. State of Spine Surgery: "Think Tank." June, 2013; Los Cabos, Mexico.
15. Biehn J, Shellock J, Ohnmeiss DD, Guyer RD, Zigler JE: Use of Amniotic Membrane Anti-adhesion Barrier for Lumbar Discectomy. International Society for the Advancement of Spine Surgery. April-May, 2014; Miami, Florida.
16. Guyer RD, Blumenthal SL, Zigler JE, Shellock J, Phillips F, Coric D, Camissa F, Sasso R: A Novel Compressible Core Artificial Cervical Disc Compared to Anterior Cervical Discectomy and Fusion: 2 Year Clinical Results. North American Spine Society. September, 2019; Chicago, Illinois.
17. Blumenthal SL, Kiridly D, Shellock SL, Guyer RD, Zigler JE, Ohnmeiss DD: Late Failure of Cervical Disc Arthroplasty Due to Osteolysis. International Society for the Advancement of Spine Surgery. May, 2021; Miami, Florida.

18. Blumenthal S, Kiridly D, Shellock J, Guyer R, Zigler J, Ohnmeiss D: Late Failure of Cervical Disc Arthroplasty Due to Osteolysis. Spine Society of Australia. November, 2021 (virtual meeting).
19. Guyer RD, Blumenthal SL, Zigler JE, Shellock JL, Ohnmeiss DD: Lumbar Total Disc Replacement Removals/Revisions during a 20 Year Experience with 1,775 Patients (best papers session). International Society for the Study of the Lumbar Spine. May, 2022; Boston, Massachusetts.
20. Guyer RD, Blumenthal SL, Zigler JE, Shellock JL, Ohnmeiss DD: Clinical Outcome of Lumbar Hybrid Surgery in a Consecutive Series of Patients with Long-term Follow-up. International Society for the Study of the Lumbar Spine. May, 2022; Boston, Massachusetts.
21. Guyer RD, Blumenthal SL, Zigler JE, Shellock JL, Ohnmeiss DD: Lumbar Total Disc Replacement Removals/Revisions during a 20 Year Experience with 1,775 Patients (best papers session). North American Spine Society. October, 2022; Chicago, Illinois.
22. Guyer RD, Blumenthal SL, Zigler JE, Shellock JL, Ohnmeiss DD: Clinical Outcome of Lumbar Hybrid Surgery in a Consecutive Series of Patients with Long-term Follow-up (best papers session). North American Spine Society. October, 2022; Chicago, Illinois.
23. Blumenthal SL, Guyer RD, Shellock JL, Zigler JE, Ohnmeiss DD: Lumbar Total Disc Replacement for the Treatment of Adjacent Segment Degeneration after Lumbar Fusion. North American Spine Society. October, 2022; Chicago, Illinois.
24. Griffin C, Blumenthal SL, Zigler JE, Guyer RD, Shellock JL, Ohnmeiss DD: Revisions and Removals of Cervical Total Disc Replacement Devices in a Single Institution Consecutive Series of 1,473 Patients Beginning with the First Case Experience in 2003. Cervical Spine Research Society. November, 2022; San Diego, California.
25. Blumenthal SL, Guyer RD, Griffin C, Zigler JE, Shellock JL, Ohnmeiss DD, Courtois EC: Removals and Revisions of Cervical Total Disc Replacement Devices in a Consecutive Series of 1,473 Patients Beginning with the First Case Experience in 2003. SpineWeek (North American Spine Society section). May, 2023; Melbourne, Australia.
26. Blumenthal SL, Griffin C, Courtois EC, Guyer RD, Zigler JE, Shellock JL, Ohnmeiss DD: Incidence of Implant Removal or Revision Surgery after Cervical Total Disc Replacement in a Consecutive Series of 1,615 Patients Beginning with the First Case Experience in 2003. International Society for the Advancement of Spine Surgery. June, 2023, San Francisco, California.
27. Zigler JE, Shellock JL, Guyer RD, Blumenthal SL, Ohnmeiss DD: Outcome of 2-level Lumbar Total Disc Replacement: Results of a Long-term Follow-up Study. International Society for the Advancement of Spine Surgery. June, 2023, San Francisco, California.
28. Blumenthal SL, Guyer RD, Zigler JE, Shellock JL, Ohnmeiss DD: Long-term Outcome of Lumbar Total Disc Replacement: Impact of Prior Spine Surgery. North American Spine Society. October, 2023; Los Angeles, California.
29. Shellock JL: Cost, Reimbursement, and How to Increase Approvals for TDR (part of symposium: Lumbar Total Disc Replacement: Where We Are Today and How to Move Forward). North American Spine Society. October, 2023; Los Angeles, California.

30. Guyer RD, Courtois EC, Ohnmeiss DD, Blumenthal SL, Shellock JL, Zigler JE,: Effect of Lumbar Total Disc Replacement on Sagittal Alignment. Spine Society of Australia. April, 2024; Sydney, Australia.
31. Blumenthal SL, Ohnmeiss DD, Courtois EC, Guyer RD, Shellock JE, Zigler JE: Strategies for Addressing Failed Cervical Total Disc Replacement: A Series of 42 Patients. Spine Society of Australia. April, 2024; Sydney, Australia.
32. Guyer, Blumenthal, Zigler, Shellock, Ohnmeiss DD: Clinical Outcome of Lumbar Total Disc Replacement in Patients More Than 60 Years of Age. Spine Society of Australia. April, 2024; Sydney, Australia.
33. Guyer RD, Ohnmeiss DD, Blumenthal SL, Courtois EC, Shellock JL, Zigler JE: Relationship of Discography to Re-Operation for Disc-Related Pain More Than 10 Years after Lumbar Total Disc Replacement. Spine Society of Australia. April, 2024; Sydney, Australia.
34. Blumenthal SL, Guyer RG, Zigler JE, Shellock SL, Ohnmeiss DD: Impact of Prior Lumbar Spine Surgery on the Long-term Outcome of Lumbar Total Disc Replacement. International Society for the Advancement of Spine Surgery. April, 2024; Miami, Florida.
35. Guyer RD, Blumenthal SL, Shellock JL, Zigler JE, Ohnmeiss DD: What Happened to Patients Who Received the Charite Lumbar Artificial Disc? International Society for the Advancement of Spine Surgery. April, 2024; Miami, Florida.
36. Guyer RD, Zigler JE, Blumenthal SL, Shellock JL, Ohnmeiss DD: Clinical Outcome of Lumbar Total Disc Replacement in Patients More Than 60 Years of Age. International Society for the Advancement of Spine Surgery. April, 2024; Miami, Florida.
37. Shellock JL, Guyer RD, Satin AM, Neeley OJ, Ohnmeiss DD: Anterior Lumbar Interbody Fusion for the Treatment of Failed Transforaminal Lumbar Interbody Fusion. International Society for the Advancement of Spine Surgery. April, 2024; Miami, Florida.
38. Ohnmeiss DD, Courtois EC, Guyer RD, Blumenthal SL, Shellock JS, Zigler JE: Relationship of Discography to Re-Operation for Disc-Related Pain More Than 10 Years after Lumbar Total Disc Replacement. International Society for the Advancement of Spine Surgery. April, 2024; Miami, Florida.
39. Guyer RD, Shellock JL, Neeley OJ, Satin AM, Ohnmeiss DD: Anterior Lumbar Interbody Fusion for the Treatment of Failed Transforaminal Lumbar Interbody Fusion. International Society for the Study of the Lumbar Spine. May, 2024; Milan, Italy.
40. Guyer RD, Blumenthal SL, Shellock JL, Zigler JE, Ohnmeiss DD: What Happened to Patients Who Received the Charite Lumbar Artificial Disc? International Society for the Study of the Lumbar Spine. May, 2024; Milan, Italy.
41. Guyer RD, Blumenthal SL, Shellock JL, Zigler JE, Ohnmeiss DD: What Happened to Patients Who Received the Charite Lumbar Artificial Disc? Spine Across the Sea. July, 2024; Kauai, Hawaii.
42. Ohnmeiss DD, Guyer RD, Blumenthal SL, Courtois EC, Shellock JS, Zigler JE: Relationship of Discography to Re-Operation for Disc-Related Pain More Than 10 Years after Lumbar Total Disc Replacement. Spine Across the Sea. July, 2024; Kauai, Hawaii.

43. Blumenthal SL, Guyer RG, Zigler JE, Shellock SL, Ohnmeiss DD: Long-term Outcome of Lumbar Total Disc Replacement: Impact of Prior Spine Surgery. *Spine Across the Sea*. July, 2024; Kauai, Hawaii.
44. Blumenthal SL, Ohnmeiss DD, Courtois EC, Guyer RD, Shellock JE, Zigler JE: Strategies for Addressing Failed Cervical Total Disc Replacement: A Series of 42 Patients. *Spine Across the Sea*. July, 2024; Kauai, Hawaii.
45. Satin AM, Schenk T, Guyer RD, Blumenthal S, Zigler J, Shellock J, Derman PB, Ohnmeiss DD, Rogers-LaVanne MP: Cervical Disc Arthroplasty for the Treatment of Adjacent Segment Disease after Anterior Cervical Discectomy and Fusion. *North American Spine Society*. September, 2024; Chicago, Illinois.
46. Ohnmeiss DD, Courtois EC, Guyer RD, Blumenthal SL, Shellock JS, Zigler JE: Relationship of Discography to Re-Operation for Disc-Related Pain More Than 10 Years after Lumbar Total Disc Replacement. *North American Spine Society*. September, 2024; Chicago, Illinois.
47. Blumenthal S, Guyer R, Ohnmeiss D, Courtois E, Shellock J, Zigler J: Relationship of Discographic Injection Results to Subsequent Surgery in the Lumbar Spine with Minimum 10 Year Follow-Up. *Spine Society of Australia*. April, 2025; Perth, Australia.
48. Blumenthal S, Guyer R, Courtois E, Zigler J, Shellock J, Ohnmeiss D: Incidence of New Onset Leg Pain Following Anterior Approach Lumbar Surgery. *Spine Society of Australia*. April, 2025; Perth, Australia.
49. Ohnmeiss DD, Courtois EC, Guyer RD, Blumenthal SL, Shellock JL, Zigler JE: Relationship of Discographic Injection Results to Subsequent Surgery in the Lumbar Spine with Minimum 10 Year Follow-Up (Best Papers Session). *International Society for the Advancement of Spine Surgery*. April, 2025; Miami, Florida.
50. Guyer RD, Blumenthal SL, Wilson BA, Zigler JE, Shellock JL, Ohnmeiss DD: Outcomes of Lumbar Total Disc Replacement in Patients With Multiple Previous Discectomies. *International Society for the Advancement of Spine Surgery*. April, 2025; Miami, Florida.
51. Ohnmeiss D, Courtois E, Guyer R, Blumenthal S, Shellock J, Zigler J: Relationship of Discographic Injection Results to Subsequent Surgery in the Lumbar Spine with Minimum 10 Year Follow-Up. *International Society for the Study of the Lumbar Spine*. May, 2025; Atlanta, Georgia.
52. Guyer R, Blumenthal S, Courtois E, Zigler J, Shellock J, Ohnmeiss D: Incidence of New Onset Leg Pain Following Anterior Approach Lumbar Surgery. *International Society for the Study of the Lumbar Spine*. May, 2025; Atlanta, Georgia.
53. Guyer R, Blumenthal S, Courtois E, Shellock J, Zigler J, Ohnmeiss D: Changes in Sagittal Alignment Following Lumbar Total Disc Replacement: Analysis Based on Full-Body EOS Imaging of 132 Patients. *International Society for the Study of the Lumbar Spine*. May, 2025; Atlanta, Georgia.

POSTERS

1. Conrad B, MacMillan M, Strickland J: Mechanical Evaluation of a Compressed, Allograft, Intervertebral Implant with and without Flowable Ceramic Augmentation. Spine Arthroplasty Society. May, 2008; Miami, Florida.
2. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McCombe P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in Four Collected Cases. International Society for the Study of the Lumbar Spine. May, 2009; Miami, Florida.
3. Guyer RD, Shellock J, Kugler C, Hisey MS, Bradley WD, Ohnmeiss DD: Indirect Decompression of Lumbar Spondylolisthesis using Anterior Lumbar Interbody Fusion and Minimally Invasive Pedicle Screw Fixation. Spine Arthroplasty Society. April, 2010; New Orleans, Louisiana.
4. Guyer RD, Shellock J, Kugler C, Hisey M, Bradley WD, Ohnmeiss DD: Indirect Decompression of Lumbar Spondylolisthesis using Anterior Lumbar Interbody Fusion and Minimally Invasive Pedicle Screw Fixation. International Meeting on Advanced Spine Techniques. July, 2010; Toronto, Canada.
5. Biehn J, Shellock J, Ohnmeiss DD, Guyer RD, Zigler JE: Use of Amniotic Membrane Anti-adhesion Barrier for Lumbar Discectomy. International Society for the Study of the Lumbar Spine. June, 2014; Seoul, Korea.
6. Biehn J, Shellock J, Ohnmeiss DD, Guyer RD, Zigler JE: Use of Amniotic Membrane Anti-adhesion Barrier for Lumbar Discectomy. North American Spine Society. November, 2014; San Francisco, California.
7. Blumenthal SL, Kiridly D, Shellock SL, Guyer RD, Zigler JE, Ohnmeiss DD: Late Failure of Cervical Disc Arthroplasty Due to Osteolysis. Spine Across the Sea (Joint meeting of NASS and JOA). July 2021; Kohala Coast, Hawaii.
8. Guyer RD, Shellock JL, Blumenthal SL, Zigler JE, Ohnmeiss DD: What Happened to Patients Who Received the Charite Lumbar Artificial Disc? North American Spine Society. October, 2022; Chicago, Illinois.
9. Shellock JL, Zigler JE, Guyer RD, Blumenthal SL, Ohnmeiss DD: Outcome of 2-level Lumbar Total Disc Replacement: Results of a Long-term Follow-up Study. SpineWeek (International Society for the Study of the Lumbar Spine section). May, 2023; Melbourne, Australia.
10. Blumenthal SL, Guyer RD, Shellock JL, Zigler JE, Ohnmeiss DD: Lumbar Total Disc Replacement for the Treatment of Adjacent Segment Degeneration after Lumbar Fusion. SpineWeek (International Society for the Study of the Lumbar Spine section). May, 2023; Melbourne, Australia.
11. Blumenthal SL, Courtois EC, Griffin C, Guyer RD, Zigler JE, Shellock JL, Ohnmeiss DD: Incidence of Implant Removal or Revision Surgery after Cervical Total Disc Replacement in a Consecutive Series of 1,615 Patients Beginning with the First Case Experience in 2003. North American Spine Society. October, 2023; Los Angeles, California.

12. Ohnmeiss DD, Guyer RD, Blumenthal SL, Courtois EC, Shellock JL, Zigler JE: Relationship of Discography to Re-Operation for Disc-Related Pain More Than 10 Years after Lumbar Total Disc Replacement. International Society for the Study of the Lumbar Spine. May, 2024, Milan, Italy.
13. Guyer RD, Blumenthal SL, Zigler JE, Shellock SJ, Ohnmeiss DD: Clinical Outcome of Lumbar Total Disc Replacement in Patients More Than 60 Years of Age. Spine Across the Sea. July, 2024; Kauai, Hawaii.
14. Blumenthal SL, Ohnmeiss DD, Courtois EC, Guyer RD, Shellock JL, Zigler JE: Strategies for Addressing a Series of Failed Cervical Total Disc Replacements. North American Spine Society. September, 2024; Chicago, Illinois.
15. Guyer R, Zigler J, Blumenthal S, Shellock J, Ohnmeiss D: Clinical Outcome of Lumbar Total Disc Replacement In Patients More Than 60 Years of Age. Spine Summit. February, 2025; Tampa, Florida.
16. Guyer R, Fisher K, Zigler J, Blumenthal S, Shellock J, Ohnmeiss D: Intraoperative Conversion of Primary Cervical Total Disc Replacement to Fusion: Incidence and Reasons. Spine Summit. February, 2025; Tampa, Florida.
17. Guyer R, Blumenthal S, Shellock J, Wilson B, Zigler J, Ohnmeiss D: Outcomes of Lumbar Total Disc Replacement in Patients with Multiple Previous Discectomies. Spine Society of Australia. April, 2025; Perth, Australia.
18. Guyer R, Blumenthal S, Platt K, Zigler J, Shellock J, Ohnmeiss D: Adoption of Total Disc Replacement Among Surgeons Who Received Training on Their Use During Spine Surgery Fellowship. Spine Society of Australia. April, 2025; Perth, Australia.
19. Ohnmeiss DD, Courtois EC, Guyer RD, Blumenthal SL, Shellock JS, Zigler JE: Neck Disability Index Scores Across Multiple Cervical Total Disc Replacement Devices and during Long-term Follow-up of Patients Enrolled in Food and Drug Administration Investigational Device Exemption Trials. International Society for the Advancement of Spine Surgery. April, 2025; Miami, Florida.
20. Guyer RD, Blumenthal SL, Courtois EC, Zigler JE, Shellock JL, Ohnmeiss DD: Incidence of New Onset Leg Pain Following Anterior Approach Lumbar Surgery. International Society for the Advancement of Spine Surgery. April, 2025; Miami, Florida.
21. Shellock JL, Zigler JE, Platt K, Guyer RD, Blumenthal SL, Ohnmeiss DD: Adoption of Total Disc Replacement Among Surgeons Who Received Training on Their Use During Spine Surgery Fellowship. International Society for the Advancement of Spine Surgery. April, 2025; Miami, Florida.
22. Guyer R, Shellock J, Wanderman N, Spina N: Comparison of Modular and One-Piece ALIF Implants: Radiographic Analysis of Subsidence and Segmental Lordosis Outcomes. International Society for the Advancement of Spine Surgery. April, 2025; Miami, Florida
23. Guyer R, Blumenthal S, Wilson B, Zigler J, Shellock J, Ohnmeiss D: Outcomes of Lumbar Total Disc Replacement in Patients with Multiple Previous Discectomies. International Society for the Study of the Lumbar Spine. May, 2025; Atlanta, Georgia.

24. Guyer R, Blumenthal S, Zigler J, Shellock J, Ohnmeiss D: Clinical Outcome of Lumbar Total Disc Replacement in Patients More Than 60 Years of Age. International Society for the Study of the Lumbar Spine. May, 2025; Atlanta, Georgia.