PUBLISHED PEER-REVIEWED JOURNAL MANUSCRIPTS WITH BARRICAID® DATA

   Can Prevention of A Re-Herniation Be Investigated?: Establishment Of A Herniation Model And Experiments With An Anular Closure Device
   HJ Wilke, L Widmann, F Heuer, N Graf, S Rath

   The High-Risk Discectomy Patient: Prevention Of Reherniation In Patients With Large Anular Defects Using An Anular Closure Device
   GJ Bouma, M Barth, D Ledic, M Vilendecic

   Primary Limited Lumbar Discectomy with an Annulus Closure Device: One-Year Clinical and Radiographic Results from a Prospective, Multi-Center Study
   M Lequin, M Barth, C Thomé, GJ Bouma

   Protecting Facet Joints Post-Lumbar Discectomy: Barricaid Annular Closure Device Reduces Risk of Facet Degeneration
   M Trummer, S Eustachio, M Barth, PD Klassen, S Stein

   Cost Savings Associated with Prevention of Recurrent Lumbar Disc Herniation: A Multi-Center Prospective Cohort Study
   SL Parker, G Grahovac, D Vukas, D Ledic, M Vilendecic, MJ McGirt

   Clinical Outcomes In Patients After Lumbar Disc Surgery With Anular Reinforcement Device; Two-Year Follow Up
   D Vukas, D Ledić, G Grahovac, Z Količ, K Rotim, M Vilendečić

   Effect of Anular Closure on Disk Height Maintenance and Reoperated Recurrent Herniation Following Lumbar Discectomy: Two-Year Data.
   D Ledić, D Vukas, G Grahovac, M Barth, GJ Bouma, M Vilendecic

ACCEPTED BUT NOT YET PUBLISHED

   Effect of Anular Closure on Disk Height Maintenance and Reoperated Recurrent Herniation Following Lumbar Discectomy: Two-Year Data
   D Ledic, D Vukas, G Grahovac, M Barth, GJ Bouma, M Vilendecic

9. Journal of Spinal Disorders and Techniques Publish Ahead of Print; DOI:10.1097/BSD.0b013e3182956ec5
   Effect Of A Novel Annular Closure Device (Barricaid) On Same Level Recurrent Disc Herniation And Disc Height Loss After Primary Lumbar Discectomy: Two-Year Results Of A Multi-Center Prospective Cohort Study
   SL Parker, G Grahovac, D Vukas, M Vilendecic, D Ledic, MJ McGirt, EJ Carragee
PUBLISHED CONFERENCE PROCEEDINGS

   MRI changes in patients 2 years after sequestrectomy alone versus sequestrectomy with anulus closure
   A Carolus, K Schmieder, C Thomé, GJ Bouma, M Barth

   Preliminary Two-Year Safety Data for an Anular Closure Device: German Experience from a Multicenter, Prospective, Randomized Clinical Trial
   M Czabanka, A Kursumovic, R Bostelmann, M Barth, V Heidecke, M Mehdorn, A. Hegewald, S Fröhlich, H.-P. Köhler, PD Klassen

   Can Anular Closure Device Improve the Outcome of Discectomies? Clinical and Real World Experience with Anular Closure at a Single Site
   A Kursumovic, S Rath

   Recurrent Lumbar Disc Herniation: Treatment with a Bone-Anchored Anular Closure Device
   A Kursumovic, R Hes, GJ Bouma, M. Barth, V Heidecke, A Hegewald, F Martens, C Thomé, J Kienzler, PD Klassen, S. Rath

   Early Two-Year Safety Data for an Annular Closure Device: Interim Results from a Multicenter, Prospective, Randomized Clinical Trial
   J Kienzler, J Fandino, F Martens, R Hes, GJ Bouma, Anular Closure RCT Study Group, PD Klassen

SCIENTIFIC PROCEEDINGS

15. International Society for the Advancement for Spine Surgery (ISASS), San Diego, CA, 15-17 April, 2015
   Confirming the Carragee Massive-defect Results: Lumbar Discectomy Patients at High Risk of Reherniation
   GJ Bouma, A Kursumovic, J Kienzler, C Thomé, R Bostelmann

16. International Society for the Advancement for Spine Surgery (ISASS), San Diego, CA, 15-17 April, 2015
   Early Readmissions Following Lumbar Discectomy with and without Anular Closure: Interim Data from an RCT
   J Kienzler, G Lesage, R Hes, PD Klassen, Anular Closure RCT Study Group

   Initial Two-Year Safety Data for an Annular Closure Device: Interim Results from a Prospective, Multicenter, Randomized Control Trial
   J Kienzler, J Fandino, F Martens, R Hes, GJ Bouma, Anular Closure RCT Study Group, PD Klassen

18. Congress of Neurological Surgeons (CNS), Boston, USA, 18-22 October 2014
   Discectomy Patients at High Risk of Reherniation: Confirming the Carragee Large-Defect Results
   GJ Bouma, PD Klassen, J Fandino, F Martens, R Hes
19. Congress of Neurological Surgeons (CNS), Boston, USA, 18-22 October 2014
   Early Two-Year Safety Data for an Anular Closure Device: Interim Results from a Multicenter, Prospective, Randomized Clinical Trial
   J Kienzler, J Fandino, F Martens, R Hes, GJ Bouma, Anular Closure RCT Study Group, PD Klassen

20. Europ. Assoc. Neurological Surgeons (EANS), Prague, Czech Republic, 13-16 October 2014
   The Barricaid annular prosthesis: Two-year clinical data and interim safety results of a multicenter RCT
   GJ Bouma

21. DGNC Spine Section, Innsbruck, Austria, 19-20 September 2014
   Reoperation rate and revision strategies of failed lumbar discectomy with and without anular closure
   C Thomé, GJ Bouma, F Martens, J Fandino, PD Klassen

22. DGNC Spine Section, Innsbruck, Austria, 19-20 September 2014
   Endplate changes observed on CT following lumbar discectomy: Interim analysis from the discectomy-only cohort of a post-marketing, multicenter, prospective study
   M Barth, C Thomé, PD Klassen, J Fandino

23. DGNC Spine Section, Innsbruck, Austria, 19-20 September 2014
   Führen große Anulusdefekte zu höherem Risiko für Rezidiv-Bandscheibenvorfälle bei Patienten nach lumbaler Diskektomie?  
   A Kursumovic, F Martens, GJ Bouma, C Thome, PD Klassen, J Fandino

   24 Month Safety Data from a Prospective, Randomized Clinical Trial Evaluating an Anular Closure Device
   R Hes, PD Klassen, F Martens, GJ Bouma, A Kuršumović, Anular Closure RCT Study Group

   Bone-Anchored Anular Closure Device Following Limited Discectomy For Primary Lumbar Disc Herniation: Biomechanical Testing, Surgical Technique, And Preliminary Clinical Results
   NG Rainov, J Einhorn, V Heidecke

26. 1st EUROSPINE Spring Speciality Meeting. Prague, Czech Republic. 8-9 May 2014
   24 Month Safety Data From A Prospective, Randomized Clinical Trial Evaluating An Anular Closure Device: An Interim Review
   A Kuršumović, PD Klassen, F Martens, R Hes, Anular Closure RCT Study Group, GJ Bouma

27. Spine Society of Australia Annual Scientific Meeting. Brisbane, Australia. 10-12 April 2014
   24 Month Safety Data from a Prospective, Randomized Clinical Trial Evaluating an Anular Closure Device: An Interim Review
   A Kuršumović, PD Klassen, F Martens, R Hes, Anular Closure RCT Study Group, GJ Bouma

   Initial Two-Year Safety Data for an Anular Closure Device: Interim Results from a Multicenter, Prospective, Randomized Clinical Trial
   PD Klassen, F Martens, R Hes, GJ Bouma, A Kuršumović, Anular Closure RCT Study Group 6

   Darf’s Ein Bisschen Mehr Sein? (Anulusverschluss U.Ä)
   PD Klassen

   Rezidivbandschreibenvorfall, Kann Man Ihn Verhindern? (Reherniation, Can It Be Avoided?)
   M Trummer
   Closing The Anulus After Lumbar Discectomy: Indications, Technique And Results With Barricaid® Bone Anchored Prosthesis
   S Eustacchio

   Anular Closure Device: A Real World Experience
   A Kuršumović, S Rath

   Utilizzo Di Una Protesi Anulare Discale Come Complemento Intraoperatorio Del Trattamento Chirurgico Dell’ernia Discale Lombare: Risultati Preliminari
   F Barone, N Alberio, M Fricia, M Passanisi, P Seminara (Catania)

   How Does Intradiscal Pressures Respond To Annulotomy And Annular Closure? – An In Vitro Biomechanical Study Of The Lumbar Functional Spinal Unit (Fsu)
   R Bostelmann, JF Cornelius, HJ Steiger, M Leimert

   A Multicenter, Prospective, Randomized Study To Demonstrate The Superiority Of A Bone-Anchored Prosthesis For Annular Closure Used In Conjunction With Limited Discectomy To Limited Discectomy Alone For Primary Lumbar Disc Herniation
   PD Klassen, R Hes, GJ Bouma, S Eustacchio, M Barth, S Rath, H M Mehdorn, V Heidecke, R Bostelmann, C Thomé, P Vajkoczy, HP Köhler, F Martens

   Three Years Experience With An Anular Closure Device
   A Kuršumović, S Rath

   Lumbar Discectomy With An Anular Closure Prosthesis: Two-Year Clinical And Radiographic Results From A Prospective, Multicenter Study
   S Eustacchio, M Barth, GJ Bouma

   Effect of Annular Defects on Intradiscal Pressures in the Lumbar Spine - An In Vitro Biomechanical Study of Discectomy and Annular Closure
   R Bostelmann, JF Cornelius, TM Kinfe, HJ Steiger, M Leimert

39. ISASS. Vancouver, Canada. April 2-5, 2013
   Comparative Effectiveness and Cost-utility of a Novel Annular Closure Device for Prevention of Recurrent Disc Herniation Following Lumbar Discectomy: A Prospective Cohort Study
   SL Parker, G Grahovac, D Vukas, D Ledic, M Vilendecic, MJ McGirt

   Limited Lumbar Discectomy with an Anular Closure Device: Initial 24 Month Clinical and Radiographic Results from a Prospective, Multinational, Multi-Center Study
   PD Klassen, C Thomé, GJ Bouma, M Barth
41. DWG 2012. Stuttgart, Germany. December 6-8, 2012
Disc preservation after discectomy and anular closure: investigation of modic changes
M Barth, M Vilendecic, D Ledic, GJ Bouma

42. DWG 2012. Stuttgart, Germany. December 6-8, 2012
Bandscheibenschonung durch Annulusverschluss – Radiografische Veränderungen nach Diskektomie
M Trummer, M Vilendecic, D Ledic, GJ Bouma, M Barth (Mannheim), S Eustacchio

43. DWG 2012. Stuttgart, Germany. December 6-8, 2012
Effect of Annular Defects on Intradiscal Pressures in the Lumbar Spine - An In Vitro Biomechanical Study of Discectomy and Annular Closure
R Bostelmann, J.F Cornelius, H-J Steiger, M Leimert

44. ÖGNC. Graz, Austria; October 4-6, 2012
Two-Year Benefits of Anular Defect Closure After Limited Discectomy
PD Klassen, C Thome, GJ Bouma, T Marinovic, D Ledic, M Barth

45. ÖGNC. Graz, Austria; October 4-6, 2012
Real World Experience with an Anular Closure Device
A Kuršumović, S Rath

46. ÖGNC. Graz, Austria; October 4-6, 2012
Cost Effectiveness of Anular Closure: Same-Site Comparison to a Primary Discectomy Population
S Eustacchio, D Ledic, T Marinovic

47. DGNC-Spine Section. Köln, Germany; September 14-15, 2012
Kommt es zur Veränderung des intradiskalen Druckes nach Diskektomie und nach Anulusverschluß? - Eine in vitro biomechanische Untersuchung
R Bostelmann, JF Cornelius, HJ Steiger, M Leimert

48. DGNC-Spine Section. Köln, Germany; September 14-15, 2012
Do Trial Inclusion/Exclusion Criteria Exclude Real World Patients? – Anular Closure Device (ACD) Registry Patients Screened Against Trial Criteria For The ACD Randomized Trial
A Kuršumović, S Rath

Preventing Facet Degeneration After Discectomy With An Anular Closure Device
M Vilendecic, D Ledic, GJ Bouma, M Barth, S Eustacchio, S Stein

Would You Ride Your Bicycle With A Puncture In The Tire? Two-Year Benefits Of Anular Defect Closure After Lumbar Discectomy
GJ Bouma, M Barth, M Vilendecic, D Ledic, R Bartels, EA Al-Kahlout

Real World Experience With An Anular Closure Device
A Kuršumović, S Rath

Can Lumbar Discectomy With The Barricaid Endoprosthesis Bring Benefit To Patients With Back Pain Greater Than Leg Pain?
GJ Bouma, M Barth, M Vilendecic, D Ledic, R Bartels, EA Al-Kahlout
Preventing Reherniations With An Anular Closure Endoprosthesis  
GJ Bouma, M Barth, M Vilendecic, D Ledic, R Bartels, E Al-Kahlout

Preventing Disc Height Loss And Reherniation After Discectomy: One-Year Data From An EU Post-Marketing Study Of An Anular Closure Technology  
GJ Bouma, M. Barth, R. Bartels, E. Al-Kahlout, M. Vilendecic, M. Gorensek, P. Varga, D. Ledic, S. Eustacchio

The Spine Journal Vol. 11, Issue 10, Supplement, Pages S148-S149:  
Can Herniation Be Prevented? Establishment of a Herniation Model and Experiments with an Annulus Reconstruction Implant  
HJ Wilke, L Widmann, N Graf, F Heuer

Preventing Disc Height Loss and Reherniation After Discectomy: One-Year Data From an EU Post-Marketing Study of an Anular Closure Technology  
GJ Bouma, M Barth, RH Bartels, T Beems, E Al-Kahlout, M Vilendecic, M Gorensek, P Varga, D Ledic, S Eustacchio

Reconstructing the Anulus: Complete One-Year and Initial Two-Year Results From the Intrinsic Therapeutics Barricaid Endoprosthesis Pilot Study  
M Vilendecic, D Ledic, G Grahovac, D Vukas, P Varga, S Eustacchio, M Gorensek

Effect of a Novel Anular Repair Device (Barricaid) on Same Level Recurrent Disc Herniation and Disc Height Loss After Primary Lumbar Discectomy: Results of a Multicenter Non-randomized Prospective Cohort Study  
S Parker, KL Chaichana, D Ledic, M Vilendecic, MJ McGirt

An annulus fibrosus prosthesis. EU clinical (phase II) study: One-year results in reconstructing the anulus  
S Eustacchio, M Trummer, M Vilendecic, D Ledic, P Varga, M Gorensek, W Kreil, H Schröttner

Biomechanical investigation of a new annulus reconstruction implant after a provoked nucleus extrusion  
H-J Wilke, L Widmann, N Graf, F Heuer

Effectiveness And Safety Of A New Designed Endodiscal Device In The Treatment Of Primary Lumbar Discectomy: Results Of A Prospective Study In 20 Patients  
PD Klassen, B Baume, H Seidel

Design History of an Anular Reconstruction Device: From Failure to Success  
M Trummer, S Eustacchio

Initial Clinical Results Concerning Reherniation with Novel Anular Closure Device ‘Barricaid’ after Limited Discectomy for Patients with Lumbar Disc Herniation  
A Kuršumović, S Rath

Short-Term Results Of A Novel Bone-Anchored Anular Closure Device In Lumbar Disc Surgery  
C Thomé, R Bartels, M Barth, E Al-Kahlout, GJ Bouma
DEFINING THE NEED (DISCECTOMY OUTCOMES ARE NOT PERFECT)

Clinical Outcomes After Lumbar Discectomy for Sciatica: The Effects of Fragment Type and Anular Compentence.
Carragee, et al.

A Prospective Controlled Study Of Limited Versus Subtotal Posterior Discectomy: Short-Term Outcomes In Patients With Herniated Lumbar Intervertebral Discs And Large Posterior Anular Defect.
Carragee, et al.

Reoperations After Lumbar Disc Surgery: A Population-Based Study Of Regional And Interspecialty Variations.
Keskimäki , et al.

Repeat Surgery After Lumbar Decompression For Herniated Disc: The Quality Implications Of Hospital And Surgeon Variation.
Martin, et al.

Reoperation Rates Following Lumbar Spine Surgery And The Influence Of Spinal Fusion Procedures.
Martin, et al.

Recurrent Disc Herniation And Long-Term Back Pain After Primary Lumbar Discectomy: Review Of Outcomes Reported For Limited Versus Aggressive Disc Removal.
McGirt, et al.

Risk Of Multiple Reoperations After Lumbar Discectomy: A Population-Based Study.
Osterman, et al.

The Swedish Spine Register: development, design and utility.
Strömqvist, et al.

An Evidence-Based Review Of The Literature On The Consequences Of Conservative Versus Aggressive Discectomy For The Treatment Of Primary Disc Herniation With Radiculopathy.
Watters, et al.

Prospective, Multi-Center, Randomized, Controlled Study of Anular Repair in Lumbar Discectomy: Two-Year Follow-Up.
Bailey, et al.

Reoperation Rate After Surgery For Lumbar Herniated Intervertebral Disc Disease: Nation-Wide Cohort Study.
Kim, et al.

76. Eur Spine J, DOI 10.1007/s00586-014-3734-8
Endplate Changes Following Discectomy: Natural History And Associations Between Imaging And Clinical Data.
Weiner, et al.