

CURRICULUM VITAE

BRUCE E. DALL, M.D.

EDUCATION

University of Nebraska at Omaha
Omaha, Nebraska
Bachelor of Arts in Chemistry, 1976
Magna Cum Lauda

MEDICAL

University of Nebraska Medical School
Omaha, Nebraska
Doctor of Medicine, 1979

RESIDENCY

Southwestern Michigan Area Health Education Center
Kalamazoo, Michigan
Orthopedic Surgery Residency 1979-1984

FELLOWSHIP

Southern Illinois University School of Medicine
Springfield, Illinois
Spinal Surgery Fellowship under E. Shannon Stauffer, M.D.
Included the treatment of chronic spinal pain under F. William Schroeder, M.D. 1984-1985.

PROFESSIONAL EXPERIENCE

Neurosurgery of Kalamazoo. P.C.
Emeritus
2013-present

Neurosurgery of Kalamazoo, P.C.
Kalamazoo, Michigan
2005 - 2013

K-Valley Orthopedics
Kalamazoo, Michigan
1985-1991, 1996-2005

Great Lakes Orthopedic Spine Surgery
Kalamazoo, Michigan
1991-1996

CERTIFICATIONS

License to Practice Medicine and Surgery, Permanent- State of Michigan, 1980
Board Certified, American Board of Orthopedic Surgeons, 1987, **Recertified** 1997,2008
Board Certified, American Association of Spinal Surgery, 2008
Instructor, California Back School Course, 1985
Pedicle Screw Fixation, “Surgical Techniques for Spine Stabilization”, Ohio Medical School,
Toledo, Ohio 1986 under direction of Roy Camille, M.D., France
Cotrel-Dubousett Instrumentation, San Diego, California, 1989
Posterior Spinal Fixator, Baltimore, Maryland, 1989
Percutaneous Discectomy, Detroit, Michigan, 1989
Texas Scottish Rite Hospital (TRSH) Segmental Spinal Fixation, Kalamazoo, Michigan, 1992
B.A.K. Laparoscopic Anterior Vertebral Cages, John Hopkins University Hospital, Baltimore,
Maryland, 1995
Charité Total Disc Arthroplasty, Lumbar Spine, Columbus, Ohio 2004

FACULTY APPOINTMENT

Western Michigan University Homer Stryker School of Medicine,
Clinical Associate Professor Emeritus, 2014-present

Michigan State University, College of Human Medicine, Clinical Assistant Professor, 1985 -
2010

PROFESSIONAL ORGANIZATIONS

North American Spine Society Emeritus
American Academy of Orthopedic Surgeons Emeritus

HONORS AND AWARDS

- 2023** Lifetime Achievement Award for my work with the sacroiliac joint (SIMEG international, Germany)
- 1974** Phi Kappa Phi Honor Society
- 1983** First Place; Research Day, Southwestern Michigan Health Education Center (SMAHEC)
- 1984** First Place; Research Day, SMAHEC
- 1993** First Place; Research Day, SMAHEC
- 1996** Outstanding Clinical Research Paper; Borgess Perspectives Research Journal
- 2001** First Place Orthopedics; Michigan State University Research Day
- 2013** Second Place Poster Division; Western Michigan U School of Medicine Research Day

PUBLICATIONS

Dall, B.E., Rowe, D. Degenerative Spondylolisthesis: Its Surgical Management. Spine, Volume 10, Number 7, pages 668-672, 1985.

Dall, B.E., Rowe, D.; Post-Operative Discitis: Its Conservative Treatment, Clinical Orthopedics and Related Research, Volume 224, pages 138-146, 1987.

Dall, B.E., Stauffer, E.S.; Neurologic Injury and Recovery Patterns in Burst Fractures at the T-12 or L-1 Motion Segment, Clinical Orthopedics and Related Research, volume 233, pages 171-176, 1988.

Dall, B.E., Stauffer, E.S.; Syndrome of Inappropriate Anti-Diuretic Hormone Secretion Complication Metrizamide Myelography: A Case Report, Journal of Bone and Joint Surgery, Volume 70-A, pages 142-143, 1988.

Johnson, P., Hubbard, R., **Dall, B.E.**; Evaluation of Pedicle Screw Pull-Out Strength, Orthopedic Transaction, Volume 12, Number 3, page 670, 1988.

King, D., **Dall, B.E.**; Cortical Somatosensory Evoked Potentials: Its Efficacy in Patients with Incomplete Neurological Lesion, Orthopedic Transaction, Volume 12, Number 3, page 643, 1988.

Dall, B.E., Priest, B.; A Clinical Marker for Premenopausal Osteoporosis: Hypermobility of the Second Metacarpalphalangeal Joint, Today's Therapeutic Trends: The Journal of New Developments in Clinical Medicine, Volume 10, Number 1, pages 22-37, 1992

Rask, B., **Dall, B.E.**; Use of the Pantaloon Cast for the Selection of Fusion Candidates in the

Treatment of Chronic Low Back Pain, Clinical Orthopedics and Related Research, Volume 288, pages 148-157, 1993.

Dall, B.E.; Letter to the Editor, Spine, Volume 18, Number 15, pages 2366-2367, 1993.

Hutchinson, Ml., **Dall, B.E.**; Fracture Dislocation of the Thoracolumbar Spine: Advantages of Halo-Bifemoral Traction, Journal of Spinal Disorders, Volume 6, Number 6, pages 482-488, 1993.

Matthews, T., **Dall, B.E.**; Black Pocket Syndrome, A New Finding in Spinal Surgery, Orthopedic Transactions, Volume 17, Number 3, pages 546, 1993-1994.

LaPrade, R., **Dall, B.E.**; Posterolateral L4-Sacrum Spinal Fusion with L4-5, "Skip-A-Level" Pedicle Screw Cotrel-Dubouset Instrumentation, Orthopedic Transactions, Volume 17, Number 3, pages 567-568, 1993-1994.

Hutchinson, M., **Dall, B.E.**; Midline Fascial Splitting Approach to the Iliac Crest for Bone Graft: A New Approach, Spine, Volume 19, Number 1, pages 62-66, 1994.

Gibbons, M., **Dall, B.E.**; Decompression and Posterolateral Fusion for Degenerative Spondylolisthesis in the Elderly Population, Orthopedic Transactions, accepted for publication in February 1994.

Fowler, B., **Dall, B.E.**, Rowe, E.E.; Complications Associated with Harvesting Autogenous Lilac Bone Graft, The American Journal of Orthopedics, Volume XXIV, Number 12, pages 895-903, 1995

Highhouse, M., **Dall, B.E.**; Lateral Intertransverse Process Single-Level Fusion for Salvage of the Unstable Failed Posterior Lumbar Interbody Fusion, Journal of Spinal Disorders, Volume 9, Number 1, Pages 59-63, 1995.

Belanger, T., **Dall, B.E.**; Sacroiliac Arthrodesis using Posterior Midline Fascial Splitting Approach: A New Technique. Journal of Spinal Disorders; 14: 118-124, 2001.

Wise, C.L., **Dall, B.E.**; Minimally Invasive Sacroiliac Arthrodesis: Outcome of a New Technique, Journal of Spinal Disorders & Techniques, 21 (8): 579-584, December 2008

Dall, B.E.; Someone Needs to Claim It, Spine J, Volume 9, (2); pages 190-191, 2009.

Dall BE, Eden SV. Outcomes of bilateral sacroiliac joint fusions and the importance of understanding potential coexisting lumbosacral pathology that might also require treatment. *Acta Orthopædica Belgica*. 2015;81,233-239.

Dall, B.E., Hayward, G., Brooks, D., Bucklen, B., et al; Biomechanical Analysis of Motion following Sacroiliac Joint Fusion using Lateral Sacroiliac Screws with or without Lumbosacral Instrumented Fusion. *Clinical Biomechanics*. 2019; 68; 182-189.

Dall BE. Letter to the Editor Regarding "Minimally Invasive Sacroiliac Joint Fusion with Cylindrical Threaded Implants Using Intraoperative Stereotactic Navigation". *World Neurosurg*. 2020; Mar; 135:387-388. doi: 10.1016/j.wneu.2019.11.063.PMID: 32143247 No abstract available.

Dall BE. Castellvi Type I Lumbosacral Transitional Vertebrae and Dysfunctional Sacroiliac Joint(s) Generating Severe Pain in the Same Patient with each Requiring Surgical Intervention: Two Case Reports and Literature Review. *Archives of Surgery and Practice*. 2021; (1): 1.

Rahl MD, Weistroffer J, **Dall BE**. Analysis of Complications in Sacroiliac Joint Fusions Using FDA 510(k) Cleared Devices. *Clin Spine Surg*. 2021; 00: 00.

Dall BE. Someone Needs to Claim it: Second Notice. *The Spine Journal*. 2022; Accepted for publication March 2022.

Dall BE. Letter: Neurosurgical Educational Societies Need to Be More Involved in Surgical Education and Certification for Sacroiliac Joint Surgery. *Neurosurgery*. 2022; Aug 4. doi: 10.1227/neu.0000000000002106

Dall BE. Long-Term Outcomes in Obese, Severely Obese, and Morbidly Obese Patients having Open Posterior Midline Sacroiliac Joint Fusions for Disabling and Dysfunctional Sacroiliac Joint Pain. *J Clin Med Surgery*. 2023; 3(1): 1065.

AUDIODIGEST

Dall B.E., Fusing the spine and sacroiliac joint at the same setting. *Audiodigest*. 41:14(Jul21), 2018.

Dall B.E., Sacroiliac joint fusion/Variations in sacroiliac joint anatomy and implications for surgery. *Audiodigest*. 41:13(Jul7), 2018.

BOOK CHAPTERS

Swain, A., **Dall, B.E.**, Koberna, T.; A Protocol for Conservative Treatment in Athletes with Lumbar Scheuermann's Disease, *Current Topics in Musculoskeletal Medicine*, Chapter 4, SLACK, 2001.

BOOKS

Dall, B.E., Eden, S.A., Rahl, M.; Surgical Treatment for the Dysfunctional Sacroiliac Joint: A Clinical Guide. Publisher, Springer Publishing; 2014. ISBN 978-3-319-10725-7. 2015

Dall, B.E., Sacroiliac Joint Pain: For Tens of Thousands the Pain Ends Here. DallHouse Productions, Kalamazoo, Michigan. ISBN #s 978-0-9993804-2-0 (paperback), 978-0-9993804-0-6 (Kindle), 978-0-9993804-1-3 (Epub), 978-0-9993804-3-7 (audio). 2017.

Dall BE. America's Sacroiliac Pain Problem: The Good, Bad, and Foreboding. Publisher, DallHouse Productions, Kalamazoo, Michigan. ISBN #s 979-8-9879200-0-8 (ebook), 979-8-9879200-1-5 (paperback), 979-8-9879200-2-2 (iBook). 2023

VIDEO PRODUCTIONS

Midline Fascial Splitting Approach to the Iliac Crest for Bone Graft: A New Approach, AAOS Video Library, American Academy of Orthopedic Surgeons, February 1994.

Golfing with Back Pain, a physician's approach, A Silver Beach Production, Palm Beach, Florida. 1999. ISBN 0-9700892-0-1

Posterior Midline Fascial Splitting Muscle Sparing open sacroiliac joint fusion. Open-source video production; <https://www.youtube.com/channel/UC7GDYexx1FgR18hwrW-rh1Q>

STATE, NATIONAL AND INTERNATIONAL MEETING PRESENTATIONS

Dall, B.E., Rowe, D.; Degenerative Spondylolisthesis: Its Surgical Management, Michigan Orthopedic Society, Gaylord, Michigan, June 1982.

Dall, B.E., Stauffer, E.S.; Neurologic Injury and Recovery Pattern in Burst Fractures at the T-12 or L-1 Motion Segment, Scoliosis Research Society, San Diego, California, September 1985; American Academy of Orthopedic Surgeons, New Orleans, Louisiana, February, 1986

Johnson, P., **Dall, B.E.**; Pedicle Screw Pull-Out Strength: An Experimental Study, Mid-American Orthopedic Association, Tucson, Arizona, March 1988; Michigan Orthopedic Society, Mackinac Island, Michigan, June 1988.

King, D., **Dall, B.E.**; Somatosensory Cortical Evoked Potentials: Its Efficacy in the Surgical Treatment of Patients with Incomplete Neurological Lesions, American Spinal Injury Association, San Diego, California, May, 1988; Michigan Orthopedic Society, Mackinaw Island, Michigan, June 1988.

Rask, B., **Dall, B.E.**; Use of the Pantaloon Cast for the Selection of Fusion Candidates in the

Treatment of Chronic Low Back Pain, Michigan Orthopedic Society, Mackinac Island, Michigan, June 1990.

Hutchinson, M., **Dall, B.E.**; Fracture Dislocation of the Thoracolumbar Spine: Advantages of Halo-Bifemoral Traction, Michigan Orthopedic Society, Mackinac Island, Michigan, June 1992.

Gibbons, M., **Dall, B.E.**; Decompression and Posterolateral Fusion for Degenerative Spondylolisthesis in the Elderly Population, Michigan Orthopedic Society, Mackinac Island, Michigan, 1992; North American Spine Society, October 1993; American Academy of Orthopedic Surgeons, New Orleans, Louisiana, February 1994.

Matthews, T., **Dall, B.E.**; Black Pocket Syndrome, A New Finding in Spinal Surgery, Mid-American Orthopedic Society, Hilton Head, South Carolina, May 1993.

LaPrade, R., **Dall, B.E.**; Posterolateral L4-sacrum Spinal Fusion with L4-S “Skip-A-Level” Pedicle Screw Coutrel-Dubouset Instrumentation, Mid-American Orthopedic Association, Hilton Head, South Carolina, May 1993.

Dall, B.E., Eden, S.V., Hayward, G., Brooks, D., Bucklen, B., et al; Biomechanical Analysis of Motion following Sacroiliac Joint Fusion using Lateral Sacroiliac Screws with or without Lumbosacral Instrumented Fusion. North American Spine Society, Chicago, Illinois, October 2019.

NATIONAL AND INTERNATIONAL MEETING EXHIBITS

Dall, B.E., Rowe, D.; Degenerative Spondylolisthesis: Its Surgical Management, American Academy of Orthopedic Surgeons, Anaheim, California, March 1983.

Dall, B.E., Stauffer, E.S.; Neurologic Injury and Recovery Patterns in Burst Fractures at the T12 and L1 Motion Segment, Scoliosis Research Society, San Diego, California, September 1985; American Academy of Orthopedic Surgeons, New Orleans, Louisiana, February 1986.

Whelan J., **Dall, B.E.**; The Effects of Steroid Preparations in the Epidural Space, Orthopedic Research Society, 1986.

King, D., **Dall, B.E.**; Cortical Somatosensory Evoked Potentials: Its Efficacy in Treating Patients with Incomplete Neurological Lesion, International Association for the Study of the Lumbar Spine, Miami, Florida, May 1998

Dall, B.E., Priest, B.; A Clinical Marker for Premenopausal Osteoporosis: Hypermobility of the Second Metacarpalphalangeal Joint, American Academy of Orthopedic Surgeons, Anaheim,

California, March, 1991.

Smith, S., **Dall, B.E.**; Complications of Single Pantaloon Casting, Michigan Orthopedic Society, Mackinac Island, Michigan, June, 1992.

Hutchinson, M., **Dall, B.E.**; Midline Fascial Splitting Approach to the Iliac Crest for Bone Graft: A New Approach, Michigan Orthopedic Society, Mackinac Island, Michigan, June 1992.

Sorce, A., **Dall, B.E.**; Single Level Decompression and Posterior Lateral Fusion without Instrumentation for Degenerative Spondylolisthesis in the Elderly versus Younger Adult Population, A Short (>2yr) and a long (11 yr) follow-up, American Academy of Orthopedic Surgeons, New Orleans, Louisiana, February 2001.

Dall BE Eden SV Bucklen B etal. Biomechanical Analysis of the Intact Sacroiliac Joint Following Posterior Ligament Injury Combined with Rigid Instrumentation and the Influence of Unilateral and Bilateral SIJ Screws. Orthopedic Research Society, Las Vegas, NV. March 2015

Chen AY, Eden SV, **Dall BE**. Predictive Factors and Subgroup Analysis of Patient Satisfaction Rates With Long-term Outcomes Following Sacroiliac Joint Fusion. Congress of Neurologic Surgeons, 2016 Annual Meeting, Las Vegas, NV, September 2016

FDA INVESTIGATIONAL STUDIES

OLERUDE POSTERIOR SPINAL FIXATOR, ACE Corporation, National Clinical Investigator, 1990-1992

MEDICAL OFFICES/COMMITTEES

BORGESS MEDICAL CENTER

Scoliosis Center, Codirector, 1985-1990

Utilization Review Committee, 1986-1990

Surgical Qualifications Committee, **elected office**, 1987-1988

Quality Assurance Committee, Orthopedic Medical Staff Representative, 1987-1989

Spinal Injury Center, Co-Director 1987-1990

Osteoporosis Center, Co-Director, 1988-1992

Spine and Head Injury Committee, Medical Director, 1989-1990

Executive Committee, **elected office**, 1989-present

Medical Staff Secretary, **elected office**, 1992-1994

Credentials Committee, **elected office**, 1992-1996

Borgess Perspectives in Research, Managing Editor, 1993-1999

KALAMAZOO ACADEMY OF MEDICINE

Borgess Representative, Board of Directors, **Elected Office** 1992-1994

MICHIGAN DEPARTMENT OF LABOR AND EDUCATION

Expert Witness for Orthopedic Spine Case Reviews, 1998-2005.

MILITARY

NEBRASKA NATIONAL GUARD

MOS Medical Corpsman

1970-1979, Honorable Discharge

2nd Lieutenant Discharge Rank

NOT LISTED

“Expert Witness Cases” and “Consulting for Industry”.

ACE

EBI

Medtronic

Globus

ZYGA

Tenon

VBI

SAIL

