

## CURRICULUM VITAE

NAME: **Robert G. Johnson, M.D.**

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UNDERGRADUATE EDUCATION: Bachelor of Science, 1972  
University of Guelph, Ontario, Canada

GRADUATE EDUCATION: Doctor of Medicine, 1976  
University of Toronto, Ontario, Canada

Master of Science, 1984  
McGill University, Montreal, Canada

INTERNSHIP: St. Michael's Hospital, 1976-77  
Toronto, Canada

RESIDENCY: Orthopaedic Surgery, Wellesley Hospital, 1978  
Toronto, Canada

Plastic Surgery, Sunnybrook Medical Centre, 1979  
Toronto, Canada

Cardiovascular Surgery, Toronto General Hospital, 1979, Toronto,  
Canada

Respiratory ICU, Toronto General Hospital, 1979  
Toronto, Canada

General Surgery, Wellesley Hospital, 1980  
Toronto, Canada

Senior Orthopaedic Resident  
Toronto East General Hospital, 1981  
Toronto, Canada

Chief Orthopaedic Resident  
Hospital for Sick Children, 1981  
Toronto, Canada

Senior Orthopaedic Resident  
Wellesley Hospital, 1982  
Toronto, Canada

LICENSURE: Quebec #83-006, January 13, 1983  
Texas #G7249, December 2, 1984

CERTIFICATION: American Board of Orthopaedic Surgery, 1986  
American Academy of Orthopaedic Surgeons, 1987  
American College of Surgeons, 1988  
American Board of Spine Surgery, 1999

PRIVATE PRACTICE: Texas Back Institute  
Dallas, TX 1984-1987

Attending Orthopaedic Surgeon  
R. H. Dedman Medical Centre,  
Dallas, TX, 1984-1989

South Texas Orthopaedic & Spinal Surgery Associates,  
San Antonio, TX, 1989-1996

Neurosurgical Associates of San Antonio, P.A.  
San Antonio, TX, January 1, 1996, to present

HOSPITAL  
AFFILIATIONS: Southwest Texas Methodist Hospital  
Methodist Specialty & Transplant Hospital  
Metropolitan Methodist Hospital  
The Spine Hospital of South Texas

PROFESSIONAL  
ORGANIZATIONS: Bexar County Medical Society  
Texas Medical Association  
North American Spine Society  
American College of Surgeons  
American Academy of Orthopaedic Surgery  
American Board of Spine Surgery

HONORS AND AWARDS: Research Fellowship, Hospital for Sick Children  
Toronto, Canada

Best Technical Paper, Laboratory Animal Sciences  
Ottawa, Canada

Gallie-Bateman Prize for Surgical Research  
Toronto, Canada

Best Paper Award, Orthopaedic Residents' Conference  
London, Ontario

President, Orthopaedic Residents' Association  
Toronto, Canada

Research Fellowship, Joint Diseases Laboratory  
Shiners Hospital, Montreal, Canada

PREVIOUS  
APPOINTMENTS:

Research Fellow, Joint Diseases Laboratory  
Shiners Hospital for Crippled Children  
Montreal, Canada, 1982-1984

Orthopaedic Surgeon, Metro Medic Clinic  
Montreal, Canada, 1983-1984

Lecturer, Department of Physical and  
Occupational Therapy  
McGill University, Montreal, Canada, 1984

Orthopaedic Surgeon, Texas Back Institute  
Plano, TX, 1984-1987

Consulting Orthopaedic Surgeon  
Plano General Hospital  
Plano, TX, 1984-1989

Consulting Orthopaedic Surgeon  
Trinity Medical Center  
Carrollton, TX, 1984-1989

Assistant Clinical Professor  
University of Texas Health Science  
Center, Dallas, TX, 1985-1989

Medical Director  
Texas Back Institute Research Foundation  
Plano, TX, 1987

ACADEMIC  
APPOINTMENTS:

Instructor, Anatomy  
University of Toronto, Ontario, Canada, 1977

Lecturer, McGill University  
Montreal, Quebec, Canada, 1983-1984

Assistant Clinical Professor of Orthopaedics  
University of Texas Health Science Center  
Dallas, TX, 1985-1989

Assistant Clinical Professor of Orthopaedics  
University of Texas Health Science Center,  
San Antonio, TX, 1989-present

Vice-Chairman, Department of Orthopaedic Surgery  
St. Luke's Baptist Hospital  
San Antonio, TX, 1993-1994

Chairman, Department of Orthopaedic Surgery  
St. Luke's Baptist Hospital  
San Antonio, TX, 1994-1995

OTHER POSITIONS:

Credentials Committee, American Board of Spine Surgery  
2002 – present

Examiner, American Board of Spine Surgery, 2004-present

BIBLIOGRAPHY:

Johnson RG, Bobechko WP, Herbert MA, Wright CS,  
Offierski C, Kellam J. **The Effects of Continual Saline Irrigation  
on Articular Cartilage.** Ortho. Trans., Vol 2, No 1, 293, 1978.  
Presented at the Canadian Orthopaedic Research Society,  
Vancouver, 1978

Kumar A, Wong DA, Johnson RG, Herbert MA, Salter RB. **The Restraint of Rabbits in a Special Sling**. Lab. Anim. Sci., Vol.29, No. 4, 1979. Presented at the Canadian Association of Laboratory Animal Sciences, Ottawa 1978, and The American Association of Laboratory Animal Sciences, New York, 1978

Johnson RG, Stollery J, Keeley FW, Herbert MA. **Biochemical Analysis of Rabbit Articular Cartilage Using an Amino Acid Analyzer**. Clin, Ortho., 146:282, 1980. Presented at the Canadian Orthopaedic Residents' Meeting, Ottawa, 1980

Johnson RG, Simmons, EH. **Discoid Medial Meniscus**. Clinical Orthop. 167:176, 1982

Johnson RG, Herbert MA, Wright CS, Offierski C, Kellam J, Goodman S, Bobechko WP. **The Response of Articular Cartilage to the In Vivo Replacement of Synovial Fluid with Saline**. Clin. Orthop., 174:285, 1983. Presented at the Canadian Orthopaedic Residents' Meeting, London, 1979, and the A.O.A. Residents' Meeting, Oklahoma City, 1980

Johnson RG, Schatzker J. **Fracture-Dislocation of the Ankle with Anterior Dislocation of the Fibula**. J. Traum, 23:420, 1983

Johnson RG, Weber C, Roughley PJ, Rosenberg LC, Poole AR. **Changes in Proteoglycan Distribution in Experimental Degenerative Arthritis**. Ortho. Trans, Vol.8, No.2, 263, 1984

Johnson RG. **The Early Response of Cartilage Proteoglycans to Anterior Cruciate Transection and Valgus Deformity at the Knee – A Comparison of Two Dog Models of Cartilage Degeneration**. Thesis for the Degree of Master of Science, Department of Exp. Surg., McGill University of Montreal

Johnson RG, MacNab I. **Localization of Symptomatic Lumbar Pseudarthrosis by Use of Discography**. Clin. Orthop. 187:164-170, 1985

Johnson RG. **Electrical Stimulation and Lumbar Spinal Fusion**. Orthopedics 24:87,2001.

Johnson RG. **Transection of Canine Anterior Cruciate Ligament: A concise review of experience with this model of degenerative joint disease.** Exp. Pathol. 30,209-213, 1986

Vanharanta H, Sachs BL, Spivey MA, Guyer RD, Hochschuler SH, Rashbaum RF, Johnson RG, Ohnmeiss D, Mooney Vert. **The Relationship of Pain Provocation to Lumbar Disc Deterioration as seen by CT/Discography.** Spine Vol. 12, No. 3, 295, 1987. Presented in part at the International Society for Study of the Lumbar Spine, Dallas, TX, 1986

Sachs BL, Vanharanta H, Spivey MA, Guyer RD, Videman Tapio, Rashbaum RF, Johnson RG, Hochschuler SH, Mooney Vert. **Dallas Discogram Description – A New Classification of CT/Discography in Low Back Disorders.** Spine Vol. 12, No. 3, 288, 1987. Presented in part at the International Society for Study of the Lumbar Spine, Dallas, TX, May, 1986, and the North American Spine Society, Bolton Landing, New York, 1986

Johnson Robert G, Poole A. Robin: **Degenerative Changes in Dog Articular Cartilage Induced by a Unilateral Tibial Valgus Osteotomy.** Exp. Path. 33:145-164, 1988

Miller Mark D, Johnson Robert, Naifeh Jerome. **Repair of Sternal Dehiscence Using a Harrington Compression System.** Ann Thorac Surg 45:684-685, 1988

Loquidice VA, Johnson RG, Guyer RD, Stith WJ, Ohnmeiss DD, Hochschuler SH, Rashbaum RF. **Anterior Lumbar Interbody Fusion.** Spine 13:366, 1988. Presented at the North American Spine Society Meeting, Banff, Alberta, Canada, 1987

Hochschuler SH, Guyer RD, Stith WJ, Ohnmeiss DD, Rashbaum RF, Johnson RG. **Proplast Reconstruction of Iliac Crest Defects.** Spine 13:378, 1988. Presented at the North American Spine Society Meeting, Banff, Alberta, Canada, 1987

Johnson RG, Murphy M, Miller M. Cell Saver, **Autologous Blood Recommended for Spine Fusions.** Orthopaedics Today 9:11, 1989

Johnson RG. **Does Discography Injure Normal Discs? An Analysis of Repeat Discograms.** Spine 14:424-426, 1989. Presented at the NASS meeting, Colorado Springs, 1988

Johnson RG, Miller M, Murphy M. **Intraspinal Narcotic Analgesia: A Comparison of Two Methods of Postoperative Pain Relief.** Spine 14:363-366, 1989. Presented at the NASS meeting, Colorado Springs, 1988

Johnson RG, Murphy M, Miller M. **Fusions and Transfusions: An Analysis of Blood Loss and Autologous Replacement During Lumbar Fusions.** Spine 14:358-362, 1989. Presented at the NASS meeting Colorado Springs, 1988

Johnson RG. **MacNab's Traction Spur Revisited.** Neuro-Orthopaedics 7:92-93, 1989

Johnson RG, Poole AR. **The early response of articular cartilage to ACL transection in a canine model.** Exp. Pathol. 38:37-52, 1990. Presented at the Ortho Research Society, Atlanta, 1984

Johnson RG, Murphy JM. **The Role of Desmopressin in Reducing Blood Loss During Lumbar Fusions.** Surg. Gynecol. Obstet: 171:223-226, 1990. Presented at the NASS meeting, Monterey, 1990

Johnson RG. **Use of Blood in Spine Surgery.** NASSNEWS 4:4,1990

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McNamara MG, Garcia FJ, Johnson RG. **Blood Loss in Lumbar Surgery: Prevention and Replacement.** Spine: State of Art Reviews 5:53-66, 1991. Presented at the NASS meeting, Keystone, Colorado, 1991

Johnson RG, (editor). **Blood Loss in Spinal Surgery: Prevention and Replacement.** Spine:State of Art Reviews. Philadelphia, Hanley and Belfus, Inc. 1991

Johnson RG. **War in Croatia.** J. Trauma (Letter to the Editor)

Johnson RG. **Non-iatrogenic Fusion of the Lumbar Spine. A Review Article.** Neuro-Orthopaedics 13:69-83, 1992

Dean SM, Hall BB, Johnson RG. **An Analysis of Lumbar Fusions With and Without VSP Internal Fixation: A Retrospective Study.** Neuro-Orthopaedics 13:85-93, 1992

Johnson RG. **Septic Arthritis of the Hip by Direct Spread from a Lumbar Vertebral Osteomyelitis.** Neuro-Orthopaedics 15:51-58, 1993

Valdez DC, Johnson RG. **Role of technetium-99m planar bone scanning in the evaluation of low back pain.** Skeletal Radiol 23:91-97, 1994

Johnson RG. **Venous Thrombosis After THA.** Orthopedics Vol 15:476, 1999 (Letter to the Editor)

Johnson RG. **Electrical Stimulation and Lumbar Spinal Fusion.** Orthopedics Vol 24, No 2:87, 2001 (Letter to the Editor)

Johnson RG. **A Modified VSP Screw: Two-Year Experience.** J Spinal Disorders & Techniques Vol 16:3,268,2003

Johnson RG. **Lumbar Spine Fusion.** Orthopedics Vol 26:8,756,2003 (Letter to the Editor)