

CURRICULUM VITAE

NAME: **Robert G. Johnson, M.D.**
BORN: June 22, 1951, British Guiana,
Canadian Citizenship
U. S. Resident Alien Number 2690002311

OFFICE ADDRESS: 4410 Medical Drive, Suite 610
San Antonio, TX 78229
Phone: (210) 614-2453
Fax: (210) 614-4907

**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, 1977
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
American Board of Spine Surgery, Recertification, 2003

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

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
American Medical Association

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

Oral Examiner, American Board of Spine Surgery, 2004-present

Chairman, American Board of Spine Surgery, 2005-2008

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. 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 RG, Poole AR: Degenerative Changes in Dog Articular Cartilage Induced by a Unilateral Tibial Valgus Osteotomy. Exp. Pathol. 33:145-164, 1988

Miller MD, **Johnson RG**, Naifeh J. Repair of Sternal Dehiscence Using a Harrington Compression System. Ann Thorac Surg 45:684-685, 1988

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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, 1990

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

Johnson RG. Blood Loss in Spine Surgery: Is There a Problem? *Spine: State of Art Reviews* 5:1-6, 1991. Presented at the NASS meeting, Keytone, Colorado, 1991

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

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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)

Johnson, RG. T-Coupler: a method of in situ coupling of plate-plate and rod-plate: a technical report. *Spine* (6) 450-454, 2006

Johnson RG, Swann KW, Sanders AE, , Swann MC.
Radiologic Evaluation of Cervical Nitinol Staples in a Goat
Model. AANS/CNS Section on Disorders of the Spine and
Peripheral Nerves (poster presentation at the Section
Meeting, Orlando, February 2008)

Swann KW, Saunders AE, **Johnson RG**, Swann MC.
Radiologic, Histologic, and Specimen Evaluation of
Cervical Nitinol Staples in a Goat Model". Spine Vol 8,
1524, 2008 (poster presentation at the North American
Spine Society Meeting, Toronto, October 2008)