

**CURRICULUM VITAE**  
**THOMAS FRANCIS GLEASON, M.D.**

**PERSONAL DATA**

Business Address	Illinois Bone & Joint Institute, LLC 9000 Waukegan Rd. Morton Grove, IL, 60053
Business Phone	(847) 375-3000
Fax Number	(847) 929-1117
Website	www.gleasonortho.com

**EDUCATION**

High School	Loyola Academy College Preparatory Wilmette, Illinois	1967-71
College B.A. Degree	Dartmouth College Hanover, New Hampshire Majors – Chemistry & Mathematics	1971-75
Medical School	Loyola University Stritch School of Medicine Maywood, Illinois	1975-78
Residency	University of Illinois College of Medicine Chicago, Illinois Assistance Resident in General Surgery Assistance Instructor in Orthopaedics Instructor in Orthopaedics	1978-83 1978-79 1979-80 1980-83

**FELLOWSHIPS**

Adult Spinal Problems under John P. Kostuik, M.D., F.R.C.S. at University of Toronto Toronto General Hospital	1983-84
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## **ACADEMIC APPOINTMENTS**

Assistant Clinical      University of Illinois Medical Center at Chicago  
Professor

Assistant Clinical      Rosalind Franklin University of Medicine and Science  
Professor

Faculty Member      Cook County Graduate School of Medicine

Fellowship in Adult Reconstruction of the Hip and Knee  
Illinois Bone and Joint Institute

Preceptor      University of Nebraska – Physician Assistant Program/  
Master of Physician Assistant Studies

## **PROFESSIONAL APPOINTMENTS**

Lutheran General Hospital	Attending Staff
St. Joseph Hospital	Attending Staff
St. Francis Hospital	Attending Staff
Northshore University Health Systems	Attending Staff
Resurrection Medical Center	Attending Staff
Alexian Brothers Medical Center	Attending Staff

## **CERTIFICATION**

<u>National Board of Medical Examiners</u> Of the United States	1979
Certified by the Diplomate of the American Board of Orthopaedic Surgery	1986
Re-certified	1995
Re-certified	2005

Re-certified	2014
The American Board of Medical Consultants	1999
The American Board of Independent Medical Examiner	2011
Certified in the Evaluation of Disability and Impairment Rating by the International Academy of Independent Medical Evaluators	2016

### **EDITORIAL BOARD**

Editorial Advisory Board, *SPINE*  
Manuscript Reviewer

“Archives of Physical Medicine  
Rehabilitation” Article Reviewer

### **COMMITTEES**

University of Illinois, College of Medicine  
Alumni Admissions Committee

### **CONSULTANT**

National Peer Review Corporation  
Anatomical Chart Company  
Council of Healthcare Advisors

### **ADMINISTRATIVE POSITIONS**

Midwest Orthopaedic Network, Chairman	(2002-2008)
AdvanCare Home Health Services, Medical Director	

### **PROFESSIONAL AFFILIATIONS**

American Medical Association  
Illinois State Medical Society  
American Association of Hip/Knee Surgeons  
Chicago Medical Society  
North American Spine Society  
International Society for the Study of the Lumbar Spine  
Illinois Association of Orthopaedic Surgeons  
International College of Surgeons  
Fellow, American College of Surgeons  
Orthopaedic Research Society

American Academy of Orthopaedic Surgeons  
American Association of Orthopaedic Foot & Ankle Surgeons  
American Association of Hip & Knee Surgeons  
Spine Arthroplasty Society  
American College of Physician Executives  
Midwest Orthopaedic Network  
American College of Sports Medicine

ISMS House of Delegates 2013

(1996-2008)

## **PUBLICATIONS**

Gleason, T.F., Prinz, R.A., Kirsch, E.P., Jablokow, V., and Greenlee, H.R.: Tuberculosis of the Duodenum. The American Journal of Gastroenterology, 72:36-40, 1979.

Gleason, T.F., and Abraham, E.: Bilateral Carpal Tunnel Syndrome Associated with Unilateral Duplication of the Flexor Digitorum Superficialis Muscle: A Case Report, The Hand. 14:48-50, 1982.

Goldstein, W.M., Gleason, T.F., and Barmada, R.: A Comparison Between Arthrotomy and Irrigation and Multiple Aspirations in the Treatment of Pyogenic Arthritis. A Histologic Study in a Rabbit. Orthopaedics, 6:1309-1314, 1983.

Gleason, T.F., Goldstein, W.M., and Ray, R.D.: The Function of the Anconeus Muscle. Letter to the Editor. Journal of Bone and Joint Surgery, 65:1031, 1983.

Gleason, T.F. and Goldstein, W.M.: Traumatic Recurrent Posterior Dislocation of the Radial Head: A Case Report. Clinical Orthopaedics and Relative Research, 184:186-189, April 1984.

Gleason, T.F., Barmada, R. and Ghosh, L.: Can Carbon Fiber Implants Substitute for Collateral Ligaments. Clinical Orthopaedics and Related Research, 191:274-280, December 1984.

Hall, R., and Gleason, T.F.: Simultaneous Closed Complex Dislocation of the Index, Long and Ring Finger: A Case Report. Journal of Hand Surgery, 10:81-85, January 1985.

Gleason, T.F., Goldstein, W.M., and Ray, R.D.: The Function of the Anconeus Muscle.

Clinical Orthopaedics and Related Research, 192:147-148, February 1985.

Kostuik, J.P., Errico, T.J., and Gleason, T.F.: Techniques of Internal Fixation for Degenerative Conditions of the Lumbar Spine. Clinical Orthopaedics and Related Research, 203:219-231, February 1986.

Kostuik, J.P., Errico, T.J. and Gleason, T.F.: Spinal Stabilization of Vertebral Column Tumors. Spine, 13:250-256, 1988.56, 1988.

Cybulski, G.R., Anson, J., Gleason, T.F., Horusi, M.F. and Reyes, M.G.: Aneurysmal Bone Cyst of the Thoracic Spine: Treatment and Segmental Stabilization with Luque Rods. Neurosurgery, 24:273-276, 1989.

Cybulski, G.R., Greager, J.A., Gleason, T.F., Reyes, M.G. and Horuski, M.F.: Malignant Schwannoma (Neurofibrosarcoma) Metastatic to the Spine: Surgical Decompression and Stabilization. Spine, 14:549-551, 1989.

Kostuik, J.P., Errico, T.J., and Gleason, T.F.: Luque Instrumentation in Degenerative Conditions of the Lumbar Spine. Spine, 15:318-321, 1990.

Gleason, T.F. and Massey, T.H.: Late Sequelae of the Spinal Trauma. Chapter 22. Spinal Trauma, 563-580. Edited by Errico, T.J., Bauer, R.D., Waugh, T.J., B. Lippincott, Philadelphia, Pennsylvania, 1990.

Ahuja, G.S., Gleason, Thomas F. and Suckow, Earl E.: Osteoblastoma of the Talus: Case Report and Literature Review. Contemporary Orthopaedics, November 1995.

Goldstein, W.M., Gleason, T.F., Kopplin, M., and Branson, J.J.: Prevalence of Dislocation After Total Hip Arthroplasty Through a Posterolateral Approach with Partial Capsulotomy and capsulorrhaphy. Journal of Bone and Joint Surgery. 2001; 83-A Supplement 2-1:2-7.

Ponder, B.L., Gleason, T.F., and Mardjetko, S.M.: Neurophysiologic Intraoperative Monitoring during Percutaneous Thoracolumbar Kyphoplasty: A Multi-Modality Approach. Am. J. END Technol, 42:103-118, 2002.

Biafora, S.J., Mardjetko, S.M., Butler, J.P., McCarthy, P.L., Gleason, T.F.: Arterial Injury following Percutaneous Vertebral Augmentation: A Case Report.  
Accepted for Publication in Spine, February, 2006 - Spine, 31:E84-E87, 2006.

Goldstein, W.M., Raab, D.J., Gleason, T.F., Branson, J.J., Berland, K.: Why Posterior Cruciate.

Retaining and Substituting Total Knee Replacements Have Similar Ranges of Motion. Journal of Bone and Joint Surgery. Pages 182-188, Volume 88-A, Supplement 4, 2006.

Gleason, T.F.: Pathologic Bone: Kyphoplasty Indications and Techniques. Audio Digest Orthopaedics, Volume 33, Issue 24, December , 2010.

Gleason, T.F.: Pathologic Bone: Vertebroplasty versus Kyphoplasty. Audio Digest Orthopaedics, Volume 34, 2011

"Immediate or Elective Decompression and Stabilization for Incomplete Spinal Cord Injuries?" Audio Digest Orthopaedics, Volume 36, Issue 08, April 21, 2013, ISSN 0271-132X.

### **PRESENTATIONS AND SCIENTIFIC EXHIBITS**

“Spinal Fusion with Segmented Fixation.” Presented at the Shriners Chief Surgeons’ Meeting, Chicago, Illinois, October 1, 1981.

“The Treatment of Selected Colles Fractures with Percutaneous Pins and Short Arm Cast.” Scientific Exhibit at the 49th Annual American Academy of Orthopaedic Surgeons’ Meeting, New Orleans, Louisiana, January 21-26, 1982.

“Treatment of the Developmental Paralytic Spinal Deformity.” Presented at the 15th Annual American Orthopaedic Association Residents’ Conference, Howard University, Washington, D.C., April 29, 1982.

“Molded 3-D Representations from Sequential CT Sections.” Presented at the First Annual IEEE/EMBS Conference, Columbus, Ohio, September 10-12, 1983.

“Anterior Decompression and Stabilization for Burst Injuries of the Thoracic Spine and Lumbar Spine.” Exhibit at the 18th Annual Scoliosis Research Society Meeting, New Orleans, Louisiana, September 28-October 1, 1983.

“Anterior Instrumentation for Rigid Scheuermann’s Kyphosis.” Exhibit at the 18th Annual Scoliosis Research Society Meeting, New Orleans, Louisiana, September 28- October 1, 1983.

“Molded 3-D Representation Reconstructed from Sequential CT Scans.” Presented at the

7th Annual Symposium on Computer Applications in Medical Care. Washington, D.C., October 23-26, 1983.

“The Role of Carbon Fiber Filament Implant as Collateral Ligament Substitution.” Exhibit at the 30th Annual Orthopaedic Research Society Meeting, Atlanta, Georgia, February 6-9, 1984.

“A Comparison between Arthrotomy and Irrigation and Multiple Aspirations in the Treatment of Pyrogenic Arthritis. A Histologic Study in a Rabbit Model.” Exhibit at the 30th Annual Orthopaedic Research Society Meeting, Atlanta, Georgia, February 6-9, 1984.

“Ligamentous Injury of the Knee Repaired by MacIntosh Techniques.” Presented at the Meeting of the Dewar Orthopaedics Club, Ottawa, Canada, March 2-6, 1984.

“The Role of Carbon Fiber Filament Implant as a Collateral Ligament Substitution.” Presented at the 62nd Annual Meeting of the American College of Surgeons Committee on Trauma, Phoenix, Arizona, March 7-10, 1984.

“Surgical Management of the Adult Hemophiliac.” Presented at the Symposium on the Management of Hemophiliac Arthroplasty, McMaster University, Hamilton, Ontario, April 28, 1984.

“Management of the Spinal Injury Patient.” Presented at the A.A.O.S. Continuing Education Course: The Spine Fundamental Problems, Toronto, Canada, May 10-12, 1984.

“Diagnosis and Surgical Management of Spinal Tumors.” Presented at the A.A.O.S. Continuing Education Course: The Spine Fundamental Problems, Toronto, Canada, May 10-12, 1984.

“Luque Instrumentation in the Degenerative Conditions of the Lumbar Spine.” Exhibit at the Meeting of the International Society of the Study of the Lumbar Spine, Montreal, Quebec, June 3-7, 1984.

“Molded 3-D Representations Reconstructed from Sequential CT Scans.” Exhibit at the Meeting of the International Society of the Study of the Lumbar Spine, Montreal, Quebec, June 3-7, 1984.

“Comparison of the Spinal Fracture Fixation Devices Under Dynamic Cyclical Loading of

Calf Spines.” Exhibit at the 40th Annual Meeting of the Canadian Orthopaedic Association, Winnipeg, Manitoba, June 10-14, 1984.

“Correction of Spinal Iatrogenic Lumbar Kyphosis “Flat Back Syndrome.” Presented at the 19th Annual Meeting of the Scoliosis Research Society , Orlando, Florida, September 18-22, 1984.

“Comparison of Spinal Fracture Fixation Devices Under Dynamic Cyclical Loading of Calf Spines.” Exhibit at the 19th Annual Meeting of Scoliosis Research Society, Orlando, Florida, September 18-22, 1984.

“Corrections of Iatrogenic Lumbar Kyphosis “Flat Back Syndrome.” Exhibit at the 19th Annual Meeting of the Scoliosis Research Society, Orlando, Florida, September 18-22, 1984.

“Spinal Stabilization of Vertebral Column Tumors.” Exhibit at the 19th Annual Meeting of the Scoliosis Research Society, Orlando, Florida, September 18-22, 1984.

“Molded 3-D Representations Reconstructed from Sequential CT Scans.” Exhibit at the 19th Annual Meeting of Scoliosis Research Society, Orlando, Florida, September 18-22, 1984.

“Luque Instrumentation in Degenerative Conditions of the Lumbar Spine.” Presented at the 1st Annual Meeting of the American College of Spine Surgeons, Las Vegas, Nevada, January 24-29, 1985.

“Spinal Stabilization of Vertebral Column Tumors.” Presented at the Scientific Program of the 52nd Annual American Academy of Orthopaedic Surgeons Meeting, Las Vegas, Nevada, January 24-29, 1985.

“Indications for the Use of Anterior Kostuik-Harrington Instrumentation in Spine Surgery.” Scientific Exhibit at the 52nd Annual American Academy of Orthopaedic Surgeons Meeting, Las Vegas, Nevada, January 24-29, 1985.

“Molded 3-D Representations Reconstructed from Sequential CT Scans.” Exhibit at the 52nd Annual American Academy of Orthopaedic Surgeons Meeting, Las Vegas, Nevada, January 24-29, 1985.

“Luque Instrumentation in Degenerative Conditions of the Lumbar Spine.” Exhibit at the 52nd Annual American Academy of Orthopaedic Surgeons Meeting, Las Vegas, Nevada,



January 24-29, 1985.

“Comparison of Spinal Fracture Fixation Devices Under Dynamic Cyclical Loading of Calf Spines.” Exhibit at the 52nd Annual American Academy of Orthopaedic Surgeons Meeting, Las Vegas, Nevada, January 24-29, 1985.

“Spinal Stabilization of Vertebral Body Tumors.” Presented at the 41st Annual Meeting of the Canadian Orthopaedic Association, Hamilton, Ontario, June, 1985.

“Spinal Stabilization of Vertebral Body Tumors.” Presented at the 99th Annual Meeting of the American Orthopaedic Association, Hot Springs, Virginia, June 23-26, 1986.

“The Use of Instrumentation for Salvage for Multiple Level Degenerative Disc Disease.” Presented at the North American Spine Society 1st Annual Meeting, Bolton Landing, New York, July 20-23, 1987.

“Anterior Kostuik-Harrington Distraction for the Treatment of Kyphotic Deformities and Fractures.” Exhibit at the North American Spine Society 1st Annual Meeting, Bolton Landing, New York, July 20-23, 1987.

“Single Stage Anterior Decompression and Stabilization for Burst Injuries of the Thoracic Spine.” Exhibit at the North American Spine Society 2nd Annual Meeting, Banff, Canada, June 25-28, 1987.

“Indications for Surgical Management of Scheuermann’s Kyphosis in the Adult.” Exhibit at the 2nd Annual North American Spine Society Meeting, Banff, Canada, June 25-28, 1987.

“Spinal Stabilization of Vertebral Column Tumors.” Presented at the North American Spine Society 2nd Annual Meeting, Banff, Canada, June 25-28, 1987.

“Correction of Iatrogenic Lumbar Kyphosis “Flat Back Syndrome.” Presented at the North American Spine Society 2nd Annual Meeting, Banff, Canada, June 25-28, 1987.

“Spinal Stabilization of Vertebral Column Tumors.” Presented at the 22nd Annual Meeting of the Scoliosis Research Society, Vancouver, British Columbia, Canada, September 15-19, 1987.

“Surgical Treatment of Adult Kyphotic Spine Deformity.” Presented at the 75th Annual

Clinical Orthopaedic Society Meeting, Chicago, Illinois, October 7-9, 1987.

“Correction of Iatrogenic Lumbar Kyphosis “Flat Back Syndrome.” Presented at the 3rd Annual Meeting of the Federation of Spine Associations, Atlanta, Georgia, February 7, 1988.

“Indications for Surgical Management of Scheuermann’s Kyphosis in the Adult.” Presented at the Meeting of the International Society for the Study of the Lumbar Spine, Miami, Florida, April 13-17, 1988.

“Correction of Iatrogenic Lumbar Kyphosis “Flat Back Syndrome.” Presented at the Meeting of the International Society for the study of the Lumbar Spine, Miami, Florida, April 13-17, 1988.

“Indications for Surgical Management of Scheuermann’s Kyphosis in the Adult.” Exhibit at the North American Spine Society 3rd Annual Meeting, Colorado Springs, Colorado, July 24-27, 1988.

“Spinal Stabilization of Vertebral Column Tumors.” Exhibit at the North American Spine Society 3rd Annual Meeting, Colorado Springs, Colorado, July 24-27, 1988.

“Indications for Surgical Management of Scheuermann’s Kyphosis in the Adult.” Exhibit at the 23rd Annual Meeting of the Scoliosis Research Society, Baltimore, Maryland, September 29-October 2, 1988.

“Indications for Surgical Management of Scheuermann’s Kyphosis in the Adult.” Exhibit at the North American Spine Society 4th Annual Meeting, Quebec City, Canada, June 29th-July 2, 1989.

“Symptomatic Posterior Instability of Posterior Cruciate Retaining Total Knee Replacement: Diagnosis with Lateral X-ray View with Flexion by Gravity.” Exhibit at the 66th Annual Meeting of the American Academy of Orthopaedic Surgeons. Anaheim, California, February 4-8, 1999.

“Advances in Cervical Surgical Techniques.” Presented at the Meeting of Advanced Management of the Cervical Spine, Chicago, Illinois, September 17, 1999.

“Laterally Eccentric Tibial Stem Position in Total Knee Arthroplasty: Should the Stem be Removed 3mm Medial on the Tray?” Exhibit at the 67th Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, Florida, March 15-19, 2000.

“The Incidence of Dislocation after Total Hip with Posterior Approach with Partial Capsulotomy and Capsulorrhaphy.” Presented at the 68th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, California, February 28-March 4, 2001.

“Advances in the Treatment of Back Pain.” Presented at the Arthritis Foundation Conference, Park Ridge, Illinois May 5, 2001.

“Kyphoplasty – Indications and Technique.” Presented at the 4th Annual Chicago Trauma Symposium, Chicago, Illinois, August 2-4, 2002.

“Kyphoplasty.” Presented at the American College of Surgeons and Illinois Association of Orthopaedic Surgeons Meeting, Chicago, Illinois, October 19, 2002.

“Selective Anterior Fusion and Instrumentation for the Treatment of Neuromuscular Scoliosis.” Presented at the 17th Annual Meeting of the North American Spine Society, Montreal, Canada, October 30 – November 2, 2002.

“Kyphoplasty – Indications, Techniques and Outcomes.” Presented at the 5th Annual Chicago Trauma Symposium, Chicago, Illinois, August 8-10, 2003.

“Re-Engineering Private Practice Business Strategies to Deal with Declining Reimbursement and Increasing Costs.” Exhibit at the 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, California, March 10-14, 2004.

“Acetabular Revision for Hip Dislocation.” Exhibit at the 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, California, March 10-14, 2004.

“Kyphoplasty: Indications, Technique, and Results.” Presented at the 6th Annual Chicago Trauma Symposium, Chicago, Illinois, August 12-15, 2004.

“Medical Liability Reform: Stopping the Skyrocketing Price of Healthcare.” Testimony presented before the Congress of the United States, House of Representatives, Committee on Small Business, Washington, D.C., February 17, 2005.

“Anatomic, Scientific and Clinical Perspectives of Low Back Pain.” Presented at the IDC Spring Defense Tactics Seminar, Chicago, Illinois, March 11, 2005.

“Pathologic Fracture Care.” presented at the 7th Annual Chicago Trauma Symposium, Chicago, Illinois, August 11-14, 2005.

"Posterior Condylar Cleanout." Exhibit at the 73rd Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, Illinois, March 22-26, 2006.

“The GAT Flap.” Exhibit at the 73rd Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, Illinois, March 22-26, 2006. Published: Spine, 31:E84- E87, 2006.

"Pathologic Spinal Fractures." Presented at the 8th Annual Chicago Trauma Symposium, Chicago, Illinois, July 27-30, 2006.

"Kyphoplasty. Indications, Technique and Results." Presented at Stryker - The Aging Spine: Indications, Challenges and Surgical Management. Lake Geneva, August 11-12, 2006.

"Testifying in Court-What I Have Learned." Presented at 10th Annual Chicago Trauma Symposium, Chicago, Illinois, August 7-10, 2008.

"Testifying in Court-What I Have Learned." Presented at the Illinois Association of Orthopaedic Surgeons (IAOS), September 27-28, 2008.

"Interventional Strategies for Treatment of Osteoporotic Vertebral Fractures." Presented at the Annual State of Art Rheumatology Meeting, Chicago, Illinois, April 16-18, 2009.

“Testifying in Court-What I Have Learned.” Presented at the 11th Annual Chicago Trauma Symposium, Chicago, Illinois, July 30-August 2, 2009.

"Pathologic Vertebral Fractures: Kyphoplasty Indications and Techniques." Presented at the 12th Annual Chicago Trauma Symposium, Chicago, Illinois, August 5-8, 2010.

"Fragility Fractures of The Spine - Vertebroplasty versus Kyphoplasty" Presented at the 13th Annual Chicago Trauma Symposium. Chicago, Illinois. August 25-28, 2011.

"Immediate versus Elective Decompression and Stabilization in the Incomplete Spinal Cord Injury." Presented at the 14th Annual Trauma Symposium, Chicago, Illinois,

August 2-5, 2012.

"Osteoporotic Vertebral Compression Fractures". Presented at the 81st Annual Meeting of The American Academy of Orthopaedic Surgeons, New Orleans, Louisiana March 11-15, 2014.

"Osteoporotic Vertebral Compression Fractures". Presented at the 82nd Annual Meeting of The American Academy of Orthopaedic Surgeons, Las Vegas, Nevada. March 23-27, 2015.

"Osteoporotic Fragility Spine Fractures." Presented at the 19th Annual Chicago Trauma Symposium. Chicago, Illinois, August 16-19, 2018.

"Spinal Robotic Surgery." Presented at 2019 Winter Clinics for Cranial & Spinal Surgery. Vail, Colorado, February 24-27, 2019.

"Vertebrogenic Low Back Pain: Cause, Diagnosis and Treatment." Presented in CME approved Webinar sponsored by ProCare, Med Risk, Illinois Bone and Joint Institute and Dental Works USA. Sponsored by ProCare, Med Risk, Illinois Bone and Joint Institute and Dental Works USA. March 24, 2021.

"Vertebrogenic Low Back Pain: Cause, Diagnosis and Treatment." Presented at the UCLA Medical Webinar. April 21, 2021.

"Domo Arigato Mr Spinal Roboto." Presented at the Mayo Clinic Neuro Surgery and Neuro Sciences Virtual Grand Rounds. Rochester, Minnesota, July 9, 2021.

"Vertebrogenic Low Back Pain, Etiology, diagnosis and Treatment." Presented at the 2022 Winter clinics for Cranial and Spinal Surgery. Vail, Colorado, February 27- March 3, 2022.

"Outcomes Following Anterior Odontoid Screw Versus Posterior C1-C2 Arthrodesis for Odontoid Fractures: A Systematic Review and Meta-Analysis" Presented at the World Spine 9 Congress and 15<sup>th</sup> Annual Congress of the Hellenic Spine Society, Athens Greece, November 3-5, 2022.

"Outcomes Following Anterior Odontoid Screw Versus Posterior C1-C2 Arthrodesis for Odontoid Fractures: A Systematic Review and Meta-Analysis" Presented at the 2024 Winter Clinic for Cranial and Spinal Surgery, Vail, Colorado, March 3-7, 2024.

"Domo Arigato Mr. Spinal Roboto." Presented at the 8<sup>th</sup> Annual World Congress of Orthopaedics, Budapest, Hungary, June 12-14, 2024.

“The Best Surgery for Cervical Radiculopathy: Are You Doing It? “ Presented at the 2025 Winter Clinic for Cranial and Spinal Surgery, Vail, Colorado, February 23-27, 2025.

## **TRANSACTIONS AND PROCEEDINGS**

Gleason, T.F. and Spencer, D.L.: Treatment of the Developmental Paralytic Spine Deformity. Orthopaedic Transactions, 6:433, 1982.

Ledley, R.S., Ray, R.D., Gleason, T.F., Lee, P., Wilson, J.B.: Molded 3-D Representations from Sequential CT Sections. Frontiers of Engineering and Computing in Health Care, 5th Annual IEEE/EMBS Conference, 154-155, 1983.

Lee, P.C., Ledley, R.S., Ray, R.D., Gleason, T.F., Wilson, J.B., Park, C.M.: Molded 3- D Representations Reconstructed from Sequential CT Scans. Proceedings of the 7th Annual Symposium on Computer Applications in Medical Care, 775-778, 1983.

Goldstein, W.M., Gleason, T.F., Ghosh, L., Barmada, R.: Treatment of Pyogenic Arthritis: The Efficacy of Arthrotomy or Aspiration and the Effect of Systemic or Intra- Articular Depomedral in Preservation of Joint Hyaline Cartilage. Transactions of the 30th Annual Meeting of Orthopaedic Research Society, 9:81, 1984.

Gleason, T.F., Barmada, R., Ghosh, L.: The Role of Carbon Fiber Filament Implant as a Collateral Ligament Substitution. Transactions of the 30th Annual Meeting of the Orthopaedic Research Society, 9:81, 1984.

Goldstein, W.M., Gleason, T.F., Ghosh, L., Barmada, R.: Treatment of Pyogenic Arthritis: The Efficacy of Arthrotomy or Aspiration and the Effect of Systemic or Intra- Articular Depomedral in Preservation of the Joint Hyaline Cartilage. Orthopaedic Transactions, 8:436, 1984.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: Luque Instrumentation in Degenerative Conditions of the Lumbar Spine. Orthopaedic Transactions, 8:436, 1984.

Kostuik, J.P., Gleason, T.F., Errico, T.J.: Corrections of Iatrogenic Lumbar Kyphosis “Flat Back Syndrome.” Orthopaedic Transactions, 9:31, 1985.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: Luque Instrumentation in Degenerative Conditions of the Lumbar Spine. Orthopaedic Transactions, 9:212, 1985.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: Spinal Stabilization of Vertebral Column Tumors. Journal of Bone and Joint Surgery, Vol. 86-B, No. 5:853, November 1986.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: Spinal Stabilization of Vertebral Column Tumors. Orthopaedic Transactions, 11:60, 1987.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: The Use of Instrumentation for Salvage for Multiple Level Degenerative Disc Disease. Orthopaedic Transaction, 11:27, 1987.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: Spinal Stabilization of Vertebral Column Tumor. Orthopaedic Transactions, 12:136, 1988.

Kostuik, J.P., Errico, T.J., Gleason, T.F.: Correction of Iatrogenic Lumbar Scoliosis "Flat Back Syndrome." Orthopaedic Transactions, 12:136, 1988.

Kostuik, J.P., Gleason, T.F., Errico, T.J., Lorenz, M.: Surgical Management in Adult Scheuermann's Kyphosis. Orthopaedic Transactions, 12:167, 1988.

Kostuik, J.P., Gleason, T.F., Errico, T.J., Lorenz, M.: Indications for Surgical Management of Scheuermann's Kyphosis in the Adult. Orthopaedic Transactions, 13:89, 1989.

## **SCIENTIFIC RESEARCH**

"Impedence Methods for Measuring Bone Healing." (Grant Proposal Submitted)

Co-Investigator in the Clinical Investigation: "A Prospective Randomized Controlled Clinical Investigation of Maverick tm Total Disc Replacement in Patients with Degenerative Disc Disease."

Co-Investigator in the Clinical Investigation: "Pivotal IDE Study of the Wallis Mechanical Normalization System."

Co-Investigator in the Clinical Investigation: "The CAFÉ Study- Cancer Patient Fracture Evaluation".

Co-Investigator in the Clinical Investigation: "A Prospective, Randomized, Controlled Clinical Investigation of DIAM Spinal System in Patients with Degenerative Lumbar Spinal Stenosis."

Principle Investigator in EVOLVE Study: "A Prospective and Multi-Center Evaluation of Outcomes for Quality of Life and Activities of Daily Living for Balloon Kyphoplasty in The Treatment of Vertebral Compression Fractures."

### **TELEVISION PRESENTATIONS**

Featured in Healthy Body Healthy Mind Show: Arthritis. Produced by Information Television Network and PBS, 2004.

Featured in Healthy Body Healthy Mind Show: Osteoporosis. Produced by Information Television Network and PBS, 2005.

Featured in Healthy Body Healthy Mind Show: Osteoporosis. Produced by Information Television Network and PBS, 2008.

### **AWARDS**

"A Comparison Between Arthrotomy and Irrigation and Multiple Aspirations in the Treatment of Pyogenic Arthritis." Honorable Mention in the First Annual Orthopaedic Writing Competition for Orthopaedic Residents.

"The Role of Carbon Fiber Filament Implant as a Collateral Ligament Substitution." Winner in Competition on Scientific Papers on Trauma. The American College of Surgeons, 1983.

"The Role of Carbon Fiber Filament Implant as a Collateral Ligament Substitution." Midwest Regional Winner in Competition on Scientific Papers on Trauma. The American College of Surgeons, 1984.

Selection as one of "America's Top Physicians", listed in the "Guide to America's Top Physicians", chosen by the Consumer's Research Council of America-2008.

Selection as a "Leading Health Professional of the World", chosen by the International Biographical Centre, Cambridge, England-2008, 2011.

A Top Doctor in The Global Directory of Who's Who, 2012

Updated 04/01/25