



## **CERTIFICATION**

National Board of Medical Examiners Of the United States	1979
Certified by the Diplomate of the American Board of Orthopaedic Surgery	1986
Re-certified	1995
The American Board of Medical Consultants	1999

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## **EDITORIAL BOARD**

Editorial Advisory Board, SPINE  
Manuscript Reviewer

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## **COMMITTEES**

University of Illinois, College of Medicine  
Alumni Admissions Committee

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## **CONSULTANT**

National Peer Review Corporation  
Anatomical Chart Company  
Council of Healthcare Advisors

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## **PROFESSIONAL AFFILIATIONS**

American Medical Association  
Illinois State Medical Society  
Sofield Orthopaedic Association  
Chicago Medical Society  
Academy of Medicine, Toronto  
North American Spine Society  
Mid- America Orthopaedic Association  
Southern Orthopaedic Association  
Illinois Orthopaedic Society  
The College of Physicians and Surgeons of Ontario  
International College of Surgeons  
Fellow, American College of Surgeons  
Orthopaedic Research Society  
American Academy of Orthopaedic Surgeons  
American Association of Orthopaedic Foot & Ankle Surgeons  
Spine Arthroplasty Society  
American College of Physician Executives  
Midwest Orthopaedic Network - Chairman

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## **PUBLICATIONS**

- Gleason, T.F., Prinz, R.A., Kirsch, E.P., Jablolkow, 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.

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.

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## 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 Hemophilic." Presented at the Symposium on the Management of Hemophilic 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." To be exhibited at the 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, California, March 10-14, 2004.

"Acetabular Revision for Hip Dislocation." To be exhibited at the 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, California, March 10-14, 2004.

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## **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, 9184.

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.

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## **PAPERS SUBMITTED AND UNDER PREPARATION**

Gleason, T.F. and Miller, E.A.: Osteogenesis Imperfecta Hyperplastic Callous Formation. Submitted for publication to the Journal of Bone and Joint Surgery.

Hall, R. and Gleason, T.F.: An Unusual Cause for Locking Index Fingers: A Case Report. Submitted for publication to the Journal of Hand Surgery.

Kostuik, J.P., Gleason, T.F., and Errico, T.J.: Surgical Management in Adult Scheuermann's Kyphosis. In preparation for submission for publication.

Kostuik, J.P., Gleason, T.F., and Errico, T.J.: Correction of Iatrogenic Lumbar Kyphosis "Flat Back Syndrome." In preparation for submission for publication.

Kostuik, J.P., Gleason, T.F. and Errico, T.J.: Triplegia After Posterior Spinal Segmental Instrumentation: A Case Report. In preparation for submission for publication.

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## **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."

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## **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.