



PROFESSIONAL BIOGRAPHY

GERALD D. HAYKEN, M.D., F.A.A.O.S.
Orthopaedic Surgeon
Forensic Orthopaedic Specialist

Independent Medical Evaluation Location:

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EDUCATION:

Medical School:

Temple University School of Medicine
Philadelphia, PA
M.D. Degree 1976

Surgical Internship:

Hospital of the University of Pennsylvania
Philadelphia, PA
1976-1977

Orthopedic Surgery Residency:

Hospital of the University of Pennsylvania
Dept. of Orthopedic Surgery
Philadelphia, PA
1977-1981

Honors:

Chief Resident, Orthopedic Surgery
Hospital of the University of Pennsylvania and
Affiliated Hospitals, Philadelphia, PA
1980-1981

Faculty Appointment:

University of Pennsylvania
Assistant Instructor of Orthopedic Surgery, 1977-1981

BOARD CERTIFICATIONS AND FELLOWSHIPS:

- Diplomate, American Board of Orthopaedic Surgeons, 1983
- Fellow, American Academy of Orthopaedic Surgeons, 1985-present
- Fellow, American Association of Hip and Knee Surgeons

POSITIONS HELD:

- Burlington County Orthopaedic Specialists P.A, 1981-present
- Virtua Memorial Hospital of Burlington County, NJ, 1981-Present
- Chair, Dept. of Orthopaedic Surgery, Virtua Memorial Hospital, 1990-2015
- Asst. Chair, Dept of Orthopaedic Surgery, Virtua Memorial Hospital, 1985-1990
- Chair, Surgical Services, Virtua Memorial Hospital, 1991-1994
- Member Medical Executive Committee, Virtua Memorial Hospital, 1990-2015
- Co-Director, Fracture Center at Memorial, 2008-Present
- Lourdes Medical Center of Burlington County, 2008-Present
- Zurbrugg Memorial Hospital, 1981-1995
- Mount Holly Center (Geriatric and Sub-Acute Rehab), 1981-Present

POSITIONS HELD (Continued.....):

- Medical Advisor, Liberty Mutual Insurance Company, Boston, MA, 1994-1996
- Treasurer and Member, Board of Directors, South Jersey Bone & Joint Surgeons Inc., 1994-1995
- Member, Board of Directors, Orthopedic Network Inc, White Plains, NY, 1995-1998

CONTINUING MEDICAL EDUCATION:

Participated in Continuing Medical Education beyond regulatory requirements

PUBLICATIONS:

- J.S. Torg, M.D., T. Quedenfeld, S. Landau, M.D. The Shoe Surface Interface: Supplemental Determinations. The Journal of Sportsmedicine, Vol. 11, No. 5, 1974. Due to editorial error, my name was not listed as an author. A correction and an apology were subsequently published by the journal.
- G. D. Hayken, M.D., M.E. Steinberg, M.D., H.R. Schumacher, Jr., M.D., Effects of Joint Immobilization on Antigen Induced Arthritis. Surgical Forum Vol. XXX, 1979.
- M.E. Steinberg, M.D., G. D. Hayken, M.D., H.R. Schumacher, Jr., M.D. The Effect of Joint Immobilization on Antigen Induced Arthritis. Transactions of the 25th Annual Meeting of the Orthopaedic Research Society, Vol. 4, February 1979, p.281.
- G.D. Hayken, M.D., A.O. Osterman, M.D., F.W. Bora, M.D. A Quantitative Evaluation of Thumb Function After Ulnar Collateral Ligament Repair and Reconstruction. Proceeds of the Fortieth Annual Meeting of the American Society for the Surgery of Trauma. September 1980, p. 50.
- G. D. Hayken, M.D., R.M. Glazer, M.D. Retraction of a Sliding Compression Screw After Hip Fracture Healing. Orthopaedic Review, Vol. X, No. 2, Feb. 1981, pp. 117-120.
- A.L. Osterman, M.D., G.D. Hayken, M.D., F.W. Bora, M.D., A Quantitative Evaluation of Thumb Function After Ulnar Collateral Ligament Repair and Reconstruction. Journal of Trauma, Vol. 21, No. 10, October 1981, pp. 854-861.
- A.L. Osterman, M.D., G.D. Hayken, M.D., F.W. Bora, M.D. Gamekeepers Thumb: After Repair and Reconstruction. Orthopaedic Capsule and Comment, Ed. by D.A. Nagel, M.D. and D.S. Burton, M.D., Vol. 4, No. 1, January 1982, p.1.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D. R. Steinberg, M.D. Necrosis Avascular Postraumatica de la Cabeza Femoral. II Metodologia Terapeutica. Traumatismos Articulares Del Miembro Inferior, Chapter 13. Ed. by Cadera, Rodilla, Tobilla. Fundacion MAPFRE Madrid, Spain, 1982.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., Necrosis Avascular Postraumatica de la Cabeza Femoral. 1. Evaluacion, Traumatismos Articulares del Miembro Inferior, Chapter 16. Ed. by Cadera, Rodilla, Tobilla. Fundacion MAPFRE Madrid, Spain, 1982.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D., The "Conservative" Management of Avascular Necrosis of the Femoral Head. Bone Circulation, Chapter 54, Ed. by J. Arlet, R.P. Ficat, D. S. Hungerford, M.D. Williams and Wilkins, Baltimore, Md., 1984, pp. 334-337.
- M.E. Steinberg, M.D., C.T. Brighton, M.D., Ph.D., G.D. Hayken, M.D., S.E. Tooze, M.D., D. R. Steinberg, M.D., Treatment of Avascular Necrosis of the Femoral Head with Electrical Stimulation: A Preliminary Report. Bone Circulation, Chapter 55, Ed. by J. Arlet, R.P. Ficat, D.S. Hungerford, M.D. Williams and Wilkins, Baltimore, Md., 1984, pp. 338-342.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D., A New Method for the Evaluation and Staging of Avascular Necrosis of the Femoral Head. Bone Circulation, Chapter 65, Ed. by J. Arlet, R.P. Ficat, D.S. Hungerford, M.D. Williams and Wilkins, Baltimore, Md., 1984, pp. 398-403.
- M.E. Steinberg, M.D., C.T. Brighton, M.D., Ph.D., G. D. Hayken, M.D., S.E. Tooze, M.D., D. R. Steinberg, M.D., Early Results in the Treatment of Avascular Necrosis of the Femoral Head with Electrical Stimulation. Orthopedic Clinics of North America, Vol. 15, No. 1., January 1984, pp. 163-175.

PUBLICATIONS (Continued.....):

- M.E. Steinberg, M.D., C.T. Brighton, M.D., Ph.D., G.D. Hayken, M.D., S.E. Tooze, M.D., D.R. Steinberg, M.D., Electrical Stimulation in the Treatment of Avascular Necrosis of the Femoral Head - a One Year Follow-up. Orthopedic Clinics of North America, Vol. 16, No. 4, October 1985, pp. 747 - 756.
- G.D. Hayken, M.D., Non - Traumatic Avascular Necrosis of The Hip: An Update. The Burlington County Medical Society Newsletter, Vol. 32, No. 3 , Nov. 1986, pp. 2, 6, 9.
- M.E. Steinberg, M.D., C.T. Brighton, M.D., Ph. D., A. Corces, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D., B. Stafford, M.D., S.E. Tooze, M.D., M. Fallon, M.D., Osteonecrosis of the Femoral Head - Results of Decompression and Grafting with and without Electrical Stimulation. Clinical Orthopaedics and Related Research, Vol. 249, Dec. 1989, pp. 199 - 208.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D., A Quantitative System for Staging Avascular Necrosis. The Journal Of Bone and Joint Surgery, Vol 77 - B, January 1995, pp. 34 - 41.
- M. E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D., Classification and Treatment of Avascular Necrosis of the Femoral Head, Orthopedic Special Edition, Vol. 1, No. 1, July 1995, pp. 16 - 19.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D., Sistemas Cuantitativo Para La Clasificacion De La Necrosis Avascular.Cadera, Vol. 2, No. 2, May - Sept, 1995,pp.135 - 144.
- G.D. Hayken, M.D., Low Back Injuries: Recognizing Factors That Will Result in Appropriate Treatment and Cost Containment. Workman's Comp Update 1997, Council on Education in Management, Oct. 20, 1997, pp. E-1 to E-13.
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D. Classification and Staging of Osteonecrosis, Chapter 38, Osteonecrosis, Etiology, Diagnosis and Treatment. Edited by James R. Urbaniak, M.D. and John Paul Jones Jr., M.D. American Academy of Orthopaedic Surgeons, 1997, pp.277 to 284 .
- M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, M.D. Early Diagnosis, Evaluation, and Staging of Avascular Necrosis of The Hip. Seminars in Arthroplasty, Vol. 9, No. 3 (July), 1998: pp. 203 - 212.

PRESENTATIONS:

- Effects of Joint Immobilization on Antigen Induced Arthritis. Surgical Forum of the American College of Surgeons at the Annual Meeting, Chicago, Ill., October 1979.
- Clinical Implications of Joint Immobilization in Experimental Arthritis. Semi - Annual Meeting of the Pennsylvania Orthopaedic Society, Hershey, Pa., May, 1979.
- A Quantitative Evaluation of Thumb Function After Ulnar Collateral Ligament Repair and Reconstruction. G.D. Hayken, M.D., A.L. Osterman, M.D., F.W. Bora, Jr., M.D. The Fortieth Annual Meeting of the American Association for the Surgery of Trauma. September 18 -20, 1980, Phoenix, Arizona.
- Retraction of a Compression Hip Screw After Fracture Healing: A Case Report. G.D. Hayken, M.D., R.M. Glazer, M.D. Annual Alumni Meeting of the Department of Orthopaedic Surgery of The University of Pennsylvania, Philadelphia, Pa., May 2, 1980.
- Preservation of the Femoral Head in Avascular Necrosis. G.D. Hayken, M.D., M.E. Steinberg, M.D. Pennsylvania Orthopaedic Society, Bermuda, March, 1981.
- Post Traumatic Avascular Necrosis of the Femoral Head: Management. M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, B.A. Eighth International Symposium of Orthopaedics and Traumatology, Madrid, Spain, October 1981.
- Post Traumatic Avascular Necrosis of the Femoral Head: Evaluation. M.E. Steinberg, M.D., G.D. Hayken, M.D. Eighth International Symposium of Orthopaedics and Traumatology, Madrid , Spain, October, 1981.
- Evaluation and Management of Avascular Necrosis of the Femoral Head. M.E. Steinberg, M.D., S. E. Tooze, M.D., G.D. Hayken, M.D., C. T. Brighton, M.D., Ph.D. Annual Alumni Meeting of the Department of Orthopaedic Surgery of The University Of Pennsylvania, Philadelphia, Pa., May 1, 1982.

PRESENTATIONS (Continued.....):

- Treatment of Avascular Necrosis of the Femoral Head With Direct Current: A Preliminary Report. M.E. Steinberg, M.D., C.T. Brighton, M.D. Ph.D., G. D. Hayken, M.D., D.R. Steinberg, B.A. Second Annual Meeting of the Bioelectric Repair and Growth Society, Oxford, England, September, 1982.
- A New Method for Evaluation and Staging of Avascular Necrosis of the Femoral Head.
- M.E. Steinberg, M.D., G.D. Hayken, M.D. Third International Symposium on the Circulation in Bone, Toulouse, France, September 23 - 25, 1982.
- The "Conservative " Management of Avascular Necrosis of the Femoral Head. M.E. Steinberg, M.D., G.D. Hayken, M.D., D. A. Steinberg, B.A. Third International Symposium on the Circulation in Bone, Toulouse, France, September 23 - 25, 1982.
- Treatment of Avascular Necrosis of the Femoral Head With Electrical Stimulation: A Preliminary Report. M.E. Steinberg, M.D., C.T. Brighton, M.D., Ph. D., G.D. Hayken, M.D., S.E. Tooze, M.D., D.R. Steinberg, B.A. Third International Symposium on the Circulation in Bone, Toulouse, France, September 23 - 25, 1982.
- Electrical Stimulation for the Treatment of Avascular Necrosis of the Femoral Head. M.E. Steinberg, M.D. C.T. Brighton, M.D., Ph. D., G.D. Hayken, M.D., S.E. Tooze, M.D., D.R. Steinberg, B.A. Fall Meeting of The Pennsylvania Orthopaedic Society, Pittsburgh, Pa., November 12, 1982.
- Early Results in the Treatment of Avascular Necrosis of the Femoral Head with Electrical Stimulation. M.E. Steinberg, M.D., C.T. Brighton, M.D., Ph.D., G.D. Hayken, M.D., S.E. Tooze, M.D., D. R. Steinberg, B.A. American Orthopaedic Association Meeting, Hot Springs, Virginia, June 28, 1983.
- A New Method for Evaluation and Staging Avascular Necrosis of the Femoral Head. M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, B.A. Exhibit at the 51st Annual Meeting of the American Academy of Orthopaedic Surgeons, Atlanta, Georgia, February, 1984.
- A New Method for Evaluation and Staging Avascular Necrosis of the Femoral Head. M.E. Steinberg, M.D., G.D. Hayken, M.D., D.R. Steinberg, B.A. SICOT, London, England, September 30 to October 5, 1984.
- Results of Core Decompression and Grafting, With and Without Electrical Stimulation. M.E. Steinberg, M.D., C. T. Brighton, M.D., Ph.D., A. Corces, M.D., G.D. Hayken, M.D., D. R. Steinberg, M.D., B. Stafford, M.D., S.E. Tooze, M.D., M. Fallon, M.D. Annual Meeting of the Hip Society, Las Vegas, Nevada, February, 1989.
- Low Back Injuries: Recognizing Factors That Will Result in Appropriate Treatment and Cost Containment. G.D. Hayken, M.D. New Jersey Workman's Comp Update 1997,

SOCIETIES AND LISTINGS:

- Burlington County Medical Society
- New Jersey State Medical Society
- New Jersey State Orthopaedic Society
- American Academy of Orthopaedic Surgeons
- Philadelphia Orthopaedic Society
- American Association of Hip and Knee Surgeons

MEDICAL LICENSURE: New Jersey Pennsylvania

HOSPITAL AFFILIATIONS:

- *Virtua Memorial Hospital of Burlington County, NJ -1981-Present*
- *Lourdes Medical Center of Burlington County, NJ, 2008-Present*
- *Mount Holly Center (Geriatric and Sub-Acute Rehab), NJ -1981-Present*

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