



Richard A. Hynes, M.D., F.A.C.S.
Curriculum Vitae

Medical Licensure Florida Medical License since 1992

Board Certification Diplomate, American Board of Orthopaedic Surgery
Diplomate, American Board of Spine Surgeons

Education

08/1989 - 07/1990 Harvard University, Beth Israel Hospital, Departments of Orthopaedics and Neurosurgery, Boston Massachusetts
Fellowship Spine Surgery

07/1985 - 06/1989 Tripler Army Medical Center, University of Hawaii, Honolulu, Hawaii Orthopaedic Residency

07/1983 - 06/1984 Tripler Army Medical Center
General Surgery Internship

08/1979 - 05/1983 Rutgers Medical School, University of Medicine and Dentistry, Piscataway, New Jersey, Robert Wood Johnson School of Medicine
M.D. Degree

08/1976 - 05/1978 The American University, Washington, D.C.
Degree: M.S. (Biology), Major: (Physiology)

08/1971 - 05/1975 Rutgers – The State University
Camden, New Jersey
Degree: B.A. (Biology), (Philosophy)

Experience

- 11/1992 - Present Spine Surgeon, The B.A.C.K. Center, Melbourne, Florida
- 12/1991 - 11/1992 Eisenhower Army Medical Center, Orthopaedic Service, Fort Gordon, Georgia, Chief, Spine Service
- 07/1990 - 12/1991 Letterman Medical Center, Department of Orthopaedic Surgery, San Francisco, California, Chief, Spine Service, Assistant Chief, Orthopaedics

Positions Held

- 2010 - Present Immediate Past President, Holmes Regional Medical Center Medical Staff
- 2008 - 2010 President, Holmes Regional Medical Center Medical Staff.
- 1996 - Present President, Brevard Orthopaedic Spine and Pain Clinic, Inc. dba The B.A.C.K. Center
- 1997 - 1999 Chief of the Department of Surgery, Holmes Regional Medical Center, Melbourne, Florida
- 1997 - 1999 Chief and Founding Member of the Department of Orthopaedic Surgery, Holmes Regional Medical Center, Melbourne, Florida

Clinical Appointments

- 2010 Assistant Professor, College of Medicine, University of Central Florida
- 2007 University Research Professor, College of Engineering, Florida Institute of Technology
- 2000 Co-Clinical Assistant Professor, University of Florida
- 1990 Uniformed Services University of the Health Sciences, F. Edward Heber School of Medicine, Bethesda, Maryland, Adjunct Assistant Professor of Surgery
- 1989 - 1990 Instructor Orthopaedic Surgery, Harvard University

Brevard Orthopaedic Spine & Pain Clinic Inc. dba The B.A.C.K. Center, 2222 South Harbor City Boulevard, Ste 610, Melbourne, Florida 32901, Office Phone 321-723-7716, Office Fax 321- 723-0604, e-mail www.thebackcenter.net

Professional Organizations

Diplomate	American Board of Orthopaedic Surgery
Diplomate	American Board of Spine Surgeons
Fellow	American College of Spine Surgeons
Fellow	The American Academy of Orthopaedic Surgeons
Fellow	American College of Surgeons
Diplomate	National Board of Examinees
Diplomate	North American Spine Society
Member	Scoliosis Research Society
Member	Spine Arthroplasty Society
Member	Society of Military Orthopaedic Surgeons
Member	American Medical Association

Publications

Fung, Daniel A., Davis, Timothy T., **Hynes, Richard A.**, Spann, Scott W., Mac Millan, Michael, Kwon, Brian, Liu, John C., Acosta Jr., Frank L., Drochner, Tom, "Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: An Anatomic Study." NASS Summer Meeting in Naples, Florida, July 31-August 3, 2013

Davis, T.T., **Hynes, R.A.**, Spann, S.W., MacMillan, M., Kwon, B., Liu, J., Acosta, F., Drocher, T.E., "Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: an Anatomic Study", ABSTRACT NO: 10-A-119-SMISS Digital Poster Category for the 2012 Annual Meeting in Miami, Florida, September 21-23, 2012

Santoni, B.G., **Hynes, R.A.**, McGilvray, K.C., Rodriguez-Canessa, G., Lyons, A.S. Henson, M.A.W., Womack, W.J., Puttlitz, C.M. "Cortical Bone Trajectory for Lumbar Pedicle Screws", The Spine Journal, Volume 9, Issue 5, 366-373, May 2009

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Hynes, R.A., Santoni, B.G., Henson, MA.W., Puttlitz, C.P., “Dense Bone Engagement in Osteoporotic Vertebra Using a Novel Pedicle Screw Trajectory Results in enhanced Fixation”, ABSTRACT NO: 374 Digital Poster category for the 2008 Annual Meeting in Orlando, Florida, February 27 - March 1, 2008

Hynes, R.A., “Complications of the Lumbar Anterior Surgical Approach for Artificial Disk Replacement of the Lumbar Spine”, The Spine Journal, 5 (2005) IS-189S

Hynes, R.A., Gabriel, W.C., “Percutaneous Tendo Achilles Repair; A Long Term Follow-Up Study”, Journal of Orthopaedic Techniques, Vol. #2, 99-105, June 1993

White, A.A., III Bernhardt, M., **Hynes, R.A.**, “Cervical Spondylitic Myelopathy”, Journal of Bone and Joint Surgery, Current Concepts Review, Vol. 75, #1, 119-129, January 1993

Hynes, R.A., McCarthy, Bernhardt, M., White, A.A., III, “Radiologic Versus Pedicle Screw Placement Techniques”, Orthopaedic Transactions, Vol. 15, #2, 353, 1990

Hynes, R.A., Gabriel, M.A., “Percutaneous Tendo Achilles Repair; A Ten Year Review”, Orthopaedic Transactions, Vol 13, #1, 173, 1989

Hynes, R.A., Jones, D., “Primary Idiopathic Scoliosis”, Orthopaedic Transactions, Vol 12, #1, 1988

Hynes, R.A., Romash, M., “Bilateral Symmetrical Synchondrosis of Navicular First Cuneiform Joint Presenting as a Lytic lesion”. Foot and Ankle 8, (3), 164-168, 1987

Swabb, E.A., **Hynes, R.A.**, Marnane, W.G., McNeil, J.S., Decker, R.A., Tai, Y.I., Donowitz, M., “Intestinal Filtration-Secretion Due to Increased Intraluminal Pressure in Rabbits”. American Journal of Physiology, 242, G65-G75, 1982

Swabb, E.A., **Hynes, R.A.**, Donowitz, M., “Elevated Intraluminal Pressure Alters Rabbit Small Intestinal Transport in Vivo”. American Journal of Physiology, 242, G58-64, 1982

Donowitz, M., Mathias, Formal, S., **Hynes, R.A.**, Collins, H’, “Ileal Secretion Causes Choleresis in the Rabbit, A New Contributor to Diarrhea”. Gastroenterology, 86, 1221, 1979

Donowitz, M., Charney, R., **Hynes, R.A.**, Formal S., Collins, H, “Significance of Abnormal Rabbit Heat Histology in the Pathogenesis of Diarrhea”, Infectious Immunology, 26, (1), 380-386, 1979

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Donowitz, M. Wickline, W. Reynolds, D., **Hynes, R.A.**, Charney, A., Zinner, M., "Effect of Altered Intestinal Water Transport on Rabbit Ileal Blood Flow", American Journal of Physiology, 236 (4), E482-E487, 1979

Donowitz, M., Charney, A., **Hynes, R.A.**, "Propranolol Prevention of Cholera Enterotoxin-Induced Intestinal Secretion in the Rat", Gastroenterology, 76, 482-491, 1979

Swabb, E., **Hynes, R.A.**, W., Donowitz, M., "Ileal Secretion of Water and Electrolytes Induced by Acute Elevation of Intralaminar Hydrostatic Pressure", Gastroenterology, 74, 1100, 1978

Presentations

Aging Spine Conference, Chicago, February 2007, "Surgical Management of Vertebral Compression Fracture"

"Complications of the Lumbar Anterior Surgical Approach for Artificial Disk Replacement of the Lumbar Spine", presented at the NASS, North American Spine Society Meeting, Philadelphia, October 2005

"Non-Iliac Autogenous Graft Use in Anterior Cervical Fusion", presented at Cervical Research Society, December 5-7, 2002

"Medialized Pedicle Screw Technique Poster", presented at Scoliosis Research Society, September 19-22, 2001

"Laparoscopic Assisted Anterior Lumbar Interbody Fusion" presented at the Central Florida Chapter, Association of Operating Room Nurses, Holmes Regional Medical Center, February 21, 2001, Melbourne, Florida

"Successful Fusion of the Cervical Spine using Autograft Cornerstone Wedge" presented at the CRS, Cervical Research Society meeting 2001

"Low Back Pain and Sciatica" presented at the Harvard Medical School Department of Continuing Education, Beth Israel Deaconess Medical Center, October 12-14, 2000, Boston, Massachusetts

"Management of Low Back Pain" presented at the Orthopaedic Update, Health First Orthopaedic & Spine Institute, February 18, 2000, Melbourne, Florida

"Laparoscopic Spine Fusion" presented at Holmes Regional Medical Center, October 1996, Melbourne, Florida

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