



## MARK W. HOWARD, M.D.

American Board of Orthopaedic Surgery  
American Board of Spine Surgery  
Qualified Medical Evaluator

### *Curriculum Vitae*

- Medical Licenses:** Licensed to Practice Medicine; California #G058286
- Board Certified** American Board of Orthopaedic Surgery: Part I (Written) Examination Passed July, 1990; Part II (Oral) Examination Passed July 9, 1993; Re-certified Examination Passed January 1, 2004.
- Subspecialty Certified** American Board of Spine Surgery: Examination Passed October 20, 1999.
- QME** State of California Qualified Medical Evaluator (QME): Examination Passed on March 23, 1996.
- College** A.B. in Physiology – University of California at Berkeley, M.D.
- Medical School** **M.D. Harvard Medical School, 1985.**
- Internship** Physician Post-Graduate First Year Training in Orthopaedics, Los Angeles County Harbor – UCLA Medical Center. Torrance, California 1986-1990.
- Residency** Orthopaedic Residency Training in the Division of Orthopaedics, Los Angeles County Harbor – UCLA Medical Center. Torrance, California 1986-1990.
- Fellowship** Orthopaedic Spine Surgery Fellowship, Assistant Clinical Professor of Orthopaedic Surgery, UCLA Medical Center, Westwood, California, August 1990 – July 1991  
Faculty: Edgar G. Dawson, M.D.
- Scholarships & Awards**
- Fellow of the American Academy of Orthopaedic Surgeons, 1993
- Sofamor Danek Award for Outstanding Poster, Third Place for “The Ability of Pressure Controlled Discography to Predict Surgical and Non-Surgical Outcome.” Presented at the ISSLS Annual Meeting in Brussels, June 9<sup>th</sup> through June 13<sup>th</sup> 1998.
- Rancho Los Amigos Medical Center Faculty Travel Honorarium Award. Presented for the Research Project, “Carpal Tunnel Syndrome In Spastic Wrist Flexion Deformities.” June 1998.
- Dana M. Street Outstanding Orthopaedic Resident Research Project. Presented at the 11<sup>th</sup> Annual Harbor – UCLA Orthopaedic Education Program for “Lottes Nailing of Closed and Open Tibial Shaft Fractures.” June 1998.
- Alfred A. Richman 1985 Essay Award Winner. Presented by the American College of Chest Physicians for “The Fat Embolism Syndrome.”
- University of California at Berkley: Phi Beta Kappa; Beinecke Scholar; Regent’s Scholarship; Alumni Scholarship.
- Vintage High School, Napa, California. Valedictorian, National Football Foundation Hall of Fame, Scholar – Athlete Football Player.



## Publications

Raskin, N.H., Howard, M.W., Ehrenfeld, W.K. Headache as the Presenting Symptom of the Thoracic Outlet Syndrome. *Neurology* (Suppl. 2) 33:191, April 1983. 1983.

Howard, M.W., Zinar, D.M., Stryker, W.S. The Use of the Lottes Nail in the treatment of Closed and Open Tibial Shaft Fractures. *Orthopaedic Transactions* 13 (Number 3): P 587, 761, Fall 1989.

Raskin, N.H., Howard, M.W., Ehrenfeld, W.K. Headache as the Leading Symptom of the Thoracic Outlet Syndrome. *Headache* 25: P 208-210, June, 1985.

Orcutt, SA, Kramer, W.G., Howard, M.W., Keenan, M.E., Stone, L.R., Waters, RL., Gellman, H. Carpal Tunnel Syndrome Secondary to Wrist and Finger Flexor Spasticity. *Journal of Hand Surgery* 15A (6): P 940-944, November, 1990.

Delamarter, RB., Howard, M.W. Lumbar Spinal Stenosis (Book Chapter), Rehabilitation of the Spine; Science & Practice. Ed. Hochschuler, Cotler, Guyer. Mosby Yearbook. Chicago, 1993. P 610-628.

Deutsch, AL, Howard, M.W., Dawson, E.G., Goldstein, T.B., Mink, J.H., Zeegan, E.H., Delamarter, RB. Lumbar Spine Following Successful Surgical Discectomy: MR Imaging Features and Implications. *Spine* 15 (8): P 1054-1060, June 15, 1993.

Delamarter, RB., Howard, M.W., Goldstein, T., Deutsch, A.L., Mink, J.H., Dawson, E.G. Percutaneous Lumbar Discectomy: Pre-and Post-Operative Assessment With Surface Coil MR Imaging. *Journal of Bone and Joint Surgery* 77-A (4): P 578-584, April 1995.

Derby, R, Howard, M.W., Grant, J., Lettice, J. , Van Peteghem, P. K, Ryan, D. P. The Ability of Pressure Controlled Discography to Predict Surgical and NonSurgical Outcome. *Spine* 24 (4): P 364-372, February 15, 1999.

## Presentations

Howard, M.W. Treating Painful Spinal Conditions (Less Invasively), Main Conference Room, Community Hospital of the Monterey Peninsula; Monterey, California; October 10, 2009

Howard M. W. Spinal Surgeries in the ASC Setting; Monterey, California; September 22, 2011

Howard, M.W. Innovative Procedures for Your ASC, 2011 Annual Conference & Exhibits, Hyatt Regency Monterey Hotel; Monterey, California; September 22, 2011

Howard M.W. New Technologies and Advances in Spine Surgeries; Your Health Talk Show hosted by Morwood, D.; AMP Studies, Monterey, California; November 28, 2011.

Howard M.W. Lateral Approach Spine Surgery, Monterey Bay Spine Society, Tarp's Roadhouse, Monterey, California; September 18, 2013.

### **Professional Organizations**

American Medical Student Association, Massachusetts Medical Society, 1982-1985

American Medical Association, 1982 -1990

California Medical Association, Los Angeles County Medical Association, 1985-1991

California Orthopaedic Association, 1990 - present

Monterey County Medical Association, 1992 - present

North American Spine Society, 1993-present

Fellow of the American Academy of Orthopaedic Surgeons, 1993

### **Research & Teaching**

Howard, M.W., Zinar, D.M., Stryker, W.S. The Use of the Lottes Nail in the Treatment of Closed and Open Tibial Shaft Fractures. *Clinical Orthopaedics and Related Research*, May 1992.

Raskin, N.H., Howard, M.W., Ehrenfeld, W.K. Headaches as the Presenting Symptom of the Thoracic Outlet Syndrome. *Neurology (Suppl. 2)* 33:191 April 1983.

Howard, M.W., Zinar, D.M. Stryker, W.S. The Use of the Lottes Nail in the Treatment of Closed and Open Tibial Shaft Fractures. *Orthopaedic Transactions* 13 (Number 3): Pages 587, 761, Fall 1989.

### **ADDITIONAL SYMPOSIUM CHAIRED UPON REQUEST**