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# Dr. Elaine Date, MD, QME

Board Certified in Physical Medicine and Rehabilitation

Articulate, Board certified Physical Medicine and Rehabilitation Physician with more than 35 years of clinical expertise and 20 years of medical-legal expertise. Highly specialized in Physical Medicine and Rehabilitation and Electro-Diagnostic Medicine.

### **EDUCATION**

- Stanford University School of Medicine, Stanford, CA (1978)
  - Bachelor of Science, Biology
- Medical College of Pennsylvania, Philadelphia, PA (1982)
  - Doctor of Medicine, MD
- Stanford University/Santa Clara Valley Medical Center, Stanford, CA (1982)
  - Combined Internship/Residency Flexible/Physical Medicine & Rehabilitation
- Stanford University School of Medicine, Stanford, CA (1985)
  - Residency Physical Medicine & Rehabilitation, Chief Resident

#### **PROFESSIONAL EXPERIENCE**

- Palo Alto VA Health Care System, Director of Outpatient Rehab Medicine Services/ Electrodiagnostic Clinic, Staff Physician (1985 to 1986)
- Stanford University School of Medicine & Affiliated Hospitals, Residency Training Director, Pain Medicine & Rehabilitation (1985 to 1988)
- Palo Alto VA Health Care System, Rehab Medicine Services, Acting Chief (1986 to 1988)
- Compensated Work Therapy Program for Disabled Veterans, Medical Director (1986 to 1992)
- Palo Alto VA Health Care System, Pain Medicine & Rehabilitation Service, Chief (1988 to 2007)

- Stanford University, PM&R Residency Program, Residency Program Director (1988 to 2007)
- Palo Alto VA Health Care System, Comprehensive Rehab Center, Director (1988 to 1994)
- Stanford University, Dept. of Surgery, Section Chief, Rehabilitative Medicine (1989 to 1990)
- Stanford University, Division Head, Physical Medicine & Rehabilitation (1990 to 2007)
- Palo Alto Veterans Affairs Health Care System, Traumatic Brain Injury Unit, Dir. (1993 to 1994)
- Stanford University School of Medicine, PM&R Spine Fellowship, Director (1998 to 2000)
- VA Palo Alto Health Care System, Polytrauma Rehab Center, Medical Director (2005 to 2007)
- VA Palo Alto Health Care System, Polytrauma Transitional Rehabilitation Program, Physiatrist/ Medical Coordinator (2006 to 2008)
- Adelberg and Associates, Qualified Medical Examiner (2014 to 2017)
- EK Health, Utilization Physician Reviewer (2006 to 2018)
- ReMeDy Medical Group, Associate, Partner, Physician (2008 to present)
- San Mateo Medical Center, Chronic Pain Management Physician (2008 to present)

#### **ACADEMIC APPOINTMENTS**

- Stanford University, Dept. of Surgery, Acting Assistant Professor (1988)
- Stanford University, Dept. of Surgery, Assistant Professor (1989 to 1995)
- Stanford University, Dept. of Functional Restoration, Assistant Professor (1991 to 1995)
- Stanford University, Dept. of Functional Restoration, Associate Professor (1995 to 2002)
- Stanford University School of Medicine, Associate Professor (2002 to 2011)

#### LICENSURE AND CERTIFICATION

- American Board of Physical Medicine & Rehabilitation
- American Board of Electrodiagnostic Medicine
- National Board of Medical Examiners
- California Board Certified Medical License
- Qualified Medical Evaluator (QME)

## PROFESSIONAL MEMBERSHIPS

- American Association of Neuromuscular and Electrodiagnostic Medicine
- International Society of Injection Specialists

# **HONORS AND AWARDS**

- American Heart Association Research Fellow, Stanford University (1976)
- Graduation with Departmental Honors (Biology), Stanford University (1978)

## **RESEARCH & PUBLICATIONS**

- 1. **Date ES**. (1979). "The Role of Sterols in the Mechanism of Circadian Rhythms in Neurospora Crassa", Senior Honors Paper, Stanford University School of Medicine Archives.
- 2. **Date ES**, Ortega HR, Hall K, Rappaport M. (1988). "Somatosensory Evoked Responses to Dermatomal Stimulation in Cervical Spinal Cord Injured and Normal Subjects", *Clinical EEG*, 19(3):144-54
- 3. Cope DN, **Date ES**, Mar EY. (1988). "Serial Computerized Tomography Evaluations in Traumatic Head Injury", *Arch Phys Med Rehabil*, 69(7):483-86.
- 4. Bliwise DL, Ingham RH, **Date ES**, Dement WC. (1989). "Nerve Conduction in Aged Subjects with Periodic Leg Movements in Sleep", *J of Gerontology*, 44(5):M164-67.
- 5. **Date ES**, Rappaport M, Ortega HR. (1991). "Dermatomal Somatosensory Evoked Potentials in Brachial Plexus Injuries", *Clinical EEG*, 22(4):236-249.
- 6. Kingery WS, **Date ES**, Bocobo C. (1993). "The Absence of Brachial Plexus Injury in Stroke", *Am J PMR*, 72:127-43.
- 7. Seibel MO, **Date ES**, Zeiner H, Schwartz M: (1993). "Rehabilitation of Hallervorden-Spatz Disease", *Arch Phys Med Rehabil*, 74:328-29.
- 8. Wu PB, Baig M, Huang S, Kingery WS, **Date ES**. (1993). "Temperature Correction Factors Derived from Normal Subjects May Be Invalid in Demyelinating Neuropathies", *Am J PMR*, 74:369-71.
- 9. Sine RD, Merrill D, **Date ES**. (1994). "Epidural Recording of Nerve Conduction Studies and Surgical Findings in Radiculopathy", *Arch Phys Med Rehabil*, 75(1):17-24.

- 10. Kingery WS, Seibel M, **Date ES**, Marks MP. (1994). "The Natural Resolution of a Lumbar Spontaneous Epidural Hematoma and Associated Radiculopathy", *Spine*, 19(1):67-69.
- 11. Wu PB, Kingery WS, **Date ES**. (1995). "An EMG Case Report of Lead Neuropathy 19 Years After a Shotgun Injury", *Muscle and Nerve*, 18:326-29.
- 12. Kingery WS, Park KS, Wu PB, **Date ES**. (1995). "Electromyographic Motor Tinel's Sign in Ulnar Mononeuropathies at the Elbow", *Am J PMR*, 74:419-26.
- 13. **Date ES**, Mar EY, Bugola M, Teraoka JK. (1996). "The Prevalence of Lumbar Paraspinal Spontaneous Activity in Asymptomatic Subjects", *Muscle and Nerve*, 19:350-54.
- 14. Kingery WS, Wu PB, **Date ES**. (1996). "An Unusual Presentation of a Traumatic Ulnar Mononeuropathy with a Martin-Gruber Anastomosis", *Muscle and Nerve*, 19:920-22.
- 15. **Date ES**, Gray LA. (1996). "Electrodiagnostic Evidence for Cervical Radiculopathy and Suprascapular Neuropathy in Shoulder Pain", *EMG Clin Neurophysiol*, 36:333-39.
- 16. Galicia AR, Klima RR, **Date ES**. (1997). "Mentorship in Physical Medicine and Rehabilitation Residencies", *Am J PMR*, 76:268-75.
- 17. Wu PB, Kingery WS, Frazier ML, **Date ES**. (1997). "An Electrophysiological Demonstration of Polysegmental Innervation in the Lumbar Medial Paraspinal Muscles", *Muscle and Nerve*, 20: 113-15.
- 18. Wu PB, Robinson T, Kingery WS, **Date ES**. (1998). "Thoracodorsal Nerve Conduction Study", *Am J PMR*, 77:296-98.
- 19. Wu PB, Neff J, Kingery WS, **Date ES**. (1999). "Sensory Nerve Conduction Velocity is Inversely Related to Axonal Length", *EMG Clin Neurophysiol*, 39:61-63.
- 20. Carragee EJ, Tanner CM, Khurana S, Hayward C, Welsh J, **Date ES**, Truong T, Rossi M, Hagle C. (2000). "The Rates of False-Positive Lumbar Discography in Select Patients Without Low Back Symptoms", Spine 25:1373-80.
- 21. Amhed S, Bierley R, Sheikh JL, **Date ES**. "Post-Traumatic Amnesia After Closed Head Injury: A Review of the Literature and Some Suggestions for Further Research", *Brain Inj*, 14:765-80.
- 22. Wu PB, **Date ES**, Kingery WS. (2000). "The Lumbar Multifidus Muscle in Polysegmentally Innervated", *Electromyogr Clin Neurophysiol*, 40:483-5.
- 23. Bierley RA, Drake AL, Ahmed S, **Date ES**, Rosner M, Warden D, Salazar AM. (2001). "Biased Responding: A Case Series Demonstrating a Relationship Between Somatic Symptoms and Impaired Recognition Memory Performance for Traumatic Brain Injured Individuals", *Brain Inj*, 15:697-714.

- 24. **Date ES**, Teraoka JK, Chan J, Kingery WS. (2002) "Effects of Elbow Flexion on Radial Nerve Conduction Velocity", *Electromyograph Clin Neurophysiol*, 41:51-56.
- 25. Glassmire DM, Bierley RA, Wisniewski AM, Green RL, Kennedy JE, **Date ES**. (2003). "Using the WMS-III Faces Subtest to Detect Malingered Memory Impairment", *J Clin Exp Neuropsychol*, 25:465-82.
- 26. Kim BJ, **Date ES**, Lee SH, Lau EW, Park MK. (2004). "Unilateral All Ulnar Hand Including Sensory Without Forearm Communication", *Am J Phys Med Rehabil*, 83(7):569-73.
- 27. Fredericson M, Kim BJ, **Date ES**. (2004). "Disabling Foot Cramping in a Runner Secondary to Paramyotonia Congenita: A Case Report", *Foot Ankle Int*, 25(7):510-2.
- 28. Lew HL, **Date ES**, Pan SS, Wu P, Ware PF, Kingery WS. (2005). "Sensitivity, Specificity, and Variability of Nerve Conduction Velocity Measurements in Carpal Tunnel Syndrome", *Arch Phys Med Rehabil*, 86(1):12-6.
- 29. Kim, BJ, **Date ES**, Lee SH, Yoon JS, Hur SY, Kim SJ. (2005). "Distance Measure Error Induced by Displacement of the Ulnar Nerve When the Elbow is Flexed", *Arch Phys Med Rehabil*. 86(4):809-12.
- 30. Kim, BJ, **Date ES**, Park BK, Choi BY, Lee SH. (2005). "Physiologic Changes of Compound Muscle Action Potentials Related to Voluntary Contraction and Muscle Length in Carpal Tunnel Syndrom", *J Electromyogr Kinesiol*, 15(3):275-81
- 31. Kim BJ, **Date ES**, Derby R, Lee SH, Seo KS, Oh KJ, Kim MJ. (2005) "Electromyographic Technique for Lumbar Multifidus Examination of Previous Techniques Used to Localize the Multifidus". *Arch Phys Med Rehabil* 86(7): 1325-9.
- 32. Miyoshi Y, Teraoka JK, **Date ES**, Kim MJ, Nguyen RT, Miyoshi. (2005). "Change in Stroke Rehabilitation Outcomes After the Implementation of Long-Term Care Insurance System: A Hospital-Based Study". *Am J Phys Med Rehabil* 84 (8): 613-9.
- 33. Vanderploeg RD, Collins RC, Sigford B, **Date E**, Schwab K, Warden D; Defense and Veterans Brain Injury Center Veterans Health Administration study planning group. Practical and theoretical considerations in designing rehabilitation trials: the DVBIC cognitive-didactic versus functional-experiential treatment study experience. J Head Trauma Rehabil. 2006 Mar-Apr;21(2):179-93.
- 34. **Date ES**, Kim BJ, Yoon JS, Park BK. Cervical paraspinal spontaneous activity in asymptomatic subjects. Muscle Nerve. 2006 Sep;34(3):361-4.
- 35. Fredericson M, Kim BJ, **Date ES**, McAdams TR. Injury to the deep motor branch of the ulnar nerve during hook of hamate excision. Orthopedics. 2006 May;29(5):456-8.

- 36. Seo KS, Derby R, **Date ES**, Lee SH, Kim BJ, Lee CH. In vitro measurement of pressure differences using manometry at various injection speeds during discography. Spine J. 2007 Jan-Feb;7(1):68-73.
- 37. Lew HL, Lee EH, Castaneda A, Klima R, **Date E**. Therapeutic use of botulinum toxin type A in treating neck and upper-back pain of myofascial origin: a pilot study. Arch Phys Med Rehabil. 2008 Jan;89(1):75-80.
- 38. Derby R, Lee SH, **Date ES**, Lee JH, Lee CH. Size and aggregation of corticosteroids used for epidural injections. Pain Med. 2008 Mar;9(2):227-34.
- 39. Vanderploeg RD, Schwab K, Walker WC, Fraser JA, Sigford BJ, **Date ES**, Scott SG, Curtiss G, Salazar AM, Warden DL; Defense and Veterans Brain Injury Center Study Group. Rehabilitation of traumatic brain injury in active duty military personnel and veterans: Defense and Veterans Brain Injury Center randomized controlled trial of two rehabilitation approaches. Arch Phys Med Rehabil. 2008 Dec;89(12):2227-38.
- 40. Schulz-Heik RJ, Poole JH, Dahdah MN, Sullivan C, **Date ES**, Salerno RM, Schwab K, Harris O. Long- term outcomes after moderate-to-severe traumatic brain injury among military veterans. Successes and challenges. Brain Inj 2016: 30 (3): 271-9.
- 41. Schulz-Heik RJ, Poole JH, Dahdah MN, Sullivan C, Adamson MM, **Date ES**, Salerno R, Schwab K, Harris O. Service needs and barriers to care five or more years after moderate to severe TBI among Veterans. Brain Inj. 2017 Jun 6:1-7.