

CURRICULUM VITAE

ROBERT H. ODELL, JR., M.D., PH.D.

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CERTIFICATIONS:

Diplomat, American Board of Anesthesiology	4/83
Diplomat, American Board of Pain Medicine	3/07
Diplomat, American Board of Pain Med (recert)	1/17
Diplomat, American Academy of Pain Management	7/01
Competency Cert. in Fluoroscopy & Radiation Safety, Administered by ABIPP	7/07
Fellow of Interventional Pain Management (FIPP)	4/08

EDUCATION:

University of Pennsylvania Philadelphia, Pennsylvania B.S. E.E., A.B. (Chemistry) Summa cum laude, Class of 1946 Award	6/70
Stanford University Stanford, California M.S. E.E.	12/74
Ph. D. Biomedical Engineering	12/74
M.D.	6/76
Santa Clara Valley Medical Center San Jose, California Flexible Internship	6/76 - 6/77
University of California Los Angeles, California Orthopedic Residency	7/77 - 10/78
St. Mary's Hospital Long Beach, California Surgical Assistant to Carroll Bellis, M.D.	11/78 - 6/80
University of California & Harbor/UCLA Medical Center, Los Angeles, California & Torrance, California Resident in Anesthesiology	7/80 - 6/82
Chief Resident in Anesthesiology	1/82 - 6/82

PRACTICE EXPERIENCE:

Neurology & Pain Centers of Las Vegas Owner, Las Vegas, NV	10/2007 – present
Associated Pain Specialists, Owner, Knoxville & Johnson City, TN	11/14 – present
Independent anesthesia practice Las Vegas, NV	10/94 – present
Locum Tenens	12/05 – 9/08
Robert Bien MD Pain Prac (Anes)	12/05 – 2/06
St. Elizabeth, Red Bluff, Ca (Anes)	12/05 - 1/06
St. Mary's San Francisco (Anes)	3/06 – 7/06
Indian Wells Valley SC (Anes)	8/06
Ridgecrest, CA	
St. Mary's Amsterdam, NY	9/06
Enloe Medical Center, Chico, Ca	10/06 – 3/07
St. Elizabeth, Utica, NY	7/07 – 8/07
Summit Med Cntr, Show Low, Az	9/07 – 9/08
Arizona Back Institute` Director of Pain Management Phoenix, Az	10/06 – 10/07
Arizona Medical Spine Institute, LLC Medical Director, Partner Phoenix, Az	1/02 – 12/02
Advanced Spine & Pain Mgmt Center Medical Director, Partner Henderson & Las Vegas, NV	11/00 – 9/05
The Center for Total Back Care, LLC Medical Director, Partner Mesa, Az	1/00 – 1/02
Amador Anesthesia Medical Group Valleycare Medical Center Pleasanton, California	11/93 – 9/94
Freelance Anesthesiologist Southern & Central California	6/88 – 7/93
St. Bernardine's Medical Center San Bernardino, California Long Beach Community Hospital Long Beach, California	1/89 - 9/96 7/82 - 5/88

ACADEMIC APPOINTMENTS: Assistant Professor Anesthesia/Pain Management
Tuoro Univ Nevada
8/1/16 to present

PROFESSIONAL ASSOCIATIONS: American Society of Regional Anesthesia
American Academy of Pain Medicine
World Institute of Pain
American Assoc of Sensory Electrodiagnostic Medicine
Founding member

LICENSURE:

California (6/77)	G34242
Nevada (12/88)	5774
Arizona (9/99)	27848
Florida (2007)	ME 99099
Tennessee (2008)	MD43044
Wisconsin (2016)	66553-20

BCLS, ACLS – current (exp 10/2023)

Invited Presentations:

- 1) Four Year Follow-up of Acute and Chronic Pain Patients with Herniated, Degenerated and Bulging Discs who were Treated Conservatively with a Computer Controlled Distraction Device; Boudreau D, Odell R; Poster Presentation ASRA 9th Annual Comp Review of Pain Management 2002
- 2) Vertebral Axial Decompression for the Treatment of Persistent Low Back Pain; featured luncheon presentation given to the 17th Annual Low Back Pain Conference, Las Vegas, NV, June 28, 2003
- 3) New Horizons in Low Back Pain; dinner CME presentation to the Medical Staff of Summerlin Hospital and Medical Center, Las Vegas, NV, March 19, 2003
- 4) Vertebral Axial Decompression for the Treatment of Persistent Low Back Pain and Associated Leg Pain or Numbness; presentation given to Philippine Medical Association of Greater St. Louis Annual Spring Symposium; May 4, 2003
- 5) Vertebral Axial Decompression for the Treatment of Low Back Pain – A Worker’s Comp Perspective; featured speaker to Nevada Self Insurer’s Association Monthly meeting, Las Vegas, NV, October 17, 2003
- 6) New Horizons in Pain Management (with an emphasis on Low Back Pain); dinner CME presentation to the Medical Staff of Mountain Hospital, Las Vegas, NV, May 20, 2004
- 7) VAX-D & Pulsed RF: Two Safe & Effective Treatments for LB and Neck Pain; lunch presentation to the Medical Staff of Valley Hospital Medical Center, Las Vegas, NV, April 26, 2005
- 8) Understanding Pain Management; Senior Advantage Luncheon, Spring Valley Hospital, Las Vegas, NV August 11, 2005
- 9) Electroanalgesic Medicine: A New Frontier in the Treatment of Pain; American Society of Sensory Medicine 4th Annual Meeting, Newport Beach, Ca 10/21/06

- 11) Anti-Inflammatory Effects of Electronic Signal Therapy; Abstract Presentation to the 10th Annual ASIPP Conference, Arlington, VA, June 21-25, 2008
- 12) The Integrated Nerve Block: Electrical + Chemical; Poster Presentation to the 18th Annual International Spine Intervention Society Meeting, Las Vegas, NV, July 23 – 26, 2008
- 13) American Association of Sensory Medicine, Faculty, Newport Beach, CA, April 3-4, 2009
- 14) Faculty, Pain Week, Sept 2009. Las Vegas, NV; Presented talks entitled “The Anti-inflammatory Effect of Electronic Signal Treatment: A replacement for NSAIDs and steroids?” and “Clinical experience and results from the treatment of diabetic and idiopathic peripheral neuropathy as well as failed spine fusion syndrome, utilizing the Integrated Block and Electronic Signal Treatment.”
- 15) American Association of Sensory Electrodiagnostic Medicine 10th Annual Scientific Conference, Faculty, Newport Beach, CA, October 19-20, 2012:
 - a. “Treating Neuropathy & Spine Pain with the Combined Electrochemical Block”
 - b. “The use of Electrodiagnostic Data to Provide Objective Proof of Benefit”
 - c. “ Interpretation of pf-NCS Graphs and Reports”\
- 16) American Association of Sensory Electrodiagnostic Medicine 11th Annual Scientific Conference, Faculty, Costa Mesa, March 28-29, 2014:
 - a. The Use of Electrodiagnostic Data to Direct Care & Provide Objective Proof of Benefit
 - b. “Treating Neuropathy and Spine Pain with the Combined Electrochemical Block
- 17) E-Poster (oral) presentation: Odell R, Chaya Z. Clinical Outcomes utilizing the Combined Electrochemical Treatment for Peripheral Neuropathy: A Retrospective Study from a Western Clinic; American Society of Regional Anesthesia, San Francisco, CA; November 2014
- 18) Faculty, Pain Week, Sept 2015. Las Vegas, NV; Presented two one hour talks entitled “The Combined Electrochemical Treatment (CET): A New Method for the Treatment of Neuropathies and Neuropathic Pain”; and “Use of CET to treat Peripheral Neuropathy, Phantom Limb Pain, and Peroneal Nerve Dysfunction”
- 19) Faculty, Miami Interventional Pain Hand-on Workshop, World Institute of Pain, Jan 2017
Miami, FL
- 20) Odell, RH et al; An Electrochemical Technique to Heal Nerve and Muscle cells and Relieve Neuropathic and Nociceptive Pain; International Society for Medical Laser Applications; Las Vegas, NV, April 2018
- 21) Invited Presentation, Monthly lecture series, Touro University Nevada, “Clinical Applications of Electronic Signal Treatment and the Combined Electrochemical Treatment: A New Method for the Treatment of Neuropathies and Neuropathic Pain, September 5, 2018
- 22) (Invited) Faculty, Pain Week, Sept 2018. Las Vegas, NV; Presented “Clinical Applications of Electronic Signal Treatment and the Combined Electrochemical Treatment: A New Method for the Treatment of Neuropathies and Neuropathic Pain, September 8, 2018
- 23) Invited Presentation, Western Regional Advanced Practice Nurse’s Network: Opioids, Neuropathy treatment and Advanced Pain Management in the office setting, September 15, 2018

- 24) American Association of Sensory Electrodiagnostic Medicine 17th Annual Scientific Conference, Faculty, Philadelphia, PA, Sept 6-7, 2019:
 - a. The Use of Electrodiagnostic Data to Direct Care & Provide Objective Proof of Benefit
 - b. The Future of Energy Medicine in the Treatment of Chronic Pain: My clinic Model as an emerging worldwide standard

Publications/Conference Posters

- 1) Odell, RH, Sorgnard, RE. May HU (2006). Electroanalgesic Nerve Block: Theory & Case Reports; Practical Pain Management (2006) 11 (6): 52-68
- 2) Odell, RH, Sorgnard, RE. (2008). Anti-Inflammatory Effects of Electronic Signal Treatment. Pain Physician: 11: p.891-907.
- 3) Odell RH, Woessner JW (2008) Electric Nerve Blocks, Poster Presentation to International Spine Intervention Society (now SIS) Annual Conference, Las Vegas, July 2008
- 4) Odell RH, Sorgnard, RE (2011). "New Technique Combines Electrical Currents and Local Anesthetic for Pain Management" Practical Pain Management: June 2011, p.52-68.
- 5) Poster presentation: Cernak C, Odell R, Marriott E, Silvani B; Combination Electrochemical Therapy (CET) to treat patients with diabetic neuropathy; American Society of Regional Anesthesia 35th Annual Meeting & Workshops, Toronto, CA, April 2010
- 6) Poster presentation: Odell R, Carney P, Sorgnard R. The Combination Electrochemical Block in the Treatment of Peripheral Neuropathy: Preliminary Results; World Institute of Pain 6th World Congress, Miami, FL, February 2012
- 7) Cernak C, Odell RH, Carney PM. (2014) "Can Combined Electrochemical Treatment Have an Impact for Diabetic Peripheral Neuropathy?" Invited Editorial, Podiatry Today (July 2014): 27 (7)
- 8) Poster presentation: Odell R, Sorgnard R. Combination Electrochemical Treatment Mechanisms of Action; American Academy of Pain Management, Phoenix, AZ, September 2014
- 9) Poster Presentation: Odell R, Sorgnard R. Electronic Signal Treatment can restore peroneal function in patients with foot drop; American Society of Regional Anesthesia, Las Vegas, NV; May 2015
- 10) Odell RH, Sorgnard RE, Carney P, Milne RD. (2015) "Combined Electrochemical Treatment for Peripheral Neuropathy" Prac Pain Mgmt October 2015: 47-56.
- 11) Odell RH, Sorgnard RE, Milne R, Cary RM. Mitigating Phantom-Limb Pain with Electric Cell Signaling – A Case Report, Prac Pain Mgmt May 2015.
- 12) Cernak C, Larsen EM, Odell RH (2015): "Mitigating Some Guesswork in Treating Neuropathic Pain" Invited Editorial, Podiatry Today (Diabetes Watch); 28 (6): 16-

- 13) Odell RH, Sorgnard RE (2015), Electronic Signal Treatment Can Restore Peroneal Nerve Function in Patients with Foot Drop Poster Presentation ASRA Las Vegas May 2015
- 14) Carney PM, Odell RH et al (2015) Quantum Mechanics Regenerates Nerves Destroyed by Neuropathy, NeuPSIG Conference, Nice, FR May 2015
- 15) Odell RH, Carney P (2016) "Reclaiming the Art of Medicine: Prospective & Case Studies in the Treatment of Neuropathic and Myofascial Pain" Poster Presentation, World Institute of Pain World Congress, New York, June 2016
- 16) Cernak C, Odell RH (2016) A Paradigm Shift: Combined Electrochemical Treatment for Neuropathic and Other Refractory Pain Syndromes, PainWeek Journal 4 (3), 3rd Quarter 2016
- 17) Odell RH, Chaya Z. (2016) Clinical Outcomes Utilizing the Combined Electrochemical Treatment for Peripheral Neuropathy: A Retrospective Study from a Western Clinic. (2016) Gavin J. of Anes: Vol. 2016:1
- 18) Carney PM, Odell RH et al (2016) Successful Opioid Reduction when Treating Pain by Using Electric Cell Signaling, Midwest Pain Society Conference, Chicago, October 2016
- 19) Carney PM, Sorgnard RE, Odell RH (2017), Electric Cell Signaling of Nerves Reduces the Need for Opiates, AAPM 2017 Annual Meeting Abstracts Poster 100, Pain Medicine 2017, 18:569
- 20) Odell RH, Carney (2017), Regenerating Nerves Damaged or Destroyed by Neuropathy, AAPM 2017 Annual Meeting Abstracts Poster L106, Pain Medicine 2017. (Nerve regrowth)
- 21) Carney PM, Odell RH; Poster Presentation: Regenerating Nerve Provides Effective & Safe Relief of Neuropathic Pain at an Average of 32 Months Post Treatment; presented at World Institute of Pain Dublin Conference, May 2018