**CURRICULUM VITAE**

**ROBERT H. ODELL, JR., M.D., PH.D.
May 2022**

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Expert Website: [robertodellmdphd.com](http://robertodellmdphd.com)

**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

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**PRACTICE EXPERIENCE**:

Neuropathy & Pain Centers of Las Vegas 10/2007 – present

Owner, Las Vegas, NV

Associated Pain Specialists, 11/14 – present

Owner, Knoxville & Johnson City, TN

Independent anesthesia practice 10/94 – present

Las Vegas, NV

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` 10/06 – 10/07

Director of Pain Management

Phoenix, Az

Arizona Medical Spine Institute, LLC 1/02 – 12/02

Medical Director, Partner

Phoenix, Az

Advanced Spine & Pain Mgment Center 11/00 – 9/05

Medical Director, Partner

Henderson & Las Vegas, NV

The Center for Total Back Care, LLC 1/00 – 1/02

Medical Director, Partner

Mesa, Az

Amador Anesthesia Medical Group 11/93 – 9/94

Valleycare Medical Cente

Pleasanton, California

Freelance Anesthesiologist 6/88 – 7/93

Southern & Central California

St. Bernardine's Medical Center

San Bernardino, California 1/89 - 9/96

Long Beach Community Hospital 7/82 - 5/88

Long Beach, California

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**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

Georgia (2005) 057229

Florida (2007) ME 99099
Tennessee (2008) MD43044

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, MV, 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

1. Understanding Pain Management; Senior Advantage Luncheon, Spring Valley Hospital, Las Vegas, NV August 11, 2005
2. Electroanalgesic Medicine: A New Frontier in the Treatment of Pain; American Society of Sensory Medicine 4th Annual Meeting, Newport Beach, Ca 10/21/06
3. Electroanalgesia, 4 Hour Teaching Track presented to PainWeek, Las Vegas, NV, Sept 8, 2007

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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:

1. “Treating Neuropathy & Spine Pain with the Combined Electrochemical Block”
2. “The use of Electrodiagnostic Data to Provide Objective Proof of Benefit”
3. “ Interpretetaiton of pf-NCS Graphs and Reports”\

16) American Association of Sensory Electrodiagnostic Medicine 11th Annual Scientific Conference, Faculty, Costa Mesa, March 28-29, 2014:

1. The Use of Electrodiagnostic Data to Direct Care & Provide Objective Proof of Benefit
2. “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

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24) American Association of Sensory Electrodiagnostic Medicine 17th Annual Scientific Conference, Faculty, Philadelphia, PA, Sept 6-7, 2019:

1. The Use of Electrodiagnostic Data to Direct Care & Provide Objective Proof of Benefit
2. 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 Treatent Mechanisms of Action; American Academy of Pain Management, Phoenix, AZ, September 2014
9. Poster Presentation: Odell R, Sorgnard R. Electronic Signal Treatment can restore peronmeal 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 Mgment 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 Mgment 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): 16-19, June 2015; [www.podiatrytoday.com](http://www.podiatrytoday.com/)

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1. 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
2. Carney PM, Odell RH et al (2015) Quantum Mechanics Regenerates Nerves Destroyed by Neuropathy, NeuPSIG Conference, Nice, FR May 2015
3. 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
4. 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
5. 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
6. 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
7. 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
8. Odell RH, Carney (2017), Regenerating Nerves Damaged or Destroyed by Neuropathy, AAPM 2017 Annual Meeting Abstracts Poster L106, Pain Medicine 2017. (Nerve regrowth)
9. 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

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