California Medical Evaluators
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Dr. Olga Voroshilovsky, MD

Double Board-Certified in Cardiology and Internal Medicine

Board-certified physician with more than 10 years of clinical expertise.

Education

- **Cedars-Sinai Medical Center**, Los Angeles, CA (2007-2008)
  Cardiac Electrophysiology Fellowship
- **Cedars-Sinai Medical Center**, Los Angeles, CA (2004-2007)
  Cardiology Fellowship
- **University of California, Los Angeles**, Los Angeles, CA (2001-2004)
  Internal Medicine Residency
- **Finch University of Health Science/The Chicago Medical School**, North Chicago, IL (2001)
  Doctor of Medicine
- **Finch University of Health Science/The Chicago Medical School**, North Chicago, IL (1996)
  Master of Science, Applied Psychology
- **University of California, Los Angeles**, Los Angeles, CA (1995)
  Bachelor of Science, Psychological Science and Russian Studies

Professional Experience

- **Private Practice, Cardiology and Clinical Cardiac Electrophysiology**, Los Angeles (2008-present)
- **Cedars-Sinai Medical Center** – Attending Physician, Cardiology (2008-present)
- **Cedars-Sinai Medical Center** – Attending Physician, Internal Medicine (2004-present)

Academic Appointments

- **University of California, Los Angeles** – Clinical Instructor (2012-present)

LICENSURE AND CERTIFICATION

- State of California Medical License
- American Board of Internal Medicine
- Certification Board of Nuclear Cardiology
- National Board of Echocardiography
- American Board of Internal Medicine, Cardiovascular Disease
- American Board of Internal Medicine, Clinical Cardiac Electrophysiology

PROFESSIONAL MEMBERSHIPS

- Fellow, Heart Rhythm Society
- Fellow, American College of Cardiology
- California Medical Association
- American Medical Association
- Sarnoff Society of Fellows

HONORS AND AWARDS

- Hematology/Oncology Summer Fellowship, USC Children's Hospital (June-August 1996)
- Sarnoff Endowment for Cardiovascular Science Fellowship (1998-1999)
- Alpha Omega Alpha Honor Medical Society (2000)
- Board of Trustee's Scholarship Award, Chicago Med School for Meritorious Achievement (2001)
- American Heart Association Women in Cardiology Travel Grant (2005)
- HJC Swan Outstanding Fellow Research Award (2007)
- Sarnoff Endowment Fellowship for Cardiovascular Research (1998)

CEDAR SINAI MEDICAL CENTER ACTIVITIES

Professional:

Heart Rhythm Center of Excellence (COE) and Preventative and Consultative Cardiology Center of Excellence (COE) Member (2008-present)

Cardiology Performance Improvement Committee (PIC) Member (2010-2012)

Working Group Member for Heart Rhythm COE Patient Satisfaction Initiative (2010-2014)

HER/CS-Link Education Liaison for Hearth Rhythm COE (2012-present)

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Teaching:

Clinical Teaching through rounding and consults on the medical wards, Cardiac and CT surgery ICU's, Heart Failure/Transplant service (2008-present)

Cardiac Electrophysiology service consults/rounding and procedures with residents and fellows – (2008-present)

RESEARCH & PRESENTATIONS

Research Projects:

Design of DNA vectors encoding a viral HIV epitope that can elicit a vigorous CTL response, without infection.
Children's Hospital of Los Angeles, University of Southern California
June to July 1996

Heart rate variability in congenital heart disease.
Rene Arcilla, M.D. Director, The Heart Institute for Children, Hope Children's Hospital, Oak Lawn, IL
March to June 1997

Optical cardiac mapping of arrhythmia's Sarnoff Endowment for Cardiovascular Science Fellowship.
Peng-Sheng Chen, M.D., Cedars-Sinai Medical Center and UCLA School of Medicine, Los Angeles, CA
June 1998 to June 1999

Optical mapping of transmembrane voltage potential and calcium transients in ventricular fibrillation during ischemia.
Peng-Sheng, Chen, M.D., Cedars-Sinai Medical Center and UCLA School of Medicine, Los Angeles, CA
September 2002 to 2003

Warning signals in patients with implantable defibrillators using T-Wave Alternans.
Charles Swerdlow, Cedars-Sinai Medical Center.
October 2005 to June 2008

Better Effectiveness After Transition - Heart Failure Research Study (BEAT-HF) research participant
Cedars-Sinai Medical Center
2011 – 2013

Presentations:

Gordon D, Gulecyuz M, Barth MJ, Voroshilovsky O, Tang L, Arcilla R, Ilbawi M.

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Poster Presentation: Poincare Plot of Heart Rate Variability after Norwood Surgery in Hypoplastic Left Heart Syndrome.
World Pediatric Cardiology Conference, May 1997, Hawaii

Voroshilovsky O.
Abstract and Poster Presentation: The Restitution Hypothesis of Ventricular Fibrillation and the role of Bretylium.
Sarnoff Annual Scientific Meeting, May 1999, Washington DC

Voroshilovsky O, Lee MH, Ohara T, Hamzei A, Huang HL, Wang N, Garfinkel A, Karagueuzian HS, Chen PS, Weiss JN.
Abstract Presentation: Action Potential Duration Restitution and the Maintenance of Ventricular Fibrillation in Isolated Swine Right Ventricle: Validation of the Restitution Hypothesis.
North American Society of Pacing and Electrophysiology (NASPE) Annual Meeting, May 1999, Toronto, Canada

Voroshilovsky O, Lee MH,Ohara T, Huang HL,Swerdlow CD,Karagueuzian HS, Chen PS.
Poster Presentation: Induction by 60Hz Alternating Current in Isolated Swine Right Ventricle: Importance of Nonuniform Recovery of Excitability and the Cardiac Restitution Properties.
American Heart Association (AHA) Annual Scientific Sessions, November 1999, Atlanta, GA

Research Papers:

Peer Reviewed Manuscripts

1. Kim YH, Xie F, Yashima M, Wu TJ, Valderrabano M, Lee MH, Ohara T, Voroshilovsky O, Doshi RN, Fishbein MC, Qu Z, Garfinkel A, Weiss JN, Karagueuzian HS, Chen PS.
   Role of Papillary Muscle in the Generation and Maintenance of Reentry During Ventricular Tachycardia and Fibrillation in Isolated Swine Right Ventricle.
   Circulation, September 28, 1999, Vol. 100, pgs. 1450-1459
2. Voroshilovsky O, Qu Z, Lee MH, Ohara T, Fishbein GA, Huang HL, Swerdlow CD, Lin SF, Garfinkel A, Weiss JN, Karagueuzian HS, Chen PS.
   Mechanisms of Ventricular Fibrillation Induction by 60-Hz Alternating Current in Isolated Swine Right Ventricle.
   Circulation, September 26, 2000, Vol. 102, pgs. 1569-1574.
3. Garfinkel A, Kim YH, Voroshilovsky O, Qu Z, Kil JR, Lee MH, Karagueuzian HS, Weiss JN, Chen PS.
   Preventing Ventricular Fibrillation by Flattening Cardiac Restitution.
   PNAS, May 23, 2000, Vol. 97, no. 11, pgs. 6061-6066
4. Lee MH, Qu Z, Fishbein GA, Lamp ST, Chang EH, Ohara T, Voroshilovsky O, Kil JR, Hamzei AR, Wang NC, Lin S-F, Weiss JN, Garfinkel A, Karagueuzian HS, Chen P-S.
   Patterns of wavebreak during ventricular fibrillation in isolated swine right ventricle.
   American Journal of Physiology, 2001, Vol. 281, pgs. 253-265.

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5. Hamzei A, Ohara T, Kim YH, Lee M-H, Voroshilovski O, Lin S-F, Weiss JN, Chen P-S, Karagueuzian, K. The Role of Approximate Entropy in Prediciting Ventricular Defibrillation Threshold. Journal of Cardiovascular Pharmacology and Therapeutics, 2002, Vol. 7, No. 1, pgs. 45-52.
   Heart Rhythm Society Meeting, 2007, Denver, CO
6. Swerdlow CD, Zhou X, Voroshilovsky O, Abeyratne A, Gillberg J.
   High Amplitude T-wave alternans precedes spontaneous VT/VF in ICD electrograms. Heart Rhythm, May 2008, Vol. 5, pgs 670-676.
7. Schapira JN, Voroshilovsky O. Management of Atrial Fibrillation: Focus on Rate Versus Rhythm Control. Reviews in Cardiovascular Medicine, Vol. 11, No. 1, 2010
8. Voroshilovsky O, Schapira JN. Management of Atrial Fibrillation: Focus on Catheter-Based Ablation. Reviews in Cardiovascular Medicine, Vol. 11, No. 2, 2010

Peer Reviewed Abstract

1. Voroshilovsky O, Zhou X, Gillberg MS, Swerdlow S. High Amplitude T-wave Alternans Precedes Spontaneous VT/VT in Humans (Abstract).

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