

CURRICULUM VITAE

I. PERSONAL DATA

Name: Michael Kent, M.D., Commander, Medical Corps, US Navy
Home Address: 1715 Piccard Dr.
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Work Address: Walter Reed National Military Medical Center
Department of Anesthesiology
8901 Wisconsin Ave, Bldg 9, Floor 3
Bethesda, MD 20889
Date of Birth: 03/08/1978
Phone: 310-922-5333

II. EDUCATION

2004 M.D., UCLA School of Medicine, Westwood, CA
2000 B.S., Vanderbilt University, Nashville, TN

III. POSTGRADUATE EDUCATION (Please see Military Service to account for time gaps)

2010-2011 Fellowship (Acute Pain Medicine/Regional Anesthesia), Walter Reed Army Medical Center)
2007-2010 Anesthesiology Residency, Naval Medical Center San Diego, CA
2004-2005 Internship (Pediatrics), Naval Medical Center San Diego, CA

IV. ACADEMIC APPOINTMENTS

2015-Present Fellowship Director (Acute Pain/Regional Anesthesia), Uniformed Services University of the Health Sciences, Bethesda, MD
2014-Present Assistant Anesthesiology Residency Director, Uniformed Services University of the Health Sciences, Bethesda, MD
2013-Present Assistant Professor, Uniformed Services University of the Health Sciences, Bethesda, MD

V. MILITARY SERVICE

2011-Present Walter Reed National Military Medical Center, Bethesda, MD, Staff Anesthesiologist
2011-Present Defense and Veterans Center for Integrative Pain Management, Co-Investigator
2012 Forward Surgical Team, Role 2e Tarin Kowt Afghanistan, Staff Anesthesiologist
2010 Landstuhl Regional Medical Center (Landstuhl, Germany)
-- One month rotation in Acute Pain Medicine/Regional Anesthesia as Fellow
2008 USNS Mercy (T-AH-19)
-- One month rotation as anesthesia resident in support of medical missions to Papua New Guinea and Micronesia
2007 Marine Corps Recruit Depot, San Diego CA, Regimental Medical Officer
2005-2007 USS OGDEN (LPD5), San Diego, CA, Senior Medical Department Officer
-- Deployed to Persian Gulf (6 months) in support of Operation Iraqi Freedom

VI. CERTIFICATION AND LICENSURE

American Board of Anesthesiology	2011-2021	3586-9236
State of California	EXP MAR 2017	A93363
State of Maryland	EXP SEP 2016	D0075442
State of Virginia	EXP MAR 2016	0101255439

VII. MEMBERSHIP IN SCIENTIFIC SOCIETIES/PROFESSIONAL ORGANIZATIONS

American Society of Anesthesiologists
Uniformed Services Society of Anesthesiologists
American Academy of Pain Medicine
American Society of Regional Anesthesia

VIII. CURRENT IRB PROTOCOLS

- Treating Persistent Post-Amputation Phantom Limb Pain with Ambulatory Continuous Peripheral Nerve Blocks. Multicenter (UCSD, WRNMMC, NMCSD, Palo Alto VA, Cleveland Clinic), Funding Source: Defense Medical Research and Development Program (\$2,617,322, 2012-2016) Brian Ilfeld-UCSD (Principal Investigator), Kent- WRNMMC (Co-Investigator).
- A retrospective evaluation of ketamine use effectiveness for the treatment of battlefield related pain. Defense and Veterans Center for Integrative Pain Management, WRNMMC, Principal Investigator.

IX. CURRENT IACUC PROTOCOLS

- Potential Myotoxic and Neurotoxic Effects of Prolonged Application of Local Anesthetics Via Continuous Peripheral Nerve Block Catheters in the Swine, Defense and Veterans Center for Integrative Pain Management, Buckenmaier (Principal Investigator), Kent (Co-Investigator).

X. PENDING IRB PROTOCOLS

- Characterization of Post Operative Pain and Assessment of the Defense and Veterans Pain Rating Scale/PASTOR for Persistent Post Surgical Pain, Defense and Veterans Center for Integrative Pain Management, Primary Solicitor, Funding: \$237,991.00, Mallinckrodt Pharmaceuticals, Investigator Initiated grant provided with CRADA (pending) to Henry Jackson Foundation for the Advancement of Military Medicine. Faculty/Salary Support: NONE.
- Longitudinal DoD Acute Pain Registry utilizing EMR variables and PASTOR. Defense and Veterans Center for Integrative Pain Management, Primary Solicitor, Funding: \$1,076,441.00, Pacira Pharmaceuticals, Investigator Initiated grant provided with CRADA (pending) to Henry Jackson Foundation for the Advancement of Military Medicine. Faculty/Salary Support: NONE.
- Retrospective analysis of patients undergoing total knee arthroplasty receiving either continuous femoral nerve blockade versus single injection adductor canal blocks with liposomal bupivacaine. Defense and Veterans Center for Integrative Pain Management, Principal Investigator.
- PEP-C Psychometric Evaluation of Pain Correlates, Defense and Veterans Center for Integrative Pain Management, Principal Investigator.
- Double Blind, Randomized, Sham-Controlled Study on the Effects of NeuroStimSystem on Pain, Sleep, and Opioid Use in Pain Patients. Defense and Veterans Center for Integrative Pain Management, Principal Investigator.

XI. COMMITTEES

- 2015-2017 **Chair**, Acute Pain Medicine Shared Interest Group, American Academy of Pain Medicine, Chicago, Illinois.
- 2015 Acute Pain Data Repository Workgroup, American Academy of Pain Medicine, Chicago, Illinois.
- 2015 AAAPT Acute Pain Taxonomy Steering Committee: American Academy of Pain Medicine/American Pain Society/ Analgesic, Anesthetic, and Addiction Clinical Trial Translations Innovations Opportunities and Networks (ACTION), Chicago, Illinois.
- 2015 2016 Scientific Poster Abstract Committee, American Academy of Pain Medicine, Chicago, Illinois.
- 2015 2016 Annual Meeting Committee, American Academy of Pain Medicine, Chicago, Illinois
- 2015 Annual Meeting Committee, Navy Pain Skills Workshop.
- 2014-2015 2015 Annual Meeting Committee, American Academy of Pain Medicine, Chicago, Illinois.
- 2014-2015 2015 Annual Meeting Commercially Supported Symposia Subcommittee, American Academy of Pain Medicine, Chicago, Illinois.
- 2014 Participant, Acute Pain Medicine Status Update Committee, American Academy of Pain Medicine, Chicago, Illinois
- 2014 Annual Meeting Committee, Navy Pain Skills Workshop.
- 2013 Annual Meeting Committee, Navy Pain Skills Workshop.
- 2012-2014 Essentris (DoD Electronic Medical Record) Content Advisory Group.

XII. LECTURES/TEACHING ACTIVITIES

Professional Conferences

- 2015 *Moderator*, Acute Pain Medicine Panel, American Academy of Pain Medicine Annual Meeting, Washington, DC.
- 2015 *Invited Speaker*, Case Studies in the “Chronification” of Acute Pain, American Academy of Pain Medicine Annual Meeting, Washington, DC.
- 2015 *Instructor*, Battlefield Acupuncture Workshop, American Academy of Pain Medicine Annual Meeting, Washington, DC.
- 2014 *Moderator*, Acute Pain Medicine Panel, American Academy of Pain Medicine Annual Meeting, Phoenix, AZ.
- 2014 *Invited Speaker*, Acute Pain Medicine: State of the Art, American Academy of Pain Medicine Annual Meeting, Phoenix, AZ.
- 2013 *Invited Speaker*, Acute Pain Medicine: Systems Based Care, American Academy of Pain Medicine Annual Meeting, Ft Lauderdale, FL.
- 2010-2011 *Invited Workshop Faculty*, Regional Anesthesia Workshop, New York Post Graduate Assembly.

Regional Conferences/Institutional

- 2015 **Course Director**, Annual Acute Pain Medicine/Regional Anesthesia Course (Collaboration between University of Maryland and the Defense and Veterans Center for Integrative Pain Medicine).
- 2015 **Course Director**, Monthly WRNMMC Resident Regional Anesthesia Cadaver Workshop, Uniformed Services University of the Health Sciences, Bethesda, MD
- 2015 Grand Rounds, Paravertebral Catheters and Thoracic Surgery, NIH Department of Anesthesiology.

2015 Morning Conference, Wrong Site Blocks, WRNMMC Department of Anesthesiology.
 2015 Grand Rounds, TAP Blocks and Gynecologic Surgery, Kaiser Permanente (Northern Virginia).
 2014 Faculty, Annual University of Buffalo Regional Anesthesia Workshop.
 2014 **Course Director**, Annual Acute Pain Medicine/Regional Anesthesia Course (Collaboration between University of Maryland and the Defense and Veterans Center for Integrative Pain Medicine).
 2014 **Course Director**, Monthly WRNMMC Resident Regional Anesthesia Cadaver Workshop, Uniformed Services University of the Health Sciences, Bethesda, MD.
 2013 **Course Director**, Annual Acute Pain Medicine/Regional Anesthesia Course (Collaboration between University of Maryland and the Defense and Veterans Center for Integrative Pain Medicine).
 2013 **Course Director**, Monthly WRNMMC Resident Regional Anesthesia Cadaver Workshop, Uniformed Services University of the Health Sciences, Bethesda, MD.
 2013 MSIII Lecture, Introduction to Pain Assessments, Uniformed Services University of the Health Sciences, Bethesda, MD.
 2011-Present Annual WRNMMC Resident Regional Anesthesia/Acute Pain Academic Day, Uniformed Services University of the Health Sciences, Bethesda, MD.

XIII. EDITORIAL/JOURNAL REVIEW

2014-Present Editorial Board, *Pain Medicine* (Acute Pain and Perioperative Section)
 2010-Present Reviewer, *Pain Medicine*

XIV. HONORS AND AWARDS

Undergraduate:

2000 James G. Stahlman Memorial Award (given to top NROTC Midshipman at Vanderbilt University)
 1996 Naval Reserve Officer Training Corps Scholarship

Professional:

2015 Associate Master Clinician, Walter Reed National Military Medical Center, Bethesda, MD
 2009 Chief Resident, Department of Anesthesiology, Naval Medical Center San Diego

Medical School:

2004 Alpha Omega Alpha Honor Society

Military:

Joint Service Achievement Medal (May 2015)
 Navy and Marine Corps Commendation Medal (February 2007, July 2010, August 2011, October 2012)
 Navy and Marine Corps Achievement Medal (May 2006, February 2007)
 Afghan Campaign Medal (2012)
 Navy and Marine Corps Overseas Service Ribbon (2012)
 Iraqi Campaign Medal (May 2006)
 Global War on Terrorism Expeditionary Medal (August 2006)
 Sea Service Ribbon (May 2006)
 Surface Warfare Medical Department Officer Qualification (April 2006)

Academic:

2011 Uniformed Services Society of Anesthesiologists Research Award

XV. BIBLIOGRAPHY

Peer Reviewed Journals

*Asterisks denotes fellow/resident/mentee

1. Tighe P, **Kent M**, Buckenmaier C, Boezart A, Clark L, Carr D, Herring A, Jacobs W, Mackey S, Mariano E, Polomano R, Reisfield R. Acute Pain Medicine in the United States: A Status Report. In Press. Accepted for publication in Pain Med.
2. **Kent ML**, *Kaesberg J, Asseff D, Lujan G, Corey J, Hackworth J. A comparison between three saphenous nerve block techniques: an ultrasound guided modified vastus medialis technique, an ultrasound guided perifemoral technique, and a classic below the knee field technique. Anesth Analg. 2013 Jul;117(1):265-70.
3. Tighe P, **Kent ML**, Upp J. The Evolution and Practice of Acute Pain Medicine. Pain Med. 2013 Jan;14(1):124-44. *One of Top 10 article downloads from Pain Medicine in 2013.*
4. **Kent ML**, Upp J, Spevak C, Shannon C, Buckenmaier CC 3rd. Ultrasound Guided Peripheral Nerve Stimulator Placement in Two Soldiers with Acute Battlefield Neuropathic Pain. Anesth Analg. 2012 Apr;114(4):875-8.
5. **Kent ML**, Buckenmaier C. Battlefield regional anesthesia: Evolution and future concepts. Techniques in Regional Anesthesia and Pain Management. 2012 Oct; 16(4): 184-189.
6. **Kent ML**, Upp JJ, Buckenmaier CC 3rd. Acute pain on and off the battlefield: what we do, what we know, and future directions. International Anesthesiology Clinics. 2011 Summer, 49 (3): 10-32.

Papers Submitted

1. Polomano RC, Galloway KT, **Kent ML**, Edwards HB, Kwon K, Morales C, Buckenmaier C. Psychometric Testing of the Defense and Veterans Pain Rating Scale (DVPRS): A New Pain Scale for Military Populations. Submitted to Military Medicine.
2. B. C. Nind¹, D.L. Purvis-Jaffin, P.A. Deuster, M.N. Dretsch, S.N. Chevront, N.J. Wesensten, **M. Kent**, N.E. Grunberg, Erin S. Barry J.R. Pierce, A.J. Young, and F.G. O'Connor. Human Performance Optimization (HPO) Metrics: Consensus Findings, Gaps, and Recommendations for Future Research. Submitted to Journal of Strength and Conditioning Research

Books, Contributor of a Chapter:

*Asterisks denotes fellow/resident/mentee

1. *Matthew Pena, **Michael Kent**, Christopher J. Spevak, and Taylor Atchley (2015). Pain Medications. In Combat Anesthesia: The First 24 Hours (pp: 219-228). Fort Sam Houston, TX: Borden Institute.

2. *Michael Lee, **Michael Kent**, Charlotte Flutter, C.L. Park, and Claire Sandberg (2015). Prehospital Analgesia. In *Combat Anesthesia: The First 24 Hours* (pp: 267-274). Fort Sam Houston, TX: Borden Institute.

Books, Contributor of a Chapter (in Progress):

1. Nin O, **Kent M**, Tighe PJ : The Acute Pain Team, in Stuart-Smith K (ed): *Perioperative Medicine*. Christchurch, New Zealand. In progress.
2. **Kent M**, Buckenmaier C, Tighe P, Mariano E, Brookman J (eds): *Acute Pain Medicine*. Oxford Press. In progress.

Peer Reviewed Abstracts

*Asterisks denotes fellow/resident/mentee

1. **Kent M**, *Tracy E, *Formby P, Mack A, Grabill S, Newman P. Adductor Canal Blocks using Liposomal Bupivacaine versus Continuous Femoral Perineural Infusions for Postoperative Pain Following Total Knee Arthroplasty. Abstract/poster presentation 2015 Spring ASRA Meeting and Maryland Orthopedic Surgery Society.
2. **Kent M**, *Tracy E, *Formby P, Mack A, Grabill S, Newman P. Lumbar Plexus Catheters versus Periarticular/Wound infiltration with Liposomal Bupivacaine in Total Hip Arthroplasty. Abstract/poster presentation 2015 Spring ASRA Meeting and Maryland Orthopedic Surgery Society.
3. Bedocs P, **Kent M**, Gelfand H, Crevan R, *Longwell J, *Tracy E, Capacchione J, Buckenmaier C. Studying The Histological Effects of Prolonged Continuous Peripheral Nerve Blocks in Swine Challenges of the Model . Abstract/poster presentation 2015 Spring ASRA Meeting
4. Asseff DC, Corey J, King H, Hollenbeck K, **Kent M**, Tribble B. Pacific Partnership 2008: A Description of USNS Mercy Anesthesia Operations Supporting the Mission. Abstract and oral presentation at 19th Asia Pacific Military Medicine Conference 2009.
5. Nelson S, Gooding I, **Kent M**, Oberholzer C, Wu K. Anesthetic Management of a Parturient with Klippel-Trenaunay-Weber Syndrome and Systemic Lupus Erythematosus . Abstract and oral presentation at 24th Annual Academic Research Competition, NMCSA, April 2009. Abstract and oral Presentation at Society of Obstetric Anesthesiology and Perinatology 2009.
6. Pena MT, **Kent ML**, Norris JT, Sheridan TM. Hemodynamic Complications of Acute Perioperative Hemothorax. Abstract and Poster Presentation at American Society of Anesthesiology Annual Meeting. Oct 2008.
7. **Kent ML**, Latendresse T, Klugh A, Wanebo J. Anesthetic management of a patient with sickle cell anemia and Moyamoya disease undergoing superficial temporal artery to middle cerebral artery bypass. ASA poster presentation 2009.