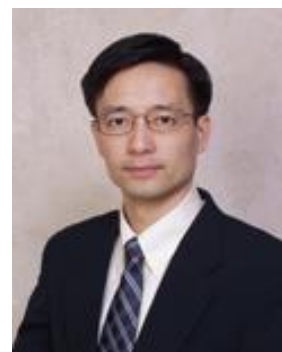


Curriculum Vitae

Name: Kewei Yu
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Education and Degree:

9/1994 – 7/1999 Ph.D.
Combined clinical residency and Ph.D. program
Thesis title: *Experimental and Clinical Study on the Diagnosis of Acute and Chronic Spinal Cord injuries by Motor Evoked Potentials Examination*
Shanghai Chang Zheng Hospital of
Second Military Medical University
Shanghai, China

9/1988 – 7/1994 M.D. (6-year M.D. Program)
Second Military Medical University
Shanghai, China

Certificates/licenses:

8/2016 Pennsylvania Physician License (MD459170, issue date 8/23/2016)

2/2016 Florida Physician License (ME 127101, issue date 2/22/2016)

4/2016 Alabama Physician License (MD35093, issue date 4/20/2016)

6/2013 Indiana Physician License (01072879A, issue date 6/27/2013)

6/2016-2/2018 Advanced cardiac life support or advanced cardiovascular life support (ACLS) and Basic Life Support (BLS), by American Heart Association

1/2011 Federation Credentials Verification Service (FCVS) certificate by Federation of State Medical Boards (Packet ID: 122831; Request ID: 22578879)

12/2007 Educational Commission for Foreign Medical Graduates (ECFMG) Certification 07059686

10/2006 Certificate of Neurophysiologic Intraoperative Monitoring (CNIM), American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET)

7/1999 Certificate of Physician qualification, Ministry of Health of China

Professional Experience:

- 10/2016 – 12/2017 Interventional pain fellowship training (End date-12/30/2017), working under the supervision of Dr. Bradley Goodman, a well-known interventional pain specialist. ALABAMA ORTHOPEDIC SPINE AND SPORTS MEDICINE ASSOCIATES, P.C
1801 Gadsden Hwy
Birmingham AL 35235
- 7/2016 – 9/2016 Neurologist working for LocumTenens.com, covering neurology locum jobs in Florida (Holms Regional Medical Center).
LocumTenens.com
2655 Northwinds Parkway
Alpharetta, GA 30009
- 7/2013 – 6/2016 Neurology Residency. Able to diagnose and treat patients with general neurological diseases, stroke and seizure disorders. Able to read EEG, EMG, VEP, TCD and intraoperative monitoring. Also include experience in chronic pain management.
Shands at the University of Florida
1600 SW Archer Rd,
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- 7/2010 – 6/2013 Anesthesiology Residency (include experience in chronic pain treatment)
Shands at the University of Florida
1600 SW Archer Rd,
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- 7/2009 – 6/2010 Prelim-IM Internship
Prince George's Hospital Center
3001 Hospital Drive
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- 9/2005 – 5/2009 Neurophysiologist working for intraoperative monitoring by using techniques such as SSEP, MEP, EMG and also read the results with physicians.
Impulse Monitoring Inc.
10420 Little Patuxent Pkwy,
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- 5/2003 – 9/2005 Associate Research Scientist
Department of Neurology,
Yale University School of Medicine
New Haven, CT 06510
- 2/2002 – 5/2003 Postdoctoral Fellow
Barrow Neurological Institute of
St. Joseph's Hospital,
Phoenix, AZ 85013
- 2/2001 – 2/2002 Orthopedic Surgeon
Orthopedic Department,
Shanghai Chang Zheng Hospital of
Second Military Medical University,
Shanghai, China

- 9/1999 – 2/2001 Orthopedic Surgeon
Orthopedic Department,
Shanghai Wu Jing General Hospital,
Shanghai, China
- 9/1994 – 7/1999 Orthopedic Resident in a Combined Residency/Ph.D. training program,
Shanghai Chang Zheng Hospital of
Second Military Medical University,
Shanghai, China

Professional IT Skills for Electronic Medical Records (EMRs) solutions

- EPIC electronic medical record system
- Sunrise Clinical Manager (SCM).
- Computerized Patient Record System (CPRS) – mostly used in VA hospitals
- Cerner Hospital and Health System

Professional Membership:

- 2013 – 2016 Fellow and resident member, American Academy of Neurology (AAN)
- 2010 – 2013 Resident member, American Society of Anesthesiologists (ASA)
- 2009 – 2010 American College of Physicians (ACP)
- 2002 – 2009 Member, Society for Neuroscience (SFN)
- 2006 – 2009 Member, American Society of Neurophysiological Monitoring (ASNM)
- 2007 – 2009 Member, American Society of Electroneurodiagnostic Technologists (ASET)
- 2004 – 2005 Member, New York Academy of Sciences
- 1999 – 2002 Member, Chinese Medical Association

Honors and Awards:

- 2001 Second Grade Prize of Science and Technology Progress of Chinese Wu Jing,
- 2000 Second Grade Prize, National Science and Technology Progress of Chinese Army,
- 1999 Award for excellent doctoral defense paper, Education Dept. of Shanghai Government,
- 1998 Li Ruiling Scholarship for Excellence, Second Military Medical University
- 1994 Excellent Student, Second Military Medical University

Scientific Publications

Original Research Articles

1. Yu K, Liu Q, Wu J, Lukas RJ. Kinetics of desensitization and recovery from desensitization for human alpha4beta2-nicotinic acetylcholine receptors stably expressed in SH-EP1 cells. *Acta Pharmacol Sin.* 2009 Jun;30(6):805-17.
2. Yu K, Kocsis JD. Schwann cells engraftment into injured peripheral nerve prevents changes in action potential properties. *J Neurophysiol* 2005, 94;1519-1527.
3. Liu Q, Yu K, Chang YC, Lukas RJ, Wu J. Agonist-induced hump current production in heterologously-expressed human alpha4beta2-nicotinic acetylcholine receptors. *Acta Pharmacol Sin.* 2008, 29(3):305-319.
4. Wu J, Liu Q, Yu KW, Hu J, Kuo YP, Segerberg M, St John PA, Lukas RJ. Roles of nicotinic acetylcholine receptor beta subunits in function of human alpha4-containing nicotinic receptors. *J Physiol* 2006, 576(Pt 1):103-18.
5. Yu K, Rong W, Li J, Jia L, Yuan W, Yie X, Shi Z. Neurophysiological evidence of spared upper motor conduction fibers in clinically complete spinal cord injury: incomplete SCI in rats. *Journal of Neurological Science* 2001 Aug 15, 189 (1-2): 23-36.
6. Yu K, Li J, Rong W, Jia L, Yuan W, Ye X, Shi Z, Dai B. Recording of spared motor evoked potentials and its augmentation by 4-aminopyridine in chronic spinal cord-injured rats. *Chinese Medical Journal* 2001;114(2):155-161.
7. Yu K, Li J, Jia L, Wu Y, Cui Y, Shen Y. Clinical Study on Magnetic Stimulation Motor Evoked Potentials in Cervical Spondylotic Myelopathy. *Chinese Journal of Spine and Spinal Cord* 1998;8(2):61-66.
8. Yu K, Li J, Jia L, Bao J, Yuan W, Ye T, Cui Y. The Effects of Graded Spinal Cord Injuries on the Transcranial Electric Stimulation Motor Evoked Potentials in the Rat. *Chinese Journal of Surgery* 1998;36(7):417-420.
9. Yu K, Li J, Xu L, Yang H, Tian Y, Zhao W, Jia L. A clinical study on the diagnosis of the spinal cord function after acute cervical cord injuries with electrophysiological examinations. *Chinese Journal of Spine and Spinal Cord* 2000;10(2):69-73.
10. Yu K, Li J, Yang H, Tian Y, Zhao W, Xu L, Jia L, Shi Z. The diagnostic value of the magnetic stimulation motor evoked potentials and somatosensory evoked potentials after acute spinal cord injuries. *Chinese Journal of Orthopaedics* 2000;20(5):269-274.
11. Yu K, Li J, Yang H, Xu L, Tian Y, Hu Y. Magnetic stimulation Motor Evoked Potentials (MEP) in diagnosis of cervical intramedullary and extramedullary disorders. *Medical Journal of the Chinese People's Armed Police Forces* 2000;11(7):387-390.
12. Yu K, Li J, Xu L, Yang H, Tian Y, Zhao W, Hu Y. Motor evoked potentials from transcranial magnetic or electric stimulation for monitoring of rat spinal cord function. *Medical Journal of the Chinese People's Armed Police Forces* 2000;11(10):579-583.
13. Yu K, Li J, Jia L, Yuan W, Bao J, Ye X, Dai B, Xie N. The effect of chronic cervical cord disorders on the motor evoked potentials elicited by transcranial magnetic stimulation. *Academic Journal of Second Military Medical University* 2000;21(7):629-632.
14. Yu K, Ye X, Feng H, Qu S, Li J, Lu C. Neurophysiological study on intraspinal implantation of genetically modified myoblast treating SCI in rats. *Academic Journal of Second Military Medical University* 2000;21(7):621-624.
15. Yu K, Li J, Jia L, Yuan W, Hu Y, Shi Z, Dai B, He H. Study on the amplitude and latency characteristics of motor evoked potentials elicited by transcranial magnetic or electric stimulation in rats. *Academic Journal of Second Military Medical University* 2000;21(7):625-628.
16. Yu K, Li J, Jia L, Yuan W, Ye X, Shi Z, Wu Y. Early diagnosis of cervical spondylotic myelopathy. *Journal of Chinese General Practice* 2000;2(3):20-22.
17. Yu K, Ye X, Qu S, Li J, Lu C, Jia L. Neurophysiological Study on intraspinal implantation of genetically modified myoblast with BDNF gene treating SCI in rats. *Chinese Journal of Surgery* 2001,39(9):724-727.

18. Yu K, Li J, Jia L, Yuan W, Ye X, Shi Z, Xie N. Study on the origin and conductive features of electric stimulation motor evoked potentials in the rats. *The Orthopedic journal of China* 2001,8(8):802-804.
19. Yu K, Li J, Rong W, Jia L, Ye X, He H. The changes in motor evoked potentials after spinal cord injuries and their relation to the pathological change in the rats. *Chinese Journal of Clinical Neurosurgery* 2001,6(3):170-172.
20. Yu K, Ye X, Li J, Rong W, Jia L, He H. The changes of electric stimulation motor evoked potentials after spinal cord injuries in the rats. *Chinese Journal of Application Physiology* 2002, 18(1): 14-17.
21. He H, Li J, Jia L, Ye X, Chen D, Ni B, Yuan W, Yu K. Evaluation of surgical treatment of pinching cervical spondylotic myelopathy. *The Orthopedic Journal of China* 2002, 9(6): 525-528.
22. He H, Jia L, Li J, Kong Q, Ji R, Yu K. An experimental study on function of posterior inferior lobe of cerebellum after ligation of vertebrae artery bilaterally. *Chinese Journal of Spine and Spinal Cord* 2002, 12(1):23-26.
23. He H, Jia L, Li J, Kong Q, Ji R, Yu K. Impact of ligation of vertebral artery on function of central nervous system, an experimental study. *Nat Med J China*. 2002, 82(6):418-421.
24. Ye X, Li J, Zhou J, Shi Z, Yu K, Xie N, He H. Effect of neurotrophic factors derived from schwann cell on protecting injured spinal cord. *Acad J Sec Med Univ* 1997, 18(6):549-551.
25. Ye X, Yu K, Li J, Qu S. Neural Growth Factors and Spinal Cord Injuries. *Chinese Journal of Trauma* 1997;13(3):191-193.
26. Li J, Jia L, Yuan W, Ni B, Ye X, Shi Z, Yu K. Evaluation of selective anterior surgical treatment for multisegmental cervical spondylosis. *Academic Journal of Second Military Medical University* 1997, 18(6):513-515.
27. Li M, Ye X, Yu K, Li G. Clinical Observation of Naloxone in the Treatment of Acure Spinal Cord Injury. *The Orthopedic journal of China* 1997;4(4):280-281.
28. Shi Z, Jia L, Yu K, Yuan W, Ni B, Chen X. Clinical significance of early diagnosis of cervical spondylotic myelopathy. *Chinese Journal of Surgery*1998;36(12): 717-720.
29. Shi Z, Jia L, Yu K, Yuan W, Ni B, Chen X. Index choosing and clinical significance of early diagnosis of cervical spondylotic myelopathy: A report of 84 cases of prospective study. *Chinese Journal of Spine and Spinal Cord* 1998; 8(5): 245-248.

Review Articles and Book Chapters:

1. Yu K, Ye X, Li J. Treatment of Spinal Cord Injury by Transplantation of Fetal CNS Tissues. *Chinese Journal of Experimental Surgery* 1996;13(4):255-6.
2. Yu K, Li J, Ye X. Magnetic Stimulation Motor Evoked Potentials Examination Used in Clinic of Spine Surgery. *Chinese Journal of Orthopaedics* 1998;18(1):42-45.
3. Li J, Yu K, Ye X. Fetal Central Neural Tissue and Spinal Cord Injuries. *Chinese journal of Neurosurgery* 1998;14(3):186-188.
4. Li J, Jia L, Yu K, Fang J, Shi Z, Ye X, Liu Z, He H. Modern Cervical Spine Surgery. ISBN 7-5439-1097-7/R·311, May 1997, Shanghai Science and Techology Literature Publishers, Shanghai, China. Section 22, Neuro-Vessel Deformity Related to Cervical Spine, pages 210-218.
5. Jia L, Li J, Yu K, Kong Q, Shi Z, Ye X, Xi N, He H, Yuan W. Concise Book of Cervical Spine Disorder ISBN7-81060-036-2/R·029, May 1997, Second Military Medical University Publishers, Shanghai, China. Section 3, Electrophysiological Examination, pages 41-48.
6. Jia L, Li J, Yu K, Lu S, Wang C, Li F, Ye X, Shi Z, Guo G. Cervical spine surgery. ISBN7-80661-448-6/R681.5, Dec 2001, Shanghai Yuan Dong Publisher. Section 2, Electrophysiological examination related to cervical spine disorders, pages 41-48.

Abstracts:

1. Yu K, Xu J, Xia G. Presentation: Neuropathy after Gastric Bypass Surgery: A Review of 8 Cases; the American Academy of Neurology 67th Annual Meeting (April 2015, Washington DC, USA).
2. Yu K, Ahn A. Presentation: Is there a relationship between throbbing pain and arterial pulse?; International Headache Conference (Jan 2014, Phoenix, USA).
3. Yu K, Peng YG. Case report: Preemptive insertion of pacing Swan-Ganz catheter to rescue an episode of asystole during carotid artery stenting. Poster exhibited at the 2012 American Society of Anesthesiologist Annual Meeting (Oct 2012, Washington DC, USA).
4. Yu K, Kocsis J. Na⁺ Currents and Action Potential Waveform of Medium-sized Dorsal Root Ganglia Neurons after Sciatic nerve Encapsulation. Poster exhibited at the 2005 Neuroscience Meeting (Nov 2005, Washington DC, USA).
5. Yu K, Kocsis J. Differences in Somatic Action Potential Shape in Dorsal Root Ganglia Neurons after Sciatic Nerve Axotomy with or without Terminal Regeneration. Poster exhibited at the 2004 Neuroscience Meeting (Oct 2004, San Diego, USA).
6. Yu K, Li J, Ye X. Neurophysiological evidence of spared motor conduction fibers in clinically complete spinal cord injury: incomplete SCI in rats. Invited and exhibited at the 4th International Spinal Cord Injuries Congress (Dec 1998, Paris).
7. Yu K, Li J, Jia L, Ye X, Wu Y, Cui W. Magnetic stimulation Motor Evoked Potentials in diagnosis of cervical intramedullary and extramedullary disorders. The 7th Orthopedic Academic Conference of PLA (Nov 1998, Guanzhou)
8. Yu K, Li J, Jia L, Ye X, He H. Study on the origin and conductive features of electric stimulation motor evoked potentials in the rats. The 8th Orthopedic Academic Conference of PLA (Nov 2001, Shanghai)