



The Mountain-Whisper-Light Statistics;

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CURRICULUM VITAE

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Education:

Masaryk University, Brno, Czech Republic, Bc (Bachelor degree), Mathematics, 1998
Masaryk University, Brno, Czech Republic, Mgr. (Master's degree), Mathematics and Geography, 2002
University of Washington, Seattle, MS, Biostatistics, 2004

Professional Positions:

Research Assistant, University of Washington, Seattle, 2002-2004
Research Associate, The Mountain-Whisper-Light Statistics, Seattle, 2004-present

Continuing Education:

Course "Analysis of Ordinal Categorical Data", taught by Alan Agresti and Bhramar Mukherjee, Joint Statistical Meetings 2010, Vancouver, BC, August 2010

Course "Statistical Methods for Genomewide Association Studies", taught by Jennifer Clarke and Adrian Dobra Joint Statistical Meetings 2010, Vancouver, BC, August 2010

Course "The Use of Genetic Marker Data in Clinical Trials", taught by Bruce Weir and Patrick Heagerty, 4th Seattle Symposium in Biostatistics, Seattle, WA, November 2010

Course "Tree Modeling", taught by Chris Peterson, American Statistical Association Conference on Statistical Practice, New Orleans, LA, February 2013

Course "Survey Sampling: Design, Weighting, and Analysis", taught by David Morganstein, American Statistical Association Conference on Statistical Practice, New Orleans, LA, February 2013

Course "Modern Regression for Big Data Problems", taught by Simon J. Sheather, American Statistical Association Conference on Statistical Practice, Tampa, FL, February 2014

Course "Peering into the Future: Introduction to Time Series Methods for Forecasting", taught by David A. Dickey, American Statistical Association Conference on Statistical Practice, Tampa, FL, February 2014

Course "Statistical Analysis with Missing Data", taught by Roderick Little and Trivellore Raghunathan, Joint Statistical Meetings 2015, Seattle, WA August 2015

Course “Guidelines for Using State-of-the-Art Methods to Estimate Propensity Score and Inverse Probability of Treatment Weights When Drawing Causal Inferences”, taught by Lane Burgette and Daniel F. McCaffrey, Joint Statistical Meetings 2015, Seattle, WA August 2015

Course “Network Meta-Analysis”, taught by Christopher Schmid and Thomas Trikalinos, Joint Statistical Meetings 2017, Baltimore, MD August 2017

Course “Preparing Statistician/Statistics Graduates to Be Data Scientists”, taught by Ming Li and Hui Lin, Joint Statistical Meetings 2017, Baltimore, MD August 2017

Course “Applied Bayesian Computational Methods”, taught by Abel Rodriguez and Christopher Paciork, Joint Statistical Meetings 2017, Baltimore, MD August 2017

Membership in Professional Organizations:

American Statistical Association

Areas of past and current research

| | |
|--|----------------------------|
| Anesthesiology | Neurosurgery |
| Biotechnology | Nutrition science |
| Business analytics | Oncology |
| Cardiology | Ophthalmology |
| Complementary and Alternative Medicine | Organ transplants |
| Dietary Science | Organizational research |
| Ecology | Pharmacology |
| Energy industry | Psychology – Pain research |
| Ergonomics | Psychology – Senior care |
| Fibromyalgia | Pulmonary research |
| Gastroenterology | Sports medicine |
| Genomics and proteomics | Substance abuse |
| Immunotoxicology | Surgery |
| Instrument performance and validation | Surveys |
| Litigation support | Toxicology |
| MRI Imaging | Veterinary medicine |

Statistical expertise

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| Case-control data analysis | Prediction models |
| Cluster analysis | Psychometrics – structural equation modeling and item response theory |
| Correlation analysis | Re-sampling techniques |
| Correlated data analysis, including analysis of longitudinal data | Regression analyses |
| Genomic and proteomic data analysis | Reproducibility, reliability and validity analyses |
| Hierarchical models | Spatial data analysis |
| Measurement error methods | Study design, preparation of study protocols, randomization |
| Multiple imputation techniques | Survey data analysis (simple and complex) |
| Multivariate statistics | Survival analysis |

Power calculations

Time series analysis

Skills

Study and survey design

Report and manuscript writing

Development of statistical methodology

Peer-review process

Data analysis

Management of statistical aspects of research projects

Preparation of displays and summaries

Oral and written presentation

Research collaboration

Teaching statistics and statistical computing

Computer expertise and skills

- Statistical computing software: R, Stan, Stata, SAS, S-Plus, WinBugs, SPSS, PASS
- Other computer languages: basic knowledge of C (C++) and VBA
- Collaboration and presentation software: Excel, Word, Powerpoint, R, Markdown
- Platforms: Windows, Mac OS X, Linux, Cloud (Amazon EC2, Spark)

93 research papers in refereed journals

Haas M, Bronfort G, Evans R, Schulz C, Vavrek D, Takaki L, Hanson L, Leininger B, Neradilek MB. Dose-response and efficacy of spinal manipulation for care of cervicogenic headache: a dual-center randomized controlled trial. *Spine J*. 2018 Feb 23. pii: S1529-9430(18)30077-9. doi: 10.1016/j.spinee.2018.02.019. Epub ahead of print

O'Kane JW, Neradilek M, Polissar N, Sabado L, Tencer A, Schiff MA. Risk Factors for Lower Extremity Overuse Injuries in Female Youth Soccer Players. *Orthop J Sports Med*. 2017 Oct 23;5(10)

Goff BA, Agnew K, Neradilek MB, Gray HJ, Liao JB, Urban RR. Combining a symptom index, CA125 and HE4 (triple screen) to detect ovarian cancer in women with a pelvic mass. *Gynecol Oncol*. 2017 Aug 28. pii: S0090-8258(17)31258-1.

Somerson JS, Neradilek MB, Service BC, Hsu JE, Russ SM, Matsen FA 3rd. Clinical and Radiographic Outcomes of the Ream-and-Run Procedure for Primary Glenohumeral Arthritis. *J Bone Joint Surg Am*. 2017 Aug 2;99(15):1291-1304.

Gibson K, Minjarez R, Ferris B, Neradilek M, Wise M, Stoughton J, Meissner M. Clinical presentation of women with pelvic source varicose veins in the perineum as a first step in the development of a disease-specific patient assessment tool. *J Vasc Surg Venous Lymphat Disord*. 2017 Jul;5(4):493-499.

Wu X, Yu Z, Su W, Isquith DA, Neradilek MB, Lu N, Gu F, Li H, Zhao XQ. Low levels of ApoA1 improve risk prediction of type 2 diabetes mellitus. *J Clin Lipidol*. 2017 Mar - Apr;11(2):362-368.

Li WP, Neradilek MB, Gu FS, Isquith DA, Sun ZJ, Wu X, Li HW, Zhao XQ. Pregnancy-associated plasma protein-A is a stronger predictor for adverse cardiovascular outcomes after acute coronary syndrome in type-2 diabetes mellitus. *Cardiovasc Diabetol*. 2017 Apr 5;16(1):45.

Yragui NL, Demsky CA, Hammer LB, Van Dyck S, Neradilek MB. Linking Workplace Aggression to Employee Well-Being and Work: The Moderating Role of Family-Supportive Supervisor Behaviors (FSSB). *J Bus Psychol* (2017) 32: 179. doi:10.1007/s10869-016-9443-z

Somerson JS, Neradilek MB, Hsu JE, Service BC, Gee AO, Matsen FA 3rd. Is there evidence that the outcomes of primary anatomic and reverse shoulder arthroplasty are getting better? *Int Orthop*. 2017 Mar 28. doi: 10.1007/s00264-017-3443-0.

Somayaji R, Goss CH, Khan U, Neradilek M, Neuzil KM, Ortiz JR. Cystic fibrosis pulmonary exacerbations attributable to respiratory syncytial virus and influenza: a population-based study. *Clin Infect Dis*. 2017 Mar 9. doi: 10.1093/cid/cix203.

Sun J, Zhao XQ, Balu N, Neradilek MB, Isquith DA, Yamada K, Cantón G, Crouse JR 3rd, Anderson TJ, Huston J 3rd, O'Brien K, Hippe DS, Polissar NL, Yuan C, Hatsukami TS. Carotid Plaque Lipid Content and Fibrous Cap Status Predict Systemic CV Outcomes: The MRI Substudy in AIM-HIGH. *JACC Cardiovasc Imaging*. 2017 Mar;10(3):241-249.

Elliott LS, Henderson JC, Neradilek MB, Moyer NA, Ashcraft KC, Thirumaran RK. Clinical impact of pharmacogenetic profiling with a clinical decision support tool in polypharmacy home health patients: A prospective pilot randomized controlled trial. *PLoS One*. 2017 Feb 2;12(2):e0170905.

Plant JD, Neradilek MB. Effectiveness of regionally-specific immunotherapy for the management of canine atopic dermatitis. *BMC Vet Res*. 2017 Jan 5;13(1):4

DeLong WB, Polissar NL, Neradilek MB, Laam LA. Does Early Surgical Decompression in Cauda Equina Syndrome Improve Bladder Outcome?: Comments on a Recent Study by Srikandarajah et al. *Spine (Phila Pa 1976)*. 2016 Nov 15;41(22):1772-1775.

Zhao XQ, Phan BA, Davis J, Isquith D, Dowdy AA, Boltz S, Neradilek M, Monick EA, Brockenbrough A, Hus-Frechette EE, Albers JJ, Brown BG. Mortality reduction in patients treated with long-term intensive lipid therapy: 25-year follow-up of the Familial Atherosclerosis Treatment Study-Observational Study. *J Clin Lipidol*. 2016 Sep-Oct;10(5):1091-7.

Dong C, Angus J, Scarpella F, Neradilek M. Evaluation of dermoscopy in the diagnosis of naturally occurring dermatophytosis in cats. *Vet Dermatol*. 2016 Jun 16.

Grunzweig K, Nair BG, Peterson GN, Horibe M, Neradilek MB, Newman SF, Van Norman G, Schwid HA, Hao W, Dellinger EP, Hirsch IB. Decisional practices and patterns of intraoperative glucose management in an academic medical center. *J Clin Anesth*. 2016 Aug;32:214-23.

Hanson L, Haas M, Bronfort G, Vavrek D, Schulz C, Leininger B, Evans R, Takaki L, Neradilek M. Dose-response of spinal manipulation for cervicogenic headache: study protocol for a randomized controlled trial. *Chiropr Man Therap*. 2016 Jun 8;24:23.

Lucas RM, Hsu JE, Gee AO, Neradilek MB, Matsen FA 3rd. Impaction autografting: bone-preserving, secure fixation of a standard humeral component. *J Shoulder Elbow Surg*. 2016 Jun 1. pii: S1058-2746(16)

Nair BG, Horibe M, Neradilek MB, Newman SF, Peterson GN. The Effect of Intraoperative Blood Glucose Management on Postoperative Blood Glucose Levels in Noncardiac Surgery Patients. *Anesth Analg*. 2016 Mar;122(3):893-902.

Ersek M, Neradilek MB, Herr K, Jablonski A, Polissar N, Du Pen A. Pain Management Algorithms for Implementing Best Practices in Nursing Homes: Results of a Randomized Controlled Trial. *J Am Med Dir Assoc*. 2016 Feb 17.

O'Brien KD, Hippe DS, Chen H, Neradilek MB, Probstfield JL, Peck S, Isquith DA, Canton G, Yuan C, Polissar NL, Zhao XQ, Kerwin WS. Longer duration of statin therapy is associated with decreased carotid plaque vascularity by magnetic resonance imaging. *Atherosclerosis*. 2016 Feb;245:74-81.

O'Kane JW, Tencer A, Neradilek M, Polissar N, Sabado L, Schiff MA. Is Knee Separation During a Drop Jump Associated With Lower Extremity Injury in Adolescent Female Soccer Players? *Am J Sports Med*. 2016 Feb;44(2):318-23.

O'Brien KD, Hippe DS, Chen H, Neradilek MB, Probstfield JL, Peck S, Isquith DA, Canton G, Yuan C, Polissar NL, Zhao XQ, Kerwin WS. Summary of clinical and laboratory data of study subjects with and without DCE-MRI plaque measurements in the AIM-HIGH clinical trial. *Data Brief*. 2016 Jan 2;6:476-81.

Azhar Gohar, Wei JY, Ashcraft K, Neradilek MB, Newman RL, Thirumaran RK, Moyer N, and Sass R. Differences in Medicare Quality Measures among Nursing Homes after Pharmacogenetic Testing. *J Res Development* 2016, 4:1. Published January 27, 2016

O'Kane JW, Gray KE, Levy MR, Neradilek M, Tencer AF, Polissar NL, Schiff MA. Shoe and Field Surface Risk Factors for Acute Lower Extremity Injuries Among Female Youth Soccer Players. *Clin J Sport Med*. 2015 Jul 25

Vavrek D, Haas M, Neradilek MB, Polissar N. Prediction of pain outcomes in a randomized controlled trial of dose-response of spinal manipulation for the care of chronic low back pain. *BMC Musculoskelet Disord*. 2015 Aug 19

Mischley LK, Leverenz JB, Lau RC, Polissar NL, Neradilek MB, Samii A, Standish LJ. A randomized, double-blind phase I/IIa study of intranasal glutathione in Parkinson's disease. *Mov Disord*. 2015 Jul 31.

Nair BG, Grunzweig K, Peterson GN, Horibe M, Neradilek MB, Newman SF, Van Norman G, Schwid HA, Hao W, Hirsch IB, Patchen Dellinger E. Intraoperative blood glucose management: impact of a real-time decision support system on adherence to institutional protocol. *J Clin Monit Comput*. 2015 Jun 12.

Garvin KW, Lipira L, Neradilek M, Fox A, Ali F, Pottinger PS. Attitudes regarding the safety of health care provider attire. *Am J Infect Control*. 2014 Nov;42(11):1219-22.

Ortiz JR, Neuzil KM, Cooke CR, Neradilek MB, Goss CH, Shay DK. Influenza pneumonia

surveillance among hospitalized adults may underestimate the burden of severe influenza disease. *PLoS One*. 2014 Nov 25; 9(11)

O'Kane JW, Levy MR, Neradilek M, Polissar NL, Schiff MA. Evaluation of the Zachery Lystedt Law among female youth soccer players. *Phys Sportsmed*. 2014 Sep;42(3):39-44.

Phan BA, Moore AB, Davis J, Pollan LJ, Neradilek B, Brown BG, Zhao XQ. Prolonged combination lipid therapy is associated with reduced carotid intima-media thickness: A case-control study of the 20-year Familial Atherosclerosis Treatment - Observational Study (FATS-OS). *J Clin Lipidol*. 2014 Sep-Oct;8(5):489-93.

Sun J, Zhao XQ, Balu N, Hippe DS, Hatsukami TS, Isquith DA, Yamada K, Neradilek MB, Cantón G, Xue Y, Fleg JL, Desvigne-Nickens P, Klimas MT, Padley RJ, Vassileva MT, Wyman BT, Yuan C. Carotid magnetic resonance imaging for monitoring atherosclerotic plaque progression: a multicenter reproducibility study. *Int J Cardiovasc Imaging*. 2014 Sep 13.

Ortiz JR, Neuzil KM, Shay DK, Rue TC, Neradilek MB, Zhou H, Seymour CW, Hooper LG, Cheng PY, Goss CH, Cooke CR. The Burden of Influenza-Associated Critical Illness Hospitalizations. *Crit Care Med*. 2014 Aug 21.

Chen H, Sun J, Kerwin WS, Balu N, Neradilek MB, Hippe DS, Isquith D, Xue Y, Yamada K, Peck S, Yuan C, O'Brien KD, Zhao XQ. Scan-rescan reproducibility of quantitative assessment of inflammatory carotid atherosclerotic plaque using dynamic contrast-enhanced 3T CMR in a multi-center study. *J Cardiovasc Magn Reson*. 2014 Aug 1;16(1):51

Udenberg TJ, Griffin CE, Rosenkrantz WS, Ghubash RM, Angus JC, Polissar NL, Neradilek MB. Reproducibility of a quantitative cutaneous cytological technique. *Vet Dermatol*. 2014 Jun 5

McElvany MD, McGoldrick E, Gee AO, Neradilek MB, Matsen FA 3rd. Rotator Cuff Repair: Published Evidence on Factors Associated With Repair Integrity and Clinical Outcome. *Am J Sports Med*. 2014 Apr 21.

Plant JD, Neradilek MB, Polissar NL, Fadok VA, Scott BA. Agreement between allergen-specific IgE assays and ensuing immunotherapy recommendations from four commercial laboratories in the USA. *Vet Dermatol*. 2014 Feb;25(1):15-e6.

O'Kane JW, Spieker A, Levy MR, Neradilek M, Polissar NL, Schiff MA. Concussion Among Female Middle-School Soccer Players. *JAMA Pediatrics*. 2014 Jan 20.

Haas M, Vavrek D, Neradilek MB, Polissar N. A path analysis of the effects of the doctor-patient encounter and expectancy in an open-label randomized trial of spinal manipulation for the care of low back pain. *BMC Complement Altern Med*. 2014 Jan 13; 14(1):16.

Papadonikolakis A, Neradilek MB, Matsen FA 3rd. Failure of the glenoid component in anatomic total shoulder arthroplasty: a systematic review of the English-language literature between 2006 and 2012. *J Bone Joint Surg Am*. 2013 Dec 18; 95(24):2205-12

Haas M, Vavrek D, Peterson D, Polissar N, Neradilek MB. Dose-response and efficacy of spinal manipulation for care of chronic low back pain: a randomized controlled trial. *Spine J*. 2013 Oct 16.

Matsen FA 3rd, Jette JL, Neradilek MB. Demographics of disclosure of conflicts of interest at the 2011 annual meeting of the American Academy of Orthopaedic Surgeons. *J Bone Joint Surg Am*. 2013 Mar 6;95(5):e29.

Krejsa CM, Neradilek MB, Polissar NL, Cox N, Clark D, Cowan L, Bussiere J, Lebec H. An inter-laboratory retrospective analysis of immunotoxicological endpoints in non-human primates: Flow cytometry immunophenotyping. *J Immunotoxicol*. 2013 Feb 6.

Nair BG, Peterson GN, Neradilek MB, Newman SF, Huang EY, Schwid HA. Reducing Wastage of Inhalation Anesthetics Using Real-time Decision Support to Notify of Excessive Fresh Gas Flow. *Anesthesiology*. 2013 Jan 17.

Pottinger P, Butler-Wu S, Neradilek MB, Merritt A, Bertelsen A, Jette JL, Warne WJ, Matsen FA. Prognostic Factors for Bacterial Cultures Positive for *Propionibacterium acnes* and Other Organisms in a Large Series of Revision Shoulder Arthroplasties Performed for Stiffness, Pain, or Loosening. *J Bone Joint Surg Am*. 2012 Nov 21;94(22):2075-83.

Plant JD, Gortel K, Kovalik M, Polissar NL, Neradilek MB. Development and validation of the Canine Atopic Dermatitis Lesion Index, a scale for the rapid scoring of lesion severity in canine atopic dermatitis. *Vet Dermatol*. 2012 Dec;23(6):515-e103

Ersek M, Polissar N, Du Pen A, Jablonski A, Herr K, Neradilek MB. Addressing methodological challenges in implementing the nursing home pain management algorithm randomized controlled trial. *Clin Trials*. 2012 Aug 9.

Horibe M, Nair BG, Yurina G, Neradilek MB, Rozet I. A Novel Computerized Fading Memory Algorithm for Glycemic Control in Postoperative Surgical Patients. *Anesth Analg*. 2012 Jun 5.

Neradilek MB, Polissar NL, Einstein DR, Glenny RW, Minard KR, Carson JP, Jiao X, Jacob RE, Cox TC, Postlethwait EM, Corley RA. Branch-based model for the diameters of the pulmonary airways: accounting for departures from self-consistency and registration errors. *Anat Rec (Hoboken)*. 2012 Jun;295(6):1027-44. Epub 2012 Apr 24.

Towsley G, Neradilek MB, Snow AL, Ersek M. Evaluating the Cornell scale for depression in dementia as a proxy measure in nursing home residents with and without dementia. *Aging Ment Health*. 2012 Apr 10.

Ko CW, Dominitz JA, Neradilek M, Polissar N, Green P, Kreuter W, Baldwin LM. Determination of Colonoscopy Indication From Administrative Claims Data. *Med Care*. 2012 Mar 20.

Postoperative Visual Loss Study Group. Risk factors associated with ischemic optic neuropathy after spinal fusion surgery. *Anesthesiology*. 116(1):15-24. 2012 Jan.

Zhao XQ, Dong L, Hatsukami T, Phan BA, Chu B, Moore A, Lane T, Neradilek MB, Polissar N, Monick D, Lee C, Underhill H, Yuan C. MR imaging of carotid plaque composition during lipid-lowering therapy a prospective assessment of effect and time course. *JACC Cardiovasc Imaging*. 2011 Sep;4(9):977-86.

Oelschlager BK, Pellegrini CA, Hunter JG, Brunt ML, Soper NJ, Sheppard BC, Polissar NL, Neradilek MB, Mitsumori LM, Rohrmann CA, Swanstrom LL. Biologic Prosthesis to Prevent Recurrence after Laparoscopic Paraesophageal Hernia Repair: Long-term Follow-up from a Multicenter, Prospective, Randomized Trial. *J Am Coll Surg*. 2011 Jun 28.

Lebrec H, Cowan L, Lagrou M, Krejsa C, Neradilek MB, Polissar NL, Black L, Bussiere J. An inter-laboratory retrospective analysis of immunotoxicological endpoints in non-human primates: T-cell-dependent antibody responses. *J Immunotoxicol*. 2011 Jun 21.

Dong L, Kerwin WS, Chen H, Chu B, Underhill HR, Neradilek MB, Hatsukami TS, Yuan C, Zhao XQ. Carotid Artery Atherosclerosis: Effect of Intensive Lipid Therapy on the Vasa Vasorum--Evaluation by Using Dynamic Contrast-enhanced MR Imaging. *Radiology*. 2011 Jul;260(1):224-31. Epub 2011 Apr 14.

Wiater BP, Neradilek MB, Polissar NL, Matsen FA 3rd. Risk Factors for Chondrolysis of the Glenohumeral Joint: A Study of Three Hundred and Seventy-five Shoulder Arthroscopic Procedures in the Practice of an Individual Community Surgeon. *J Bone Joint Surg Am*. 2011 Feb 25.

Nicandri GT, Slaney SL, Neradilek MB, Larson RV, Green JR, Neradilek B, Wahl CJ. Can Magnetic Resonance Imaging Predict Posterior Drawer Laxity at the Time of Surgery in Patients With Knee Dislocation or Multiple-Ligament Knee Injury? *Am J Sports Med*. 2011 Jan 21.

James DJ, Griffin CE, Polissar NL, Neradilek MB. Comparison of anal sac cytological findings and behaviour in clinically normal dogs and those affected with anal sac disease. *Vet Dermatol*. 2010 Nov 29. p. 1365-3164

Ersek M, Polissar N, Neradilek MB. Development of a Composite Pain Measure for Persons with Advanced Dementia: Exploratory Analyses in Self-Reporting Nursing Home Residents. *J Pain Symptom Manage*. 2010 Nov 19.

Holman AJ, Neradilek MB, Dryland DD, Neiman RA, Brown PB, Ettlinger RE. Patient-derived Determinants for Participation in Placebo-controlled Clinical Trials for Fibromyalgia. *Curr Pain Headache Rep*. 2010 Oct 15.

Mercer D, Saltzman MD, Neradilek MB, Gilmer BB, Warme WJ, Matsen FA 3rd. A reproducible and practical method for documenting the position of the humeral head center relative to the scapula on standardized plain radiographs. *J Shoulder Elbow Surg*. 2010 Oct 13.

Dong L, Wang J, Yarnykh VL, Underhill HR, Neradilek MB, Polissar N, Hatsukami TS, Yuan C. Efficient flow suppressed MRI improves interscan reproducibility of carotid atherosclerosis plaque burden measurements. *J Magn Reson Imaging*. 2010 Aug;32(2):452-8.

Kirby AL, Rosenkrantz WS, Ghubash RM, Neradilek B, Polissar NL. Contamination of disinfected otoscope cones in small animal practice. *Vet Rec.* 2010 Jul 10;167(2):67.

Kirby AL, Rosenkrantz WS, Ghubash RM, Neradilek B, Polissar NL. Evaluation of otoscope cone disinfection techniques and contamination level in small animal private practice. *Vet Dermatol.* 2010 Apr;21(2):175-83.

Ersek M, Herr K, Neradilek MB, Buck HG, Black B. Comparing the psychometric properties of the Checklist of Nonverbal Pain Behaviors (CNPI) and the Pain Assessment in Advanced Dementia (PAIN-AD) instruments. *Pain Med.* 2010 Mar;11(3):395-404. Epub 2010 Jan 15.

Zhao XQ, Krasuski RA, Baer J, Whitney EJ, Neradilek B, Chait A, Marcovina S, Albers JJ, Brown BG. Effects of combination lipid therapy on coronary stenosis progression and clinical cardiovascular events in coronary disease patients with metabolic syndrome: a combined analysis of the Familial Atherosclerosis Treatment Study (FATS), the HDL-Atherosclerosis Treatment Study (HATS), and the Armed Forces Regression Study (AFREGS). *Am J Cardiol.* 2009 Dec 1;104(11):1457-64.

Ota H, Yu W, Underhill HR, Oikawa M, Dong L, Zhao X, Polissar NL, Neradilek B, Gao T, Zhang Z, Yan Z, Guo M, Zhang Z, Hatsukami TS, Yuan C. Hemorrhage and large lipid-rich necrotic cores are independently associated with thin or ruptured fibrous caps: an in vivo 3T MRI study. *Arterioscler Thromb Vasc Biol.* 2009 Oct;29(10):1696-701. Epub 2009 Jul 16.

Petersson J, Rohdinc M, Sánchez-Crespod A, Nyrénf S, Jacobsson H, Larsson SA, Lindahl SGE, Linnarsson D, Neradilek B, Polissar NL, Glenny RB, Mure M: Regional lung blood flow and ventilation in upright humans studied with quantitative SPECT. *Respiratory Physiology & Neurobiology* 2009; 166; 54–60

Clinton J, Franta A, Polissar NL, Neradilek B, Mounce D, Fink HA, Schousboe JT, Matsen FA 3rd.: Proximal humeral fracture as a risk factor for subsequent hip fractures. *J Bone Joint Surg Am.* 2009 Mar 1;91(3):503-11.

M Foley, B Silverstein, N Polissar, B Neradilek: Impact of implementing the Washington State ergonomics rule on employer reported risk factors and hazard reduction activity. *Am J Ind Med.* 2009 Jan;52(1):1-16.

Einstein DR, Neradilak B, Pollisar N, Minard KR, Wallis C, Fanucchi M, Carson JP, Kuprat AP, Kabilan S, Jacob RE, Corley RA. An automated self-similarity analysis of the pulmonary tree of the Sprague-Dawley rat. *Anat Rec (Hoboken).* 2008 Dec;291(12):1628-48.

CJ Reeder, CW Griffin, NL Polissar, B Neradilek, RD Armstrong: Comparative Adrenocortical Suppression in Dogs with Otitis Externa following Topical Otic Administration of Four Different Glucocorticoid-Containing Medications. *Vet Ther.* 2008 ;9 (2):111-21

John Y. C. Tsang, Wayne J. E. Lamm, Blazej Neradilek, Nayak L. Polissar and Michael P. Hlastala: The Unpredictable Effect of Changing Cardiac Output on Hypoxemia after Acute Pulmonary Thromboembolism. *Clinical Medicine: Circulatory, Respiratory and Pulmonary Medicine* 2008;2 73-84 06 Jun 2008

Margaret L Snyder, Christopher H Goss, Blazej Neradilek, Nayak L Polissar, Zab Mosenifar, Robert A Wise, Alfred P Fishman, Joshua O Benditt: Changes in Arterial Oxygenation and Self-reported Oxygen use Following Lung Volume Reduction Surgery. *Am J Respir Crit Care Med.* 2008 Jun 5

W Bradford Delong, Nayak Polissar, Blazej Neradilek: Timing of surgery in cauda equina syndrome with urinary retention: meta-analysis of observational studies. *J Neurosurg Spine.* 2008 Apr ;8 (4):305-20

Hunter R Underhill, Chun Yuan, Xue-Qiao Zhao, Larry W Kraiss, Dennis L Parker, Tobias Saam, Baocheng Chu, Norihide Takaya, Fei Liu, Nayak L Polissar, Blazej Neradilek, Joel S Raichlen, Valerie A Cain, John C Waterton, Wendy Hamar, Thomas S Hatsukami: Effect of rosuvastatin therapy on carotid plaque morphology and composition in moderately hypercholesterolemic patients: A high-resolution magnetic resonance imaging trial. *Am Heart J.* 2008 Mar ;155 (3):584.e1-8

Susan Roberta Hopkins, Axel S Kleinsasser, Susan L Bernard, Alex Loeckinger, Eric Falor, Blazej Neradilek, Nayak L Polissar, Michael P Hlastala: Hypoxia has a greater effect than exercise on the redistribution of pulmonary blood flow in swine. *J Appl Physiol.* 2007 Sep 13

Wayne J E Lamm, Blazej Neradilek, Nayak L Polissar, Michael P Hlastala: Pulmonary response to 3h of hypoxia in prone pigs. *Respir Physiol Neurobiol.* 2007 Jun 13

H Thomas Robertson, Blazej Neradilek, Nayak L Polissar, Robb W Glenny: Sporadic coordinated shifts of regional ventilation and perfusion in juvenile pigs with normal gas exchange. *J Physiol.* 2007 Jul 5

Tobias Saam, Thomas S Hatsukami, Vasily L Yarnykh, Cecil E Hayes, Hunter Underhill, Baocheng Chu, Norihide Takaya, Jianming Cai, William S Kerwin, Dongxiang Xu, Nayak L Polissar, B Neradilek, Wendy K Hamar, Jeffrey Maki, Dennis W Shaw, Robert J Buck, Brad Wyman, Chun Yuan: Reader and platform reproducibility for quantitative assessment of carotid atherosclerotic plaque using 1.5T Siemens, Philips, and General Electric scanners. *J Magn Reson Imaging.* 2007 Jul 3

Amy K Franta, Tim R Lenters, Doug Mounce, Blazej Neradilek, Frederick A Matsen 3rd: The complex characteristics of 282 unsatisfactory shoulder arthroplasties. *J Shoulder Elbow Surg.* 2007 May 15

Robb Glenny, Susan Bernard, Blazej Neradilek, Nayak Polissar: Quantifying the genetic influence on mammalian vascular tree structure. *Proc Natl Acad Sci U S A.* 2007 Apr 9

Kathleen D Gibson , Brian L Ferris , Nayak Polissar , Blazej Neradilek, Daniel Pepper: Endovenous laser treatment of the short saphenous vein: Efficacy and complications. *J Vasc Surg.* 2007 Feb 14

Johan Petersson , Malin Rohdin , Alejandro Sánchez-Crespo , Sven Nyrén , Hans Jacobsson , Stig A Larsson , Sten G E Lindahl: Posture primarily affects lung tissue distribution with minor

effect on blood flow and ventilation. *Respir Physiol Neurobiol.* 2006 Nov 11

Robb William Glenny , Susan L Bernard , Dan Luchtel , Blazej Neradilek , Nayak L Polissar: The Spatial-Temporal Redistribution of Pulmonary Blood Flow with Postnatal Growth. *J Appl Physiol.* 2006 Nov 9

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