

CURRICULUM VITAE

Andrea Lynn Looney

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CONTACT INFO:

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BIBLIOGRAPHIC DATA:

Date /place of Birth: October 15, 1962, Troy, NY

EDUCATION:

2014	American College of Veterinary Sports Medicine & Rehabilitation, Diplomate
2001	American College of Veterinary Anesthesiology & Analgesia, Diplomate
1995-1997	Residency, Anesthesiology New York State College of Veterinary Medicine, Cornell University, Ithaca, New York
1985-1989	Doctor of Veterinary Medicine (DVM) New York State College of Veterinary Medicine, Cornell University, Ithaca, New York
1980-1984	Bachelor of Science (BS) Major: Biology Siena College, Loudonville, New York

PRIOR and CONTINUED PROFESSIONAL APPOINTMENTS:

2014-present	Consultant Anesthesiology and Lab Animal Services , Stratton Veterans Administration Hospital, Albany NY, Albany Medical College, Albany NY, and Rensselaer Polytechnic Institute, Troy NY. Duties include provision of anesthesia, pain management, IACUC regulations, general medicine, husbandry health, disease surveillance, sedation and anesthesia to small ruminants swine rabbits ferrets mice rats and various amphibians utilized for research projects. Currently working with Dr. Eric Ledet on surgical cervical expansion model in goats.
2014-present	Staff, Anesthesia& Rehabilitation Services, Ethos Veterinary Health/IVG Hospitals , Massachusetts Veterinary Referral Hospital, Woburn, MA. Duties include technician and clinician anesthesia teaching and development, protocol. Development, trouble shooting, training of VTS nurse anesthetist staff, surgical pain management. Services for 6 hospital specialist and general medicine hospital system
2007-2013	Senior Lecturer (2006-2014), Pain Management, Palliative care and Rehabilitation Service , Section of Anesthesiology and Analgesia, Department of Clinical Sciences, College of Veterinary Medicine, Cornell University Hospital for Animals, Cornell University, Ithaca, NY. Duties include establishment of pain management and rehabilitation rotation, service, and elective (Animal Pain: recognition, prevention and treatment) as well as regular small/large animal anesthesia service clinical and didactic teaching, and site work/establishment of CUVS, Stamford CT
2011-2013	Staff, Anesthesiology, Palliative Care, and Rehabilitation, Emergency Medicine, Upstate Veterinary Specialties, Albany, NY. Duties include emergency receiving, surgical and procedural sedation, anesthesia and local blockade; rehabilitation of inpatients and outpatients;

sports medicine and fitness improvement for canine patients, and intensive care of surgical and medical specialty cases

- 2005-2007** **Chief Medical Officer, Tufts Veterinary Emergency Treatment & Specialties, Clinical Assistant Professor, Cummings School of Veterinary Medicine at Tufts University.** Current duties include 50% Clinical emergency and critical care case receiving, technician and staff training, supervision of ER/CCU residents, and establishment of intensive care unit in current facility. 50% of time dedicated to design and building of new off campus ER/CCU/specialty hospital, management, hiring, finance control and personnel supervision.
- 2004-2006** **Consultant, Smiths Medical SMI, Keene, New Hampshire.** Advised and took part in a study examining the application and accuracy of portable, disposable end tidal carbon dioxide analyzers. **Technical and investigator sponsors: Richard McNary, RN, Kenneth Checkowicz, RCP, Eden Vinyarszky, CRA**
- 2003-present** **Consultant, Pfizer Animal Health, NY, New York.** Provide training and troubleshooting in basic anesthesia, perioperative care, analgesia, rehab, fitness and sports improvement for small and large animal practices throughout northeast (MD-New England)
- 1997-2006** **Staff Anesthesiologist/General Medicine Clinician, Angell Animal Medical Centers Springfield, MA and Boston, MA.** Duties included establishment and management of the perioperative and intensive care unit of Angell West Animal Medical Center, attending clinical medicine case receiving and work up, emergency and triage case management, intern and technical staff direction, and management of surgical and medical perioperative cases, both anesthetically and critically in both hospitals. Priority duties also include technical and intern training in anesthesia, analgesia and critical case management, and establishment of perioperative/pain/physical medicine center in Boston. **Medical directors: Dr. Rhea Morgan, Dr. Michael Pavletic, Chief Executive Officers: Mr. Dana Ramish, Mrs. Louise Makisack**
- 1999-2004** **Consultant, Heska Corporation, Fort Collins, Colorado.**
Consultant, Welch Allyn Corporation, Skeaneateles, New York
Consult on veterinary instrumentation (diagnostics and vital signs monitors), interface with veterinarians, instrument troubleshooting, interpretation of monitoring information. **Technical and Marketing Director: Fred Siebert, Dr. Paula Perkins (Heska) Dave Manley, Lorne Elder (WA)**
- 1995-2003** **Host for Animal Instincts, a daily national public radio program sponsored by AVMA & Ralston-Purina and produced by Finger Lakes Productions, Ithaca, NY.**
Director: Dr. Paul King and Mr. Paul Barteshevich
- 1995-1997** **Staff Veterinarian, Animal Services of North Lansing, Groton, New York.** Medical and surgical case receiving, diagnostics, workups, surgery (orthopedic and soft tissue), acupuncture, dentistry, including 24 hour emergency care for small animals referral ultrasound and radiology practice. **Directors: Drs. Eve Brown and Victor Rendano**
- 1994-1997** **Foundation Course Coordinator, Department of Clinical Sciences, Curriculum Development, College of Veterinary Medicine, Cornell University, Cornell University, Ithaca New York.** Duties include organization of teaching materials and faculty involved in second and third year veterinary curricula sections of cardiology, respiratory and gastrointestinal medicine and surgery. **Supervisors: Deans Robert Gilbert and Brian Farrow**
- 1993-1997** **Feature Writer, Sussex Publishers, New York, New York.**
Duties include writing/editing a bimonthly question and answer forum article for the nationwide popular journal, Mother Earth News. **Supervising editor: Molly Miller**
- 1993-1997** **Small group tutor, Department of Educational Development, College of Veterinary Medicine, Cornell University, Ithaca, New York.** Duties included facilitation of

anatomy and physiology learning in small groups of first and second year veterinary students in problem based learning curriculum.

Supervisor: Deans Donald Smith and David Robertshaw

1993-1995

Instructor, Section of Medicine, Division of Community Practice Medicine, College of Veterinary Medicine, Cornell University, Ithaca, New York. This service, the emergency receiving service of the small animal clinic, was designed to provide seniors and housestaff with practical experience handling emergencies and routine office calls on a daily basis.

Duties included medicine, exotics work, routine minor surgical procedures, dentistry case receiving, rounds and night on call (intern) emergency receiving.

Supervisor: Dr. William Hornbuckle

1990-1993

Instructor, Section of Surgery and Anesthesiology, New York State College of Veterinary Medicine, Cornell University, Ithaca, New York. Duties included clinical case anesthesia in small and large animal clinics, teaching seniors on rotation, minor research on appropriate analgesic protocols for elective surgeries, and emergency case management

Supervisors: Drs. Robin Gleed, John Ludders, Charles Short

1989-1990

Associate Veterinarian, Veterinary Medical Center, Endicott, New York. Staff veterinarian for a full service, two person, small animal and exotics practice offering 24 hour emergency care. **Supervisor: Dr. Dale Skrabalak**

PROFESSIONAL EXTERNSHIPS:

Winter 1996 **Tufts University School of Veterinary Medicine**, Veterinary Medical Teaching Hospital, Intensive Care Unit, Grafton, MA. Director: Dr. Nishi Dhupa

Spring 1997 **State University of New York Upstate Medical Center** Anesthesiology and Intensive Care Unit, Syracuse, NY. Director: Dr. Victor Camporesi

August 2001 **University of Florida College of Veterinary Medicine**, Veterinary Medical Teaching Hospital, Large Animal Clinic, Gainesville, FL. Director: Dr. Luisito Pablo

Spring 2004, 2006, 2012 **Tufts University School of Medicine**, Baystate Medical Center Campus, Critical Care Unit and Pain Clinic, Springfield, MA. Directors: Drs. Lori Circeo, Dr. Robert Steinberg

PROFESSIONAL SOCIETIES AND OFFICES HELD:

2017 **ASRA (American Society of Regional Anesthesia and Pain Medicine)**

2017 **APRVT (Academy of Phys Rehab Vet Tech) Exam committee**

2015 **ACVSMR Exam committee**

2014 **American College of Veterinary Sports Medicine and Rehabilitation, Diplomate**

2014 **Veterinary Emergency Center of Trauma Committee ACVAA Liason**

2011 **HSVMA Leadership Council**

2008 **Association of Shelter Veterinarians Veterinary Task Force to Advance Spay and Neuter**

2008 **American Association of Rehabilitation Veterinarians**

2007 **ACVA Education Committee**

2008 **Co-chair, Cornell CVM Off site facility strategic planning committee**

2008 **Intern oversight committee, College of Veterinary Medicine**

2006 **Imagine Humane (ASPCA and Petsmart Charities) committee to advance HQHVSN (high quality, high volume spay neuter)**

2005 **Referring veterinarian and specialist liason committee, Tufts University**

2005 **Reviewer, Journal of the American Animal Hospital Association**

2004 **Reviewer, *Veterinary Anesthesia and Analgesia***

2003 **American Humane Association**

2003 **Association of Shelter Veterinarians**

2003 **International Veterinary Academy of Pain Management**

2001 **American College of Veterinary Anesthesia and Analgesia, Diplomate**

1998 **American Association of Veterinary Clinicians**

1997	Massachusetts Veterinary Medical Society
1996	Society of Critical Care Medicine
1996	Dean's Committee on Complementary and Alternative Veterinary Medicine, Cornell College of Veterinary Medicine
1994	International Veterinary Acupuncture Society
1994	Phi Zeta Honor Society
1991	Veterinary Emergency and Critical Care Society
1989	New York State Veterinary Medical Society
	Small Animal Practice Committee, 1991-1996
	Facility Accreditation Program consultant, 1994-1996
1987	New York State College of Veterinary Medicine Student Curriculum Committee
1986	New York State College of Veterinary Medicine Open House Committee member
1985	Student and graduate Chapter of the American Animal Hospital Association
1985	Student and graduate chapter of the American Association of Equine Practitioners member, Treasurer, AAEP Cornell, 1986-1987.
1985	Student and graduate Chapter of the American Veterinary Medical Association member, Secretary, SCAVMA Cornell, 1986-1987.

OFFICES HELD:

2015	AARV University Council committee
2015	ACVSMR Exam Committee
2015	ACVAA Board of Directors Region I
2014	Massasoit Veterinary Technical college Advisory Board
2013	Leadership Council, HSVMA
2008	Student advisor, College of Veterinary Medicine Cornell University
2006	ACVA Education Planning Committee
2007	Association of Shelter Veterinarians Advisory Board
2005	Advisor, Student Chapter of the International Veterinary Academy of Pain Management
2003	Resident advisor, Angell Animal Medical Center
2003	Northeast Veterinary Conference Planning Committee, Tufts University
1997	Intern advisor, Angell Animal Medical Center
1997	House staff representative to Dean Candidate's Search Committee
1997	Faculty advisor to <i>Cornell Companions, Pet Assisted Therapy Program</i>
1994	Faculty advisor to <i>Grief/Counseling/Pet Loss Support group and Hotline</i>
1994	New York State College of Veterinary Medicine advisor to <i>Open House</i>
1994	New York State College of Veterinary Medicine advisor to <i>Student Chapter of American Veterinarians for Animal Rights</i>

HONORS AND AWARDS:

2008	Cornell University student AVMA Clinical Excellence in Teaching
2006	Consumer's research council of America, America's Top Veterinarians
2007	Cambridge Who's Who among professional Women
2002	Employee of the Year, Angell Animal Medical Center
1999	Who's Who Among Women
1994	Faculty Mentor Award, Cornell Chapter Multi-Ethnic Veterinary Student Association
1994	Cornell University SCAVMA Teaching Excellence Award
1993	Norden Distinguished Teacher Award
1993	Student Chapter of the American Veterinary Medical Association Award for Excellence in Teaching of Clinical Sciences
1990	Who's Who in Veterinary Science and Medicine
1989	James Gordon Bennett Award recipient, New York State College of Veterinary Medicine Commencement Awards
1988	Who's Who among American Medical Students
1984	Who's Who among American College Students
1984	Alpha Kappa Alpha Honor Society
1985	Delta Epsilon Sigma Honor Society

GRANTS AWARDED:

A comparison of sham versus actual low level laser therapy in treatment of canine elbow osteoarthritis. Funded by the Waltham Foundation March 2014, Award amount: \$19,995

The Iontophoretic Lidocaine Patch (Hybresis) as an Adjunct Therapy for Laminitis in Horses
Funded by the Dean's Fund for Clinical Excellence, Funded February 2008, Award amount: \$7495

Educational Physical Therapy and Gait analysis Initiative, Funded by Novartis Animal Health, Cummings School of Veterinary Medicine at Tufts University. Funded December 2005, Award amount: \$40,000

Use of Medetomidine and Dexmedetomidine in an injectable balanced anesthesia regime for elective surgery in the cat, Funded by Pfizer Animal Health, Angell Animal Medical Center. Funded December 2004, Award amount: \$30,000

Cornell University Pet Loss/Grief Support Hotline, funded December 1996 by the Joint Alumni/Faculty Committee on Unrestricted Funds, College of Veterinary Medicine, Cornell University. Award amount: \$7,000

Acupuncture Analgesia for Arthrotomy Trial, funded December 1996 by the Joint Alumni/Faculty Committee on Unrestricted Funds, College of Veterinary Medicine, Cornell University. Award amount: \$5,790

CLINICAL INVESTIGATIONS:

A Prospective Equivalence Study on the Application and Accuracy of the Portex C02 clip for detection of ETC02 in Small Animals—Phase I (pilot) and Phase II (verification), funded November 2004 by Smiths Medical SMI

Distribution of methylene blue solution in brachial plexus, psoas compartment and sciatic nerve blocks, September 2006, Cornell University Clinical Sciences Department

INVITED TALKS:

AIDS: What it means to veterinarians and clients. New York State College of Veterinary Medicine, Cornell University, Ithaca, New York, 1992.

Cardiopulmonary Resuscitation and Critical Care for the Veterinary Technician. Cornell Continuing Education Seminar for Veterinary Technicians, Cornell University, Ithaca, New York, February 1992.

Canine Disease Prevention and First Aid. Cornell University Canine Study Programs, Ithaca, New York, June 1993, September 1995.

Pain Control in Veterinary Medicine, Current Concepts of Critical Care Monitoring. New York City chapter of the New York State Veterinary Medical Society, New York City, March 1994, February 1996.

Pediatric Anesthesia, Current Concepts of Critical Care Monitoring. Capital District chapter of the New York State Veterinary Medical Society, Albany, New York, September 1994.

Mechanisms of Pain and its Expression in Companion Animals. Student Chapter of the Association of Veterinarians for Animal Rights, February 1995, February 1996, September 1996.

Pain Control in Veterinary Medicine. Southern Tier Chapter of the New York State Veterinary Medical Society, Ithaca, New York, April 1995.

Neurophysiologic basis of acupuncture. Concepts of Pain perception and acupuncture analgesia. The North American Veterinary Medical Conference, Orlando, Florida, January 1998.

Beta endorphins, acupuncture and the geriatric animal. The North American Veterinary Medical Conference, Orlando, Florida, January 1998.

Theory and Methods of Veterinary Anesthesiology. Baystate Medical Center. Tufts University School of Medicine Anesthesiology and Intensive Care Seminar Series. Springfield, Massachusetts. March 1998.

Current Concepts of Analgesia. Angell West Evening Lecture Series. Springfield, Massachusetts. June 1998.

Thoracic Trauma Emergency Management. Angell West Evening Lecture Series. Springfield, Massachusetts. January 1999.

Acupuncture and the Neurophysiology of Pain Control. Tufts University School of Veterinary Medicine Pain Symposium. North Grafton, Massachusetts. March 1999.

Care of the Convalescent Pet: Nutrition, Physical Therapy, and Intensive Care Management. Becker College. Leicester, Massachusetts. March 1999.

Practical Pain Management, Intensive Care Management for the Small Animal Patient, and Problematic Anesthetic Management. Mid America Veterinary Conference. Louisville, Kentucky. October 1999.

Anesthesia for High Risk Patients. Angell West Evening Lecture Series. Springfield, Massachusetts. November 1999.

Anesthesia and Analgesia for Critical Care Patients. Connecticut Veterinary Medical Association, Hartford, Connecticut. July 2000.

Current Concepts in Cardiopulmonary Arrest and Resuscitation. Angell West Evening Lecture Series. Springfield, Massachusetts. December 2000.

Acupuncture and the Geriatric Animal, Acupuncture for Canine Thoracolumbar and Cervical Disc Disease. Tufts University School of Veterinary Medicine Foundation Course in Veterinary Acupuncture. North Grafton, Massachusetts. August 2001, May 2002.

Monitoring in Veterinary Anesthesia and Critical Care. Angell West Evening Lecture Series. Springfield, Massachusetts. October 2001.

Thoracic Trauma: the Dos and Don'ts of Chest Triage, Respiratory Monitoring in Small Animal Medicine. Atlantic Coast Veterinary Conference. Atlantic City, New Jersey. October 2001.

Veterinary Anesthesia, Analgesia, and Critical Care. Baystate Medical Center. Tufts University School of Medicine. Springfield, Massachusetts. March 2002

A Critical Review of the Literature in Veterinary Acupuncture. Tufts University School of Veterinary Medicine Foundation Course in Veterinary Acupuncture. North Grafton, Massachusetts. May 2002.

Practical Methods of Pain Control. Capital District Surgical Associates. Rotterdam, New York. June 2002, April 2003.

Rehabilitation Considerations in Critically Injured, Paralyzed, and Immobilized Patients, Pain Management in Rehabilitation. University of Tennessee College of Veterinary Medicine's Second International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine. Knoxville, Tennessee. August 2002.

An Introduction to Physical Rehabilitation for Small Animals. Angell West Evening Lecture Series. Springfield, Massachusetts. June 2002.

Physical Rehabilitation as Analgesic Modalities. Tufts Animal Expo. Boston, Massachusetts. September 2002.

Pain Management and Anesthesia of Critical Cases. Angell Memorial Animal Hospital's Emergency Medicine Seminar. Boston, Massachusetts. April 2003.

Pain recognition and treatment in Shelter Animals: Assessment and Management. American Humane Association Conference, Shelter Veterinarian Education Program. Anaheim, California. September 2003

Anesthesia and Analgesia for the Critical Patient. New York State VMS Annual Meeting. Saratoga, New York. October 2003

Anesthesia for the Geriatric Patient. Massachusetts Veterinary Medical Association Fall Conference. Mansfield, Massachusetts. October 2003

Cardiopulmonary Resuscitation. Capital District Surgical Associates. Rotterdam, New York. December 2003

Arrhythmias in the Critical Patient: diagnosis and management. Angell West Evening Lecture Series, Springfield, Massachusetts. February 2004, July 2004.

Acupuncture, Anesthesia and Analgesia, Acupuncture in the Geriatric Small Animal. Tufts University School of Veterinary Medicine Foundation Course for Veterinary Acupuncture. Grafton, Massachusetts. May 2004.

The Use of Physical Medicine for Pain Relief. Tufts University School of Veterinary Medicine Pain Standards in Small Animal Practice Seminar. Grafton, Massachusetts. June 2004

Nonsteroidal Anti-inflammatories in Outpatient and Perioperative Practice. Angell East Continuing Education Lecture Series, Boston, Massachusetts. June 2004 and Tufts University Continuing Education series for Staff and Residents, presented by Merial, November 2004.

Local and Regional Anesthesia and Analgesia Wet Lab. Northeast Veterinary Conference. Providence, Rhode Island. August 2004, 2005

Anesthesia and analgesia for surgical patients. Rhode Island Veterinary Medical Association Annual Meeting, Newport, Rhode Island. November 2004

Alpha two agonists in small animal practice. Central New York Animal Emergency Center/Pfizer, Syracuse, New York, March, 2005

Anesthesia for problem cases/Small Animal Physical Rehabilitation New York State Veterinary Technicians Association Annual Meeting, Albany, New York, April 2005

Advances in Pain Control for Small Animals/Introduction to Physical Rehabilitation, 97th annual Cornell Veterinary Conference, June 2005

AAHA and beyond: surviving certification, Western Massachusetts Veterinary Medical Association, October 2005

Hot topics in small animal pain management, Hartford County Veterinary Medical Association, November 2005

Multidisciplinary Pain Service within Teaching and Referral Hospitals, Cornell University Hospital for Animals, December 2005

Shelter Animal Pain Assessment and Treatment, North American Veterinary Conference January 2006

Anesthesia for Elective surgical and TNR programs, North American Veterinary Conference January 2006

Anesthesia, Pain Relief & Physical therapy techniques for Critical Patients, Boehringer Ingelheim/Penn Vet sponsors, Lancaster PA April 2006

Defining evidence behind physical rehabilitation for small animal patients, Novartis sponsors, Georgetown and Dedham MA June 2006

Opioids and Alpha agents in pain control, NSAIDS in pain control, Physical Therapy Overview for Small Animal Practitioners, NY2K Meeting, West Point, NY October 2006

Current thoughts in CPR, Veterinary Emergency and Specialty Hospital of Brentwood, NY, November 2006

Anesthesia, Pain control and Perioperative Care Review, Pittsburgh Veterinary Specialists, Pittsburgh, PA, November 2006

Anesthesia Protocols and Quality Care in Shelter Environments, Imagine Humane and ASPCA spay neuter summit, Ithaca, NY, December 2006

Practitioner Rounds in Small Animal Specialties, Pain Management and Anesthesiology, College of Vet Medicine, Cornell University, February 2007

Osteoarthritis multimodal therapy beyond the NSAID, Pacific Veterinary Conference, Anaheim, CA, June 2007

Shelter animals, pain recognition and therapy, ASPCA/Maddies Fund at Cornell Shelter Medicine Conference, August 2007

Anesthesia and ventilatory therapy, Capital District Veterinary Specialists, Albany NY, September 2007

Assessment and Support of the Trauma Patient, Veterinary Specialties referral center, Schenectady NY, September 2007

Alpha two agents in practice, Veterinary Emergency Center of Central New York, Syracuse NY, September 2007

Pain in small animal patients, Pennsylvania VMA, Scranton PA, September 2007

Pain and Physical rehabilitation for Small Animals in the 21st century, Genesee Valley Veterinary Medical Association, October 2007

Protocols for High Quality High Volume Spay Neuter, ASPCA/Pet Smart Charities Fixit Forum, Chicago, IL October 2007

Dexmedetomidine usage in intensive care patients, North American Veterinary Conference, Orlando, FL January 2008

Rehabilitation analgesia for small animal patients, American Animal Hospital Association Annual Conference, Tampa FL March 2008

ASPCA spay neuter summit 2009: techniques for high-quality, high volume spay and neuter, NYC July 2009

Pain assessment and treatment, Anesthesia and intraoperative problems, basic emergency triage. North American Veterinary Conference, January 2010

Managing Emergencies in Daily Practice, Anesthesia for Critical Case Management, IVG Educational Symposium: Partners in Veterinary Practice, May 2011

Chemical immobilization for aggressive shelter patients, ASPCA/SOS/Cornell University Shelter Medicine Program Annual Conference August 2011

Rethinking common geriatric orthopedic and neurologic issues: how I treat ____: Upstate Veterinary Specialties seminar series Sept 2012

Mechanical ventilation in anesthesia: Massachusetts Veterinary Referral Hospital October 2012

Locoregional Anesthesia Wet Lab for small animals IVG Annual Conference April 2013

Dexmedetomidine in shelter spay neuter populations: ASPCA/SOS Cornell University Maddies Shelter Medicine Program Annual Conference July 2013, August 2014

Mount Washington New England Veterinary Medical Association February 2015

Pain management, rehabilitation, anesthesia HSVMA Webinars May 2015, February 2016, June 2016

Palliative care pain management AVMA convention July 2015

Anesthesia and Pain management track several lectures Atlantic coast veterinary conference October 2015

Induction agents in small animal anesthesia Long Island Veterinary Medical Association Spring conference March 2016

Dexmedetomidine, Rehab essentials Vetbloom Veterinary Technician Anesthesia Symposium October 2016

Geriatric pain control, diagnostic locoregional blocks, elbow osteoarthritis diagnosis and treatment NAVC Sports Medicine and Rehabilitation Track 2017, 2018

Basics of neuro and ortho rehab chronic pain management Buffalo Academy of Veterinary Medicine January 2017

Locoregional Anesthesia Wet Lab instructor at IVECCS symposium 2015, 2016, 2017, & 2018

ABSTRACTS PRESENTED

Comparison of sham vs. actual low level light therapy for treatment of canine elbow degenerative joint disease, A Looney, J Huntingford, L Blaesser, S Mann, J Wakshlag, Veterinary Orthopedic Society, March 2017, Snowbird UT (upcoming)

Distribution of methylene blue solution in brachial plexus, psoas compartment and sciatic nerve blocks, L. Campoy, M. Martin Flores, AL Looney, J. Stewart, JW Ludders, RD Gleed, Association of Veterinary Anesthetists, April 2006, England

Continuous Catheter Delivery of Bupivacaine reduces severe forelimb pain in horses. AE Watts, AJ Nixon and AL Looney, AAEP Proceedings, 56, 2010

LECTURES DELIVERED IN FORMAL TEACHING PROGRAMS:

As part of Veterinary Technician Certificate Course: principle techniques in Small Animal Anesthesia and Perioperative Care
Multiple lectures presented in webinar format with quiz, references, powerpoint, lecture materials and practical guides
Fall 2016-Winter 2017.

As part of Outpatient seminar series: College of Veterinary Medicine at Cornell University
Vaccinations, feeds, and feeding programs. April 1993.
Common small animal gastrointestinal parasitisms. May 1993.

As part of Second year curriculum: College of Veterinary Medicine at Cornell University
Pharmacology of sedatives and muscle relaxants. February 1995, Jan 2007, 2010.

As part of Block V teaching curriculum, Cornell University College of Veterinary Medicine
Fluid therapy in the small animal patient. January 1996, 2008, 2010
Opioids and NSAIDS. October 2004, 2005, 2006, 2007, 2009, 2010
Alpha agonists and reversal agents. October 2004, 2005, 2006, 2007, 2009, 2010, 2011
Barbiturates and propofol. October 2004, 2005, 2006, 2007, 2008, 2009, 2010
Pain physiology and pathophysiology. October 2005, 2006, 2007, 2008, 2009, 2010, 2012
Multimodal treatment of acute pain. October 2007, 2008, 2009, 2010, 2011
Multimodal treatment of chronic pain. October 2007, 2008, 2009, 2010, 2011, 2012
Multimodal physical rehabilitation October 2009, 2010, 2011, 2012
Premedications (Opioids, NSAIDS, Alpha agents, Benzodiazepines, Gastrointestinal agents). October 2007-2010
Induction agents (Barbiturates, Propofol, Etomidate, Ketamine, Heavy opioids). October 2007, 2009
Small animal surgical and anesthesia exercises. October 2004, 2005, 2006, 2007, 2008
Large animal surgical and anesthesia exercises. January 2005, 200, 2007

As part of Advanced Oncology elective, Cornell University College of Veterinary Medicine
Oncologic Pain assessment and advanced treatment options. March 2007, 2008

As part of Accelerated Clinical Excellence Course, Cummings School of Veterinary Medicine At Tufts University,
Evidence Based Medicine in a clinical small animal pain case. February 2006.

As part of Block III teaching curriculum, Cornell University College of Veterinary Medicine,
Opioid receptors and opioid use. March 2006, 2007, 2008, 2009, 2010
Case studies in animal pain. April 2007, 2008, 2009, 2011

As part of elective course Animal Pain: Recognition, Prevention, and Treatment in the 21st century ,
Course designer, instructor and leader, Spring 2008, 2009, 2010, 2012, 2013:
Overview of Pain
Non traditional means of managing pain
Non-pharmacologic means of managing pain
Rehabilitation and physical medicine in managing pain
Oncologic Pain
Emergent and acute pain
Local and Regional Anesthesia and Analgesia

As part of elective course Advanced Emergency and Critical Care
Pain assessment and analgesia in acute care, intensive care and critical care. Spring 2008, 200, 2010

As part of Shelter Medicine Resident Lecture series
Chemical immobilization and restraint in shelter patients. October 2007, 2008, 2011

As part of Block VII teaching labs:
Clinical procedures in physical exam, venipuncture, catheterization, Spring 2008, 2009

As part of lecture series for SCIVAPM 2006, 2007, 2009, 2011, 2012
Anesthesia and Analgesia for Shelter programs. March 2006
Feline Pain. November 2007
The hows and whys of the anesthesia machine and basic monitors. November 2008
Non conventional means of pain control and new advances in analgesia. October 2009, 2010
Rehabilitation within small animal practice: evidence, theory and practice. March 2011, 2012

As part of Angell Animal Medical Center Grand Rounds. Annually 1997-2006

As part of Angell Animal Medical Center Morbidity and Mortality Rounds. Annually 1997-2006

As part of Angell Animal Medical Center Journal Club. Biennially 1999-2006

As part of Angell Animal Medical Center Intern teaching series:
Pulmonary thromboembolism in dogs. May 1997
Septic shock. June 1997
Head trauma concepts and treatment. October 1997, November 2000
Neuromuscular blocking agents. February 1998
Support of the failing circulation. May 1998
Monitoring the critical care patient. August 1998, January 1999
Burn and smoke inhalation injury management. May 1999
Mechanical ventilation. August 1999, December 2002
Ventilator set up and patient management. February 2000, July 2001, December 2002
Interpretation of blood gas results. November 2001
High Risk Anesthesia. January 2002, March 2003
Central Venous Pressure Monitoring. May 2003

As part of Angell Animal Medical Center supervisory/technician seminar series:
Anesthesia protocols and problem solving. February 2002
Monitoring patients. April 2002
Cardiopulmonary Resuscitation. June 2002
Electrocardiographic interpretation. August 2002
Anesthetic Drug Use. November 2002, January 2003
Critical Case and Emergent Anesthesia. April 2003
Blood Pressure Monitoring. October 2003
Local and Regional Blockade. February 2004
Nonsteroidal Anti-inflammatories. May 2004

As part of Angell Emergency & Critical Care rounds:
Continuous rate infusion pain control. October 2002
Alpha agonists in the ICU patient. April 2003
Anesthetic ventilator management. May 2004
Novel local/regional blockade. August 2004
Physical Therapy September 2004

As part of Cornell Resident/intern seminar series:
Arrhythmias in the Anesthetized Patient November 2004
Pain mechanisms and prevention/treatment in surgical patients December 2004
Pain recognition, treatment and prevention February & March 2005, 2006, June 2007
Multidisciplinary Pain Clinic as part of Referral Practice December 2005
How cardiac cases survive anesthesia January 2006
Portosystemic Shunting in Anesthesia and Intensive Care March 2006

Rehabilitation modalities and EBM March 2006, 2007, 2010, 2011
Controversies in CPR April 2006
Emergent Case anesthesia and sedation Summer 2006, 2007
Physical rehabilitation in immediate postoperative care March 2006, June 2007
Rehabilitation primer for house staff June 2007-2012
Physical rehabilitation as a means of analgesia March 2008, 2010, 2012
Pain management for Emergency and critical care patients 2012, 2013

As part of Tufts Anesthesia and Cornell Anesthesia course 2006-2011:

Euthanasia Methods, February 2006
Alpha 2 Agonists and Opioids
Nonsteroidal Anti-inflammatory Agents
Origins of Pain
Induction Agents
Non pharmacologic means of pain control
Case studies in Chronic and Terminal Pain large and small animal

PUBLICATIONS:

1. Looney, AL: Occipitoatlantoaxial malformation in horses. *Equine Rounds*, 14: 1987.
2. Looney, AL: Selenium deficiency: a nutritional problem in foals. *Equine Rounds*, 11: 1986.
3. Skrabalak DS, AL Looney: Supernumerary tooth associated with facial swelling. *Journal of the American Veterinary Medical Association*, 203:2:266;1993.
4. Barr SC, JW Ludders, AL Looney, RD Gleed, HN Erb: Whole blood platelet aggregation in dogs after acetylpromazine and atropine premedication and during general anesthesia. *Journal of the American Veterinary Medical Association*, 199:6:63; 1991.
5. Looney AL: ECG of the month: Atrial bigeminy in a horse. *Journal of the American Veterinary Medical Association*, 203:1:52;1993.
6. Looney, AL: Veterinary care for your companion animals, *Mother Earth News*, bimonthly columns and question/answer forums on companion animal care and animal husbandry, 1993-1997.
7. Looney, AL: Alternative therapies--a meeting of science and the art of healing. *Animal Health Newsletter*, 14:10: December 1996.
8. Looney AL, E Rothstein: Use of Acupuncture to treat Psychodermatosis in a Greyhound Dog, *Canine Practice*: 23:5: September/October 1998.
9. Looney AL, JL Ludders, H Erb: Evaluation of a hand held analyzer for analysis of blood gas and electrolytes in canine and equine whole blood samples. *Journal of the American Veterinary Medical Association*, 213: 4: 223;1998.
10. Smith LJ, WS Schwark, DR Cook, PF Moon, AL Looney: Pharmacokinetic variables of mivacurium chloride after intravenous administration in dogs. *American Journal of Veterinary Research*, 60:9: 1051-1054. 1999.
11. Looney AL. Acupuncture. In: Harari J, ed. *Veterinary Surgical Secrets*. Hanley & Belfus, Inc. Philadelphia, PA. 2000.
12. Looney AL: Acupuncture in small and large animal patients. *Veterinary Medicine*, 95(8): 615-630. 2000.
13. Looney AL. Anesthesiology year in review: Perioperative use of nonsteroidal anti-inflammatory drugs. In: Chastain CB, ed. *Advances in Small Animal Medicine and Surgery*. W. B. Saunders Company, 14:5, May 2001.
14. Looney AL. Discussing Pain Management with your clients. In: Ackermann L, ed. *Five Minute Veterinary Practice Management Consult*, 2006
15. Looney AL. Epidural analgesia and anesthesia. In: Cote E, ed. *Clinical Veterinary Advisor*, Elsevier 2006, 2010.
16. Looney AL, Hansen B, Hardie L. Pain recognition and treatment. In: Ford, R and Mazzaferro EM, eds. *Kirk and Bistner's*

Handbook of Veterinary Procedures and Emergency Treatment, 8th ed., Saunders, St. Louis, MO, 2006.

17. Looney AL. Preoperative evaluation and anesthetic protocols. In: Morgan RM ed. Handbook of Small Animal Practice, 4th ed., 5th ed, Saunders, 2004, 2007.
18. Looney AL Pain intensive care for critical patients, In: Bonagura JD and Twedt DC, eds. Kirk's Current Veterinary Therapy XIV, Saunders Elsevier, 2009, Missouri.
19. Campoy L, Martin-Flores M, Looney AL, et al. Distribution of a lidocaine-methylene blue solution staining in brachial plexus, lumbar plexus, and sciatic nerve blocks in the dog. Vet Anaesth Analg 35:4: July 2008.
20. Looney AL, Bohling MW, Bushby PA et al. The association of shelter veterinarians veterinary medical care guidelines for spay – neuter programs. J Am Vet Med Assoc 233:1 July 2008.
21. Watts AE, Nixon AJ, Reesink HL, Cheetam J, Fubini SL, Looney AL. Low volume continuous versus intermittent peripheral neural blockade reduces lameness in an equine tendonitis model, accepted for publication JAVMA 2011
22. Dewey C, Cerda-Gonzalez S, Scrivani P, Looney A, Silver G. Surgical Stabilization of a Craniocervical Junction Abnormality with Atlanto-Occipital Overlapping in a dog. Comp Cont Ed Pract Vet October 2009.
23. Looney AL. Oncology pain in veterinary patients. Top Companion Anim Med. 2010 Feb;25(1):32-44.
24. Looney AL. 2008-present, Electronic website development for Association of Shelter Veterinarians www.sheltervet.org for anesthesia, emergencies, resource protocols, troubleshooting, controlled substances and spay neuter standards:
25. Looney AL. Anesthesia and pain management for the shelter patient, In: Miller L and Zawistowski S., eds. Shelter medicine for veterinarians and staff, Blackwell 2012, Iowa. 2nd ed,
26. Gerdin JA, Slater MR, Makokinski KV, Looney AL, Appel, LD, Martin NM, McDonough SP. Post-mortem findings in anesthetic associated deaths in cats from two spay-neuter programs. Submitted to Journal of Feline Medicine and Surgery December 2011 13 (12): 959-966
27. Looney AL. Anesthesia for shelter medicine and surgery, In: Tranquilli WJ, Thurmon WC, and Grimm K eds. Lumb and Jones Anesthesia and Analgesia, Blackwell 2014
28. Looney AL. Pain management and rehabilitation, In: Ackermann L ed. . In: Ackermann L, ed. Blackwell's Five Minute Veterinary Practice Management Consult . John Wiley and Sons, Ames Iowa 2014, 2017
29. Looney AL. Interventional pain management techniques, In Weisse C ed. Veterinary Image Guided Interventions, submitted for publication August 2013
30. Looney AL, Wakshlag J. Dietary treatment of hyperthyroidism in a dog. JAAHA 53: 2 2017
31. Looney AL, Christensen E, Grubb T. Fear free veterinary visits: in hospital sedation and pain relief. In Becker, M. Fear free veterinary visits AAHA 2016
32. Looney AL, Huntingford J, Blaesser LM, Mann S, Wakshlag J. Effects of photobiomodulation or sham light therapy on canine elbow osteoarthritis, accepted for publication in Canadian Veterinary Journal January 2018

MEETINGS ATTENDED:

1990-1993	American Veterinary Medical Association Annual Meeting, San Antonio, Texas; San Diego, California; Boston, Massachusetts
1992-1993	Tenth Annual American College of Veterinary Internal Medicine Meeting, San Diego, California
1993-2001	North American Veterinary Conference, Orlando, Florida

1993	Problem Based Learning in Small Groups Workshop, McMasters University, Ontario, Canada
1995-1996	International Veterinary Acupuncture Society Certification Course and Meeting, Houston, Texas
1996	Alpha Agonists and Pain Control, Use of <i>Medetomidine</i> and <i>Antisedan</i> in Small Animal Practice, Groton, Connecticut
1998	Outward Bound Professional Development Program, Maine
1998	American College of Veterinary Surgery Veterinary Symposium, Chicago, Illinois
1999	Current And Adjunctive Therapies in Equine Sports Medicine, Rochester Equine Clinic, Rochester, New Hampshire
1998-2003	Rowley Memorial Evening Lecture Series, Springfield, Massachusetts
2002	Canine Physical Rehabilitation for Veterinarians, Knoxville, Tennessee
2000, 2001	American College of Veterinary Anesthesiology Meeting, San Francisco, California and New Orleans, Louisiana.
2002	Update on Soft Tissue Surgery, Framingham, Massachusetts
2001	Small Animal Abdominal Ultrasound Short Course. Bedford Hills, New York
2002	Equine Emergency Care. Rochester Equine Clinic, Rochester, New Hampshire
2002	Small Animal Dental Extraction Techniques. Marlborough, Massachusetts
2002	Second International Symposium on Rehabilitation and Physical Therapy in Veterinary Medicine. Knoxville, Tennessee
2002	Small Animal Oncology in the Practice Setting. Meriden, Connecticut
2003, 2004, 2005	Midwest Veterinary Anesthesia and Analgesia Meeting. Indianapolis, Indiana
2003	The re-emergence of Canine Leptospirosis. Northampton, Massachusetts
2003	World Congress of Veterinary Anesthesia. Knoxville, Tennessee
2003	Bioterrorism as it applies to the Veterinarian. Northampton, Massachusetts
2003	Chemical Immobilization and Capture of Animals. Philadelphia, Pennsylvania
2004	Society for Critical Care Medicine 18 th Annual Comprehensive Update and Board Review. Washington, DC
2004	Allergy Testing Update. Management of Pruritus. Tufts University School of Veterinary Medicine Dermatology Update Course. Boston, MA
2004	Novartis Round table on Nonsteroidals. Mt. Equinox, VT
2004	Canine Lyme Borreliosis: Diagnostics, Vaccine issues, and Technologies, Springfield, MA
2005	Domitor and Antisedan Local Expert (DALE) course, Pfizer, New Orleans, LA
2005	4 th Annual Comprehensive Review of Regional Anesthesia, St. Luke's and Roosevelt Hospitals,

	New York, NY
2006	North American Veterinary Conference, Orlando, FL
2006	Hambletonian Equine Continuing Education Seminar, Meadowlands Raceway, Hasbrouck, NJ
2006	ASPCA and Imagine Humane's Shelter Medicine Outreach Spay Neuter Summit, Ithaca, NY
2007	Pet Smart Charities Fix-it Forum National Spay and Neuter Networking and Training Conference, Chicago, IL
2007	Chemical Immobilization/Safe Capture in Animals, Newark NJ
2008	North American Veterinary Conference, Orlando, FL
2008	Western Veterinary Conference, Las Vegas NV
2009	American Animal Hospital Association Annual Meeting, Tampa FL
2010	Kentucky Equine Veterinary Spring Seminar on tendon therapy and use of regenerative cells, Lexington, KY
2011	Biopuncture in theory and practical application, NY, NY
2012	Veterinary Emergency and Critical Care Symposium , San Antonio, TX
2013	Basic and Advanced Diagnostic Ultrasound, Ohio State University, Columbus, OH
2014	8 th International Symposium on Veterinary Rehabilitation and Physical Therapy, Corvallis, OR
2015	IVECCS/ACVAA Washington DC
2016	NAVC, Orlando FL
2017	WVC, Las Vegas NV
2014-18	STAAR rehabilitation conference Florham Park, NJ
2013-18	IVECCS/ACVAA, San Antonio TX

ADDITIONAL QUALIFICATIONS:

Certification of USDA Accreditation, United States Department of Agriculture, Animal and Plant Health Inspection Service, 1993

Certification of state Accreditation, New York 1993, Massachusetts 2002, Connecticut 2010

Licensed and registered in Veterinary Medicine New York, Massachusetts, Vermont, Connecticut and New Hampshire

CVA, Certification in Veterinary Acupuncture, International Veterinary Acupuncture Society, 1996

CCRP, Certification in Small Animal Rehabilitation, University of Tennessee Rehabilitation Program 2002

CCIA, Certification in Chemical Immobilization of Animals, 2007

