

CURRICULUM VITAE

Roland Thaler VMD

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Education:

1982-6	University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA Cum laude	VMD
1979-82	Albright College, Reading PA Biochemistry, Magna cum laude	BS

Professional Experience:

1999-current	Metamora Equine PC, Metamora, MI <ul style="list-style-type: none">◦ Owner/President◦ Ambulatory equine practice focused on sport horse medicine	
1989-1999	Edelson-Thaler Equine Associates, Manheim, PA <ul style="list-style-type: none">◦ Associate practitioner◦ Multi person ambulatory and clinic based practice focused on sport horse medicine	
1986-1989	Delaware Equine Center, Cochranville, PA <ul style="list-style-type: none">◦ Associate practitioner after 2 year internship◦ Multi person ambulatory and clinic based referral practice focused on sport horse medicine and surgery	

Professional Activities and Associations:

Enso Discoveries Advisory Board	2016-current
College of Animal Chiropractors <ul style="list-style-type: none">◦ Fellow◦ Completed 200 hour course	2015-current 2014-5
Equus EQ Consultant	2016-current
American College of Veterinary Sports Medicine and Rehabilitation	

◦ Diplomat (equine)	2012-current
◦ Public Relations and Marketing Committee	2015-current
◦ Ad hoc committee member for adverse credentialing decisions	2013
Vet-Stem Equine Clinical Advisory Board	2014-current
IDEXX Laboratories, Inc.: beta testing program participant-PACS software	2014
National Equine Adjusting, Inc.: consulting opinion expert	2013-current
Equinosis,LLC: National Science Foundation Grant (1026883) data collection	2011
◦ Identification of single limb-single source gait asymmetries	
◦ Advisory Board Member	
◦ Certified Practitioner	2018
International Society of Equine Locomotor Pathology	2005-current
◦ Certified Member	2009-current
Michigan State University, College of Veterinary Medicine	
◦ Assistant Adjunct Professor	2003-current
◦ Practice Based Ambulatory Program participant	2003-current
◦ Blue Ribbon Panel member	2015
◦ Equine Practitioner Advisory Board member	2011-14
◦ Faculty Search Committee	2013
Baker College, Veterinary Technician Program	2006-current
◦ Equine Clinical Instructor	
◦ Veterinary Technician Education Board member	
American Association of Equine Practitioners	1999-current
Michigan Equine Practitioners Association	1999-current
Michigan Horseshoers Association	1999-current
American Veterinary Medical Association	1986-current
State Veterinary Licensure: Michigan, Ohio, Pennsylvania, Florida	
Continuing Education: regular attendance to AAEP, ISELP, MEPA functions cumulating in >120 hrs of CE per year	

Honors and Awards:

- First equine practitioner to become a Diplomat of ACVSMR and Certified ISELP 2012
- First equine practitioner to complete Vet-Stem Small Animal 2011
-Regenerative Stem Cell Introduction and Orthopedic Credentialed User Course
- Patent: equine locomotor flexion algometry device 2008
- Patent Number: 8182434
- Device measures force applied during flexion tests of equine distal limbs
- First solo ambulatory practitioner to become certified by ISELP 2009
- Phi Zeta National Veterinary Honor Society 1986

Professional Presentations:

Ultrasonography of the Equine Fetlock. Healing Oasis Convention, North Grafton MA October 2017

Ultrasonography of the Equine Tarsus. Healing Oasis Convention, North Grafton MA October 2017

Practical Hindlimb Gait Assessment. Healing Oasis Convention, North Grafton MA October 2017

Optimization of ultrasound imaging of the proximal suspensory ligament. Bluffton SC, November 2016

Optimization of ultrasound imaging of the equine digit. Healing Oasis Convention, Bluffton SC, November 2016

Injury specific shoeing. Healing Oasis Convention, Bluffton SC, November 2016

Advanced ultrasound guided techniques. Healing Oasis Convention, Bluffton SC, November 2016

Treatment of acute soft tissue injury in the equine. Healing Oasis Convention, Bluffton SC, November 2016

Understanding the behavior of ultrasound. Healing Oasis Convention, Bluffton SC, November 2016

Injury specific shoeing. Canadian Veterinary Medical Association, Toronto ON, July 2016

Penetrating injuries of the equine foot. Canadian Veterinary Medical Association, Toronto ON, July 2016

Optimization of ultrasound imaging of the proximal suspensory ligament. Canadian Veterinary Medical Association, Toronto ON, July 2016

Student ultrasound day course Michigan State University, East Lansing MI, November 2015

Case presentation. Advanced Pelvic Module ISELP, Palo Alto CA

Optimization of ultrasound imaging of the proximal suspensory ligament. Western States Veterinary Conference; Las Vegas, February 2015

Penetrating injuries of the equine foot. Western States Veterinary Conference; Las Vegas, February 2015

Injury specific shoeing. Western States Veterinary Conference; Las Vegas, February 2015

Practical assessment of hind limb lameness for the ambulatory practitioner. Western States Veterinary Conference; Las Vegas, February 2015

Five Year Changes in the Equine Veterinary Market: A practitioners perspective. Idexx corporation; Portland ME, August 2014

Stem cell therapy: Understanding the foundation of healing. International Hoofcare Summit, Cincinnati OH; January 2014

Rehabilitation of tendon injury: When to put the cart after the horse. International Hoofcare Summit; January 2014

Stem cell Ultrasound guided lipoaspiration technique for lipoaspiration in the horse. VetImaging Nashville TN; December 2013

Optimization of ultrasonographic imaging of the hind proximal suspensory ligament. NEAEP, Pittsburg, PA; September 2012

High suspensory ligament injuries. International Hoofcare Summit; January 2012

Injury specific shoeing. International Hoofcare Summit; January 2012

Various anatomy clinics. Michigan Horseshoers Association; 2004-current

Injury specific shoeing. Michigan Horseshoers Association, East Lansing, MI; January 2010

How to Use Horse Shoe Flootation to Mimic the Effect of Wedge Pads. Michigan Horseshoers Association, East Lansing, MI; January 2005

How to use digital radiography to aid in shoeing. Michigan Horseshoers Association, Metamora, MI; October 2004

Publications:

Lawver J, **Thaler RA**: Ultrasound Guided Lipoaspiration for mesenchymal stroma cell harvest in the horse.

- *Equine Veterinary Education* January 2016

Protocol Guidance for Stem Cell Therapy: Equine Musculoskeletal Module; VetStem Biopharma 2014

- Contributing author on technique and rehabilitation protocol

Jann HW, et al: Equine Tendon in Health and Disease; Nova Science Publishing, NY 2013

- Authoring chapter regarding treatment of acute tendon injury
- Co-author chapter on ultrasound imaging of tendons

Thaler RA: Equus Consultants, Equus Magazine 2016-current

- Provide written expert responses to subscriber questions

Thaler RA, Russo D: How to Use Horse Shoe Flootation to Mimic the Effect of Wedge Pads. In preparation for submission to AAEP 2012

Soma LR, **Thaler RA**, Beech J and Gerber N, Respiratory and blood gas values in awake normal and COPD horses. *Proceedings of the Second International Congress of Veterinary Anesthesia*. 1985

Instructional Experience:

AAEP wet lab instructor

December 2015-7

ISELP musculoskeletal ultrasound instructor:

- Neck and Back: Fairfield CT October 2018
- Shoulder and Elbow: Vancouver BC September 2018
- Pelvis: Vancouver BC September 2017
- Hock and Crus: Vancouver BC September 2016
- Neck and Back; Palo Alta CA May 2016
- Foot and Pastern: Dallas TX April 2016
- Pelvis: Lexington KY August 2015
- Tarsus: Lexington KY May 2014
- Pelvis: MSU MI August 2013
- Hock and Crus: Fairfield CT June 2013
- Shoulder and Elbow: Palo Alta CA February 2013
- Carpus: Fairfield CT May 2012
- Foot and Pastern: Palo Alta CA February 2012
 - demonstration of novel ultrasound guided liposuction technique for harvesting adipose tissue for stem cell isolation
- Foot and Pastern: Lienden, Netherlands September 2011
- Hind Metatarsus and Distal Limb: Palo Alta CA August 2011
- Stifle: Fairfield CT May 2011
- Tarsus: Middleburg VA March 2011

- Tarsus: Lienden, Netherlands September 2010
 - Carpus: Palo Alto CA August 2010
 - Neck and Back: Fairfield CT June 2010
- ISELP one day course instructor:
- Tarsus: Lexington KY September 2014
- VetImaging ultrasound wet lab instructor:
- AAEP: Anaheim CA November 2013
 - AAEP: San Antonio TX November 2011
 - AAEP: Baltimore MD November 2010
- Northeastern Association of Equine Practitioners ultrasound wet lab instructor:
- NEAEP; Pittsburg, PA September 2012

References:

Upon request