

# **Layla S. Shaikh, VMD, DACVR**

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## **Board Certification**

**Diplomate, American College of Veterinary Radiology (2015)**

## **Work Experience**

### **Insight Veterinary Imaging and Consulting, LLC**

President & Owner, July 2015-present

*A boutique veterinary radiology consulting service*

- Performing teleradiology services (radiology, computed tomography, ultrasonography, magnetic resonance imaging) and consulting for individual clients worldwide
- Associate teleradiology services for Veterinary Imaging Consultants, LLC, Veterinary Imaging, LLC, and VitalRads, LLC.
- Providing real-time and STAT ultrasonography support services for numerous clients
- Facilitating and performing sonography training for veterinary technicians, sonographers, and other veterinarians (internal medicine specialists)
- Providing mobile ultrasonography and diagnostic imaging services in the Northern Atlanta region
  - Abdominal, Musculoskeletal, and Echocardiography

### **Insight Veterinary Ultrasonography of Georgia, LLC**

Chief Operations Officer, October 2016-present

*Providing mobile ultrasonography services in the Atlanta region*

- Performs all aspects of operational support for two Diagnostic Medical Sonographers (Atlanta region) and an associate Veterinary Radiologist (Athens, GA region)
- Interprets ultrasound examinations, assesses patient data, makes further imaging recommendations
- Coordinates consultations with other relevant specialists (cardiology, internal medicine, surgery, etc)
- Expands company presence in Georgia, extending services based on patient needs and market trends

## **Recent Presentations**

“Basic and Advanced Canine Abdominal Ultrasound”. 5<sup>th</sup> Annual Gulf Coast Veterinary Medical Conference, Boca Raton, FL, December 2017.

“Basic and Advanced Canine Abdominal Ultrasound”. 88<sup>th</sup> Annual Florida Veterinary Medical Association Conference – Wet Lab Instructor (10 hours), Tampa, FL, April, 2017.

“Thoracic Imaging on the Fly: Thoracic ultrasound and Radiographic pearls” – 2 hour lecture. Continuing Education provided by Veterinary Referral Surgical Practice, Roswell, GA. IDEXX and Sonosite/Fujifilm Sponsor. Georgia Veterinary State Board recognized. March 30, 2017.

“Common Case Examples in CT/MRI” – 1 hour; “Radiographic Special Procedures” – 1 hour; “Emergency Radiology” – 1 hour. 4<sup>th</sup> Annual Gulf Coast Veterinary Medical Conference, Boca Raton, FL, September 2016.

“Basic and Advanced Canine Abdominal Ultrasound”. 4<sup>th</sup> Annual the Gulf Coast Veterinary Medical Conference – Wet Lab Instructor (10 hours), Boca Raton, FL, September 2016.

“When Should We Consider CT/MRI? Common Case Examples.” - 2 Hour lecture. Continuing Education provided by Veterinary Referral Surgical Practice, Roswell, GA. IDEXX Sponsor. Georgia Veterinary State Board recognized.

“Thoracic Radiographic Interpretation” – 2 hours; “Abdominal Radiographic Interpretation” – 2 hours; “Special Procedures” – 1 hour; “Musculoskeletal Radiographic Interpretation” – 2 hours. Florida Veterinary Medical Association 87<sup>th</sup> Annual Conference – 7 lecture hours, Tampa, FL, April, 2016.

“Basic and Advanced Canine Abdominal Ultrasound”. Florida Veterinary Medical Association 87<sup>th</sup> Annual Conference – Wet Lab Instructor (10 hours), Tampa, FL, April, 2016.

“Basic and Advanced Canine Abdominal Ultrasound.” Florida Veterinary Medical Association Gulf Coast Veterinary Conference – Wet lab instructor (10 hours), Boca Raton, FL, October, 2015.

“Use of a 15-Channel Knee Coil Versus a 6-Channel Body Matrix Coil for MR Imaging of the Distal Equine Limb at 1.5T.” ACVR Annual Scientific Meeting, Minneapolis, MN – **Resident Competition Winner**, Outstanding Resident Podium Presentation, October, 2015.

“Musculoskeletal MRI”. UGA Clinical Medicine and Surgery Seminar – Podium (50 minutes), May, 2015.

“Imaging the Canine Spine with SPACE.” ACVR Annual Scientific Meeting, St. Louis, MO – Podium (10 minutes), October, 2014.

“T2-Weighted BLADE and SPACE for MR Imaging of the Canine Thoracolumbar Spine.” ACVR Annual Scientific Meeting, St. Louis, MO – **Resident Competition Winner**, Outstanding Resident Poster Presentation, October, 2014.

“T2-Weighted BLADE and SPACE for MR Imaging of the Canine Spine.” UGA Veterinary Medicine Symposium – Poster, **1<sup>st</sup> place prize**, October, 2014.

“Novel MR techniques for canine spinal imaging.” UGA Clinical Medicine and Surgery Seminar – Podium (50 minutes), May, 2014.

“Basic and Advanced Canine Abdominal Ultrasound.” Continuing Education Course for Referring Veterinarians – Wet lab instructor (10 hours), UGA College of Veterinary Medicine, April, 2014.

“Morbidity and Mortality Rounds: Tracheal Stents – what could go wrong?” House Officer Friday Seminar – Podium (50 minutes), UGA College of Veterinary Medicine, February, 2014.

“Imaging the Canine Thoracolumbar Spine with SPACE, a Fast, Three-Dimensional T2-Weighted Spin Echo Sequence with Reduced Flip Angle Refocusing” UGA Veterinary Medicine Symposium - Poster, **2<sup>nd</sup> place prize**, October, 2013.

“Contrast-enhanced CT and MR imaging of focal hepatic lesions in dogs.” UGA Clinical Medicine and Surgery Seminar – Podium (50 minutes), August, 2013.

“Equine Thoracic Radiography.” 3<sup>rd</sup> year General Radiology course at UGA College of Veterinary Medicine - Podium (50 minutes) November, 2013.

## **Education**

### **University of Georgia College of Veterinary Medicine, Athens, GA**

Resident in Diagnostic Imaging, August 2012-August 2015

***Outstanding Resident Award, 2015***

### **University of Pennsylvania, School of Veterinary Medicine, Philadelphia, PA**

May 2007

VMD, *Magna cum laude*

Phi Zeta member, 1930 Class Prize in Surgery recipient, Dean’s List 2003-2007

### **Rutgers College, Rutgers University, New Brunswick, NJ**

May 2003

BA in music with biology minor, *Summa cum laude*

## **Publications/Research**

M Kent, EN Glass, AC Haley, LS Shaikh, M Sequel, U Blas-Machado, TM Bishop, SP Holmes and SR Platt. **Hydrocephalus secondary to obstruction of the lateral apertures in two dogs.** *Aust Vet J* 2016;94:415-422

Holmes, S, Shaikh, L. **Application of SPACE Pulse Sequence in Canine Spinal Imaging.** Proceedings of the VOS Annual meeting, February, 2016.

Franklin, S., Holmes, S., Shaikh, L., Clarke, K., Cook, C., Cook, J. **Comparison of Ultrasound and MRI to Arthroscopy for Assessment of Medial Meniscal Pathology in Dogs with Cranial Cruciate Ligament Disease.** *J Am Vet Med Assoc.* 2017 Jul 1;251(1):71-79

Shaikh, L., Holmes, S. **Use of a 15-Channel Knee Coil Versus a 6-Channel Body Matrix Coil for MR Imaging of the Distal Equine Limb at 1.5T.** Proceedings of the ACVR Annual Scientific Meeting October, 2015.

Proença, L., Shaikh, L., Holmes, S., Hicks, J., Platt, S., Divers, S. **Acute Ischemic Stroke in a Cockatiel with Severe Aortic Atherosclerosis.** Accepted as abstract for AARV 2015.

Shaikh, L., Sharma, A., Secrest, S. **Imaging Diagnosis: Duodenobiliary reflux of barium sulfate during esophagography in a dog.** *Veterinary Radiology and Ultrasound*, 56 (3), 2015, E36-39.

Shaikh, L., Holmes, S., Selberg, K., Jarrett, C., Thomason, J., Coleman, A.E. **Imaging diagnosis: Radiographic, Ultrasonographic, Computed Tomographic, and Fluoroscopic Appearance of a Distal Hindlimb Arteriovenous Malformation in a Young German Shepherd Dog.** *Veterinary Radiology and Ultrasound*, March, 2015.

Shaikh, L., Selberg, K., Holmes, S. **T2-Weighted BLADE and SPACE for MR Imaging of the Canine Thoracolumbar Spine.** Proceedings of the ACVR Annual Scientific Meeting October, 2014.

Kent, M., Glass, R., Bishop, T., Blas-Machado, U., Seguel, M., Shaikh, L., Haley, A., Holmes, S., Platt, S. **Hydrocephalus secondary to obstruction of the lateral apertures in two dogs.** Submitted to *Australian Veterinary Journal*, March, 2015.

Shaikh, L., Holmes, S., Selberg, K. **Imaging the Canine Spine with SPACE, a 3D T2-Weighted Spin Echo Sequence with Variable Flip Angle Refocusing.** Proceedings of the ACVR Annual Scientific Meeting October, 2014.

Barletta, M., Shaikh, L., Schmiedt, C., Secrest, S., **Anesthesia Case of the Month. Tracheal Avulsion/Rupture in a Cat: Planning the Anesthetic Event.** *J Am Vet Med Assoc.* 2015 Sep 1;247(5):488-91

## Other Work Experience

### **Four Seasons Animal Hospital, Lafayette, CA**

February 2012-July 2012

*Associate veterinarian/General Practice*

- Performed all aspects of general veterinary care in this 24-hour, multispecialty hospital
- Gained experience with in-house CT and MRI
- Worked closely with board-certified veterinarians in surgery, radiology, internal medicine, and emergency/critical care
- Helped mentor residents in emergency and critical care, attended journal club and case rounds
- Gained exposure to multiple exotic pet species (birds, reptiles, and small mammals)

### **Adobe Animal Hospital, Los Altos, CA**

September 2011-February 2012

*Associate veterinarian/General Practice and Emergency care*

- Performed all aspects of general and emergency veterinary care in this busy, 24-hour practice
- Managed internal medicine cases as the primary clinician, providing follow-up and monitoring on both an in-patient and out-patient basis

### **PETS Referral Center, Berkeley, CA**

July 2011–July 2012

*Relief veterinarian/per diem basis*

- Provided emergency veterinary care on a relief basis for this growing emergency and referral practice

**HOPE/Animal Critical Care and Specialty Group, Malvern, PA**

October 2007–September 2011

*Emergency and critical care veterinarian*

- Executed all aspects of patient care in large, busy tertiary emergency and referral practice, including initial stabilization, diagnostics, therapeutic plans, serial evaluation, and prognostics
- Consulted board-certified specialists in radiology, internal medicine, surgery, cardiology, ophthalmology, dermatology, and neurology as necessary and assisted with care and monitoring of patients managed by these other services; worked closely with two board-certified criticalists to manage complicated cases
- Managed all medical aspects of critical and unstable patients in the intensive care unit, including ensuring proper monitoring techniques
- Experienced—and extensively trained—in emergency life-saving and diagnostic procedures including pericardiocentesis; thoracentesis; abdominocentesis; chest tube placement; bone marrow aspiration; ultrasound-guided liver, kidney, and spleen aspiration and biopsy; urinary catheter placement; and both open- and closed-chest CPR
- Facilitated discussions with owners and performed client education; updated owners via telephone or in person on new diagnostic results, treatment plans, financial implications, and/or changing medical status of pets
- Obtained experience and comfort with transfusion medicine (FFP, pRBCs, Oxyglobin®, fresh whole blood), nutritional support (TPN, NE/NG tube placement, E-tube placement, trickle feeding), and invasive monitoring techniques (eg, central venous pressure, arterial blood pressure)
- Performed minor surgeries, including laceration/wound repairs and those involving eye proptosis, as well as routine ovariohysterectomies and neuters of employee pets
- Managed nursing and receptionist staff; educated nurses and students on disease processes and various skill and monitoring techniques; gave lectures on topics in critical care and on case reviews of critical patients; attended monthly doctor and staff meetings to discuss business management and financial issues
- Attended and participated in quarterly journal club and M&M rounds; developed handouts on case reports and articles

**Manor College, Jenkintown, PA**

January 2010–May 2011

*Adjunct professor*

- Developed and conducted all aspects of a two-semester survey lecture course entitled “Animal Medicine” for the Program of Veterinary Technology
- Wrote and delivered lectures on various animal medicine topics (small animal, large animal, and exotics)
- Designed exams, assignments, and projects for student assessment
- Became familiar with theories of assessment using a goal-oriented approach

**Delaware Valley College, Doylestown, PA**

January 2010–May 2011

*Adjunct professor*

- Administered three laboratory sections of “Veterinary Pathology and Disease”, a 400-level course designed for animal science majors
- Designed multiple laboratory assignments and practical exams
- Mentored and advised students on their future goals

**Wellington Veterinary Hospital, Newtown Square, PA; Red Bank Veterinary Hospital, several locations in NJ; Crown Veterinary Specialists, Lebanon, NJ**

January 2008–May 2011

*Relief veterinarian, per diem basis*

- Performed all aspects of veterinary care in several general practice and emergency and surgery centers in the greater Philadelphia area

**Animerge, PC, Raritan, NJ**

December 2007–December 2010

*Emergency veterinarian, per diem basis*

- Performed triage, initial evaluation, stabilization, diagnostics, therapeutics, and prognostics at 24-hour emergency hospital (10–25 cases per shift), both overnight and daytime as the only doctor on duty
- Performed emergency surgeries including exploratories, enterotomies, splenectomies, Cesarean sections, and laceration/wound repairs, as well as those involving GDV and pyometra
- Educated nursing staff on variety of topics, including appropriate monitoring techniques of the critical/unstable patient and the art of triage (developed educational handout)

**Old Marple Veterinary Hospital, Springfield, PA**

June 2007–November 2007

*Emergency veterinarian*

- Managed all aspects of care of emergency patients at general practice also providing emergency services
- Performed emergency surgeries, including exploratories, enterotomies, splenectomies, and cytotomy/urethral tear repairs
- Monitored and managed in-hospital cases (10–30) ranging from routine post-operative to those requiring oxygen support

**Veterinary Business Advisors, Whitehouse Station, NJ**

April 2006

*Full-time extern (4 weeks, 10 credits)*

- Researched and wrote article on liability of vaccine use and guidelines entitled “Vaccine Liability: Truth or Myth?” with Charlotte Lacroix, DVM, JD
- Reviewed and drafted contracts and other legal documents for employers and employees
- Researched various topics, including medical record keeping, state veterinary laws, EPA regulations, and pet “ownership” versus “guardianship”
- Studied and reviewed various veterinary business models, tax structures, and laws pertaining to running veterinary businesses; studied the unique challenges faced by the veterinary industry

### **Continuing Education – Attended**

American College of Veterinary Radiology Scientific Meeting, Fort Worth, TX  
October, 2018  
American College of Veterinary Radiology Scientific Meeting, Minneapolis, MN  
October, 2015  
American College of Veterinary Radiology Scientific Meeting, St. Louis, MO  
October, 2014  
American College of Veterinary Radiology Scientific Meeting, Albuquerque, NM  
October, 2011  
Veterinary Emergency and Critical Care Society Annual Meeting, San Antonio, TX  
September 2010  
American College of Veterinary Internal Medicine Annual Meeting, Montreal, QC  
June 2009  
Basic & Advanced Ultrasound, The Ohio State University, Columbus, OH  
June 2008  
Veterinary Emergency and Critical Care Society Annual Meeting, New Orleans, LA  
September 2007

### **Organizations/Licenses**

#### **Veterinary Licenses**

Georgia (Active), Texas (Inactive), New York (Active), California (Inactive), Pennsylvania (Inactive), New Jersey (Inactive)

**American College of Veterinary Radiology**, Member

Veterinary Ultrasound Society, CT/MRI Society

**Georgia Veterinary Medical Association**, Member

**Cobb County Veterinary Medical Association**, Past Member

**American Veterinary Medical Association**, Member

**Pennsylvania Veterinary Medical Association**, Former member and former District VII Alternate Trustee

**California Veterinary Medical Association**, Former member

**Alameda County Veterinary Medical Association**, Former member

**Veterinary Emergency and Critical Care Society**, Former member