SPECIFIC AIMS

The purpose of this initiative is to employ the use of all three diagnostic modalities, as used in human nephropathology, to accurately characterize glomerular disease in proteinuric dogs, and to relate these findings to clinicopathologic presentation and outcome. This proposal achieves this objective by establishing an international network of cooperating diagnostic renal pathology service centers to systematically evaluate tissue specimens obtained from proteinuric dogs world-wide and collect information about the clinical and clinicopathologic features of their illnesses. The long-term goal of this study is to better understand and evaluate and thus optimize the medical management of dogs with proteinuric renal disorders by identifying distinct glomerular diseases for which specific prognoses and therapeutic guidelines can be provided.

INFORMATION

For updates on Renal Standardization Study Group please visit the WSAVA website: www.wsava,org

THE STUDY GROUP INVITES YOUR PARTICIPATION:

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SPONSORSHIP

The group's efforts are supported by the WSAVA, an organization with over 75,000 members from 80 member associations, Hill's Pet Nutrition, a global leader in pet nutrition, and Bayer Animal Health, a global leader in veterinary pharmaceuticals.

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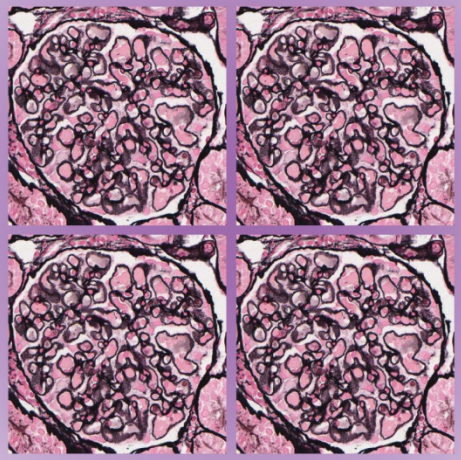
www.wsava.org

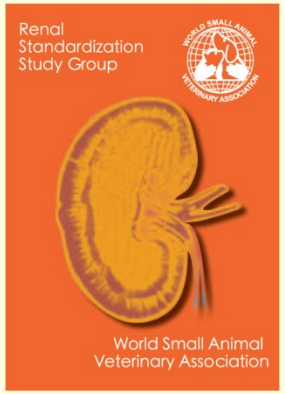
Renal Standardization Study Group



World Small Animal Veterinary Association

WSAVA SP Standardization Projects

BACKGROUND



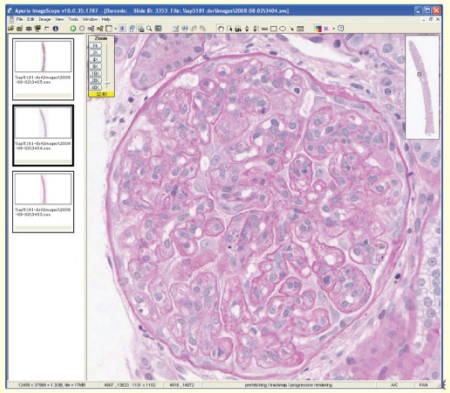
In human beings, specific proteinuric kidney diseases are characterized and identified by their light microscopic, immuno-pathologic, and electron microscopic features which are correlated with the patient's particular clinical and clinicopathologic findings. Diagnosis of a patient's glomerular disease provides insights into the disorder's pathogenesis and prognosis, as well as guidelines for appropriate treatment.

While veterinary pathologists have attempted to characterize glomerular diseases in dogs in a similar manner, they have based their diagnoses primarily on light microscopic findings.

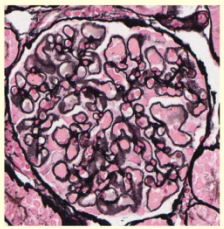
These efforts largely have failed to yield a consensus nomenclature, morphologic characterization, and adequate and accurate results. This failure underscores the importance of a uniform classification scheme based on expanded immunologic and ultrastructural evaluation in renal disease diagnosis.

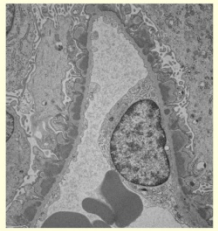
The WSAVA Renal Standardization Project exploits new technologies to establish far reaching visions for the clinical and pathologic assessment of glomerular disease in dogs and cats and innovative benchmarks for the world-wide sharing of veterinary expertise.

A glomerulus on a PAS-stained section



LM image (Jones methamine silver stain of membranous GN) & TEM image





MEMBERSHIP

The group is composed of internationally recognized scientists in companion animal nephrology and pathology:

- Dr. Claudio Brovida, ANUBI Companion Animals Hospital (Italy), Internal Medicine and Nephrology
- Dr. Cathy Brown, University of Georgia (USA), Pathology
- Dr. Larry Cowgill, University of California (USA), Nephrology, Co-chair
- Dr. Jonathan Elliott, Royal Veterinary College (UK), Nephrology
- Dr. Roel Goldschmeding, University Medical Centre Utrecht (NL), Renal Pathology
- Dr. Reidun Heiene, Norwegian College of Veterinary Medicine (NO), Internal Medicine and Nephrology
- Dr. George Lees, Texas A&M University (USA), Internal Medicine and Nephrology
- Dr. Johan Jansen, Norwegian College of Veterinary Medicine (NO), Pathology
- Dr. David Polzin, University of Minnesota (USA). Internal Medicine and Nephrology, Co-chair
- Dr. Kinji Shirota, Research Institute of Bioscienes Azabu University (JAPAN), Pathology
- Dr. William Spangler, Consulting Pathologist (USA), Pathology
- Dr. Shelly Vaden, North Carolina State University (USA), Internal Medicine and Nephrology
- Dr. Jaco van der Lugt, Utrecht University (NL), Pathology
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Participating Pathologists

- Luca Aresu, University of Padova (IT)
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