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Davis-Thompson Foundation

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For the advancemet of veterinary and comparative pathology

THE DAVIS-THOMPSON FOUNDATION NEWSLETTER

November

VOL. 54

In which region of the United States is pythiosis most commonly found in dogs?

A. Northeast
B. Northwest
C. Southeast
D. Southwest

INSIDE THIS ISSUE

Monthly cover photograph winner:

Sawang Kesdangsakonwut

Department of Pathology, Faculty of Veterinary Science,

Chulalongkorn University

Answer: C

Signalment: An adult dog.

Proximal jejunum: enteritis, pyogranulomatous, transmural, segmental, severe

Pythiosis was diagnosed. Most common in the Gulf coast states, especially Louisiana, Florida, and Texas.

-Dr. Katherine D. Watson - Cover Image Editor
-Dr. M. Donald McGavin - Cover Image Composition Analyst

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MESSAGE FROM THE CEO

Dear colleagues

Welcome to the November issue of the Davis-Thompson Foundation Newsletter, masterfully prepared, as usual, by our great Managing Editors, Jeann Leal and Javier Asin. Thank you, Jeann and Javier!

November comes with a great variety of training opportunities, which are listed in these pages and also on the website of the Foundation (https://davisthompsonfoundation.org/). As usual, our training activities are offered all over the world and in several languages.

If you are attending the annual meeting of the American College of Veterinary Pathologists in Seattle in November, do not miss the many training opportunities offered by the Foundation and its associated organizations: the Latin Comparative Pathology Group and the Global Health Pathology Network. These include several seminars and the first face to face session of the new Foundations of Pathology course, which came to replace our traditional Descriptive Pathology Course. In these pages you will also find reviews of our most recent activities, diagnostic exercises, the winner of our monthly photograph contest and much more.

Finally, please remember that the Foundation is a 100% volunteer organization and the work of all our great volunteers is key to our success.

Please consider volunteering!

Looking forward to seeing you in one of our training activities.

Warm regards

Francisco (Paco) Uzal
Chief Executive Officer
Davis-Thompson Foundation

JVDI IN FOCUS

Our November focus is an open-access article appearing in the November issue: **"Synovial myxoma or myxosarcoma? Lymph node metastasis in 2 dogs"** by Imaine Glahn, Taryn A. Donovan, Christof A. Bertram.

J Vet Diagn Invest 2024;35(6).https://journals.sagepub.com/doi/full/10.1177/10406387241257254

Synovial myxoma, a rare joint tumor in dogs, has traditionally been considered benign, acknowledging that local invasion into regional tissues including bone may be present. Given the diagnostic challenges in distinguishing synovial myxoma from other joint lesions through clinical features and diagnostic imaging, definitive diagnosis relies on characteristic gross and histologic features. Within the inner surface of the joint capsule, synovial myxomas form nodules of stellate-to-spindle cells within abundant myxomatous matrix. We present here 2 cases of synovial myxoma with metastasis to regional lymph nodes and compare these 2 cases to 3 cases without evidence of lymph node metastasis. Aside from lymphovascular invasion in one case with metastasis, there were no overt histologic features of the primary tumor to suggest aggressive biologic behavior. The finding of lymph node metastasis warrants reconsideration of the term "synovial myxoma" for this neoplasm. We suggest the term "synovial myxosarcoma," considering that histologic features of the primary tumor do not predict biologic behavior. Our case series highlights the importance of lymph node sampling in suspected synovial myxosarcoma cases as well as thorough histologic examination, emphasizing careful evaluation for lymphovascular invasion.

The Journal of Veterinary Diagnostic Investigation is the official journal of the American Association of Veterinary Laboratory Diagnosticians. The mission of the Journal is to educate by informing readers of progress in veterinary laboratory medicine and related fields of endeavor. The key objectives of the JVDI are to promote the science of veterinary laboratory medicine and the betterment of animal and public health. JVDI fully supports diversity, equity, and inclusion in our publishing activities.

Editor-in-chief, Dr. Grant Maxie / https://journals.sagepub.com/home/VDI

JVDI IN FOCUS

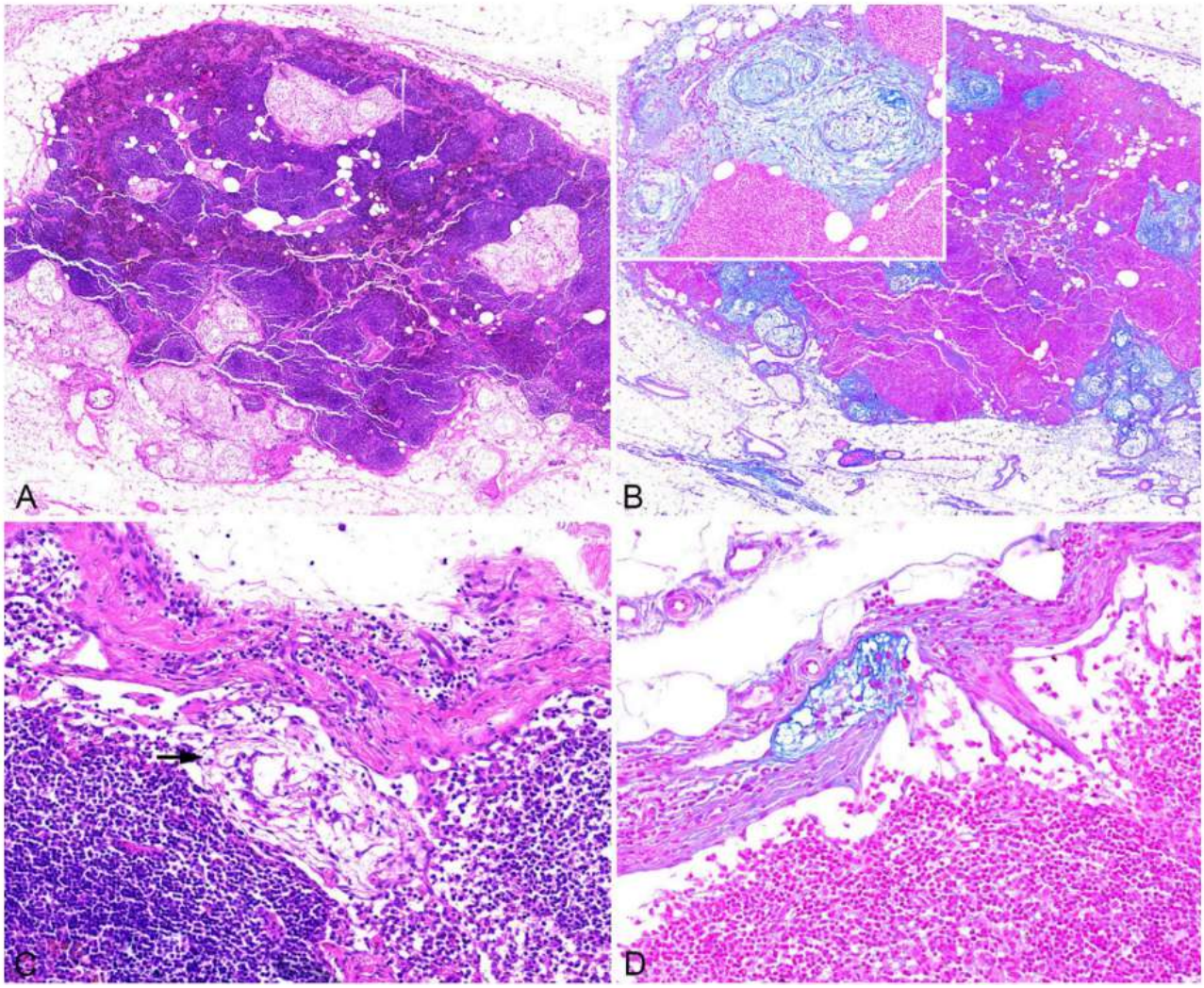


Figure 2. Histologic images of the regional lymph nodes from cases 1 and 2 of synovial myxosarcoma. **A.** Lymph node section from case 2 with metastases in the sinus system, most notably in the subcapsular sinus. H&E. **B.** Consecutive section of the lymph node in image A highlighting the production of mucinous extracellular matrix by the tumor cells. Inset: higher magnification with metastatic foci in the subcapsular sinus. Alcian blue. **C**. Lymph node section of case 1 with metastasis in subcapsular sinus (arrow). H&E. **D.** Consecutive lymph node section with metastasis in a lymph vessel extending into the subcapsular sinus. Alcian blue.

The Journal of Veterinary Diagnostic Investigation is the official journal of the American Association of Veterinary Laboratory Diagnosticians. The mission of the Journal is to educate by informing readers of progress in veterinary laboratory medicine and related fields of endeavor. The key objectives of the JVDI are to promote the science of veterinary laboratory medicine and the betterment of animal and public health. JVDI fully supports diversity, equity, and inclusion in our publishing activities.

Editor-in-chief, Dr. Grant Maxie / https://journals.sagepub.com/home/VDI

DIAGNOSTIC EXERCISE

Case #: 245; **Month:** September; **Year:** 2024

Contributors: Blanca S. de Cecco[1], Adam Moreno[2], Aliya Magee[2], Virginie A. Wurlod[2], Fabio Del Piero[1],
[1]Louisiana Animal Disease Diagnostic Laboratory, Baton Rouge, LA, United States
[2]Veterinary Teaching Hospital, Louisiana State University, Baton Rouge, LA, USA
Corresponding author: bdececco@lsu.edu

Clinical History: A 14-year-old male castrated domestic shorthair cat was presented to the Louisiana State University Veterinary Teaching Hospital for suspected seizures, incontinence, and poor body condition, and was deceased on arrival. The patient had been previously diagnosed two years earlier with severe concentric hypertrophy of the left ventricular parietal wall and interventricular septum secondary to hyperthyroidism or primary hypertrophic cardiomyopathy. Approximately 20 days prior to death, the cat presented hematuria, lethargy, increased respiratory rate and effort, and severe weight loss (approximately 2 kg). On the day of the death, the owner reported that the patient had a seizure-like episode of convulsing and falling over and became non-responsive. The owner consented to a post-mortem examination, and a necropsy was performed. .

Figure 1.

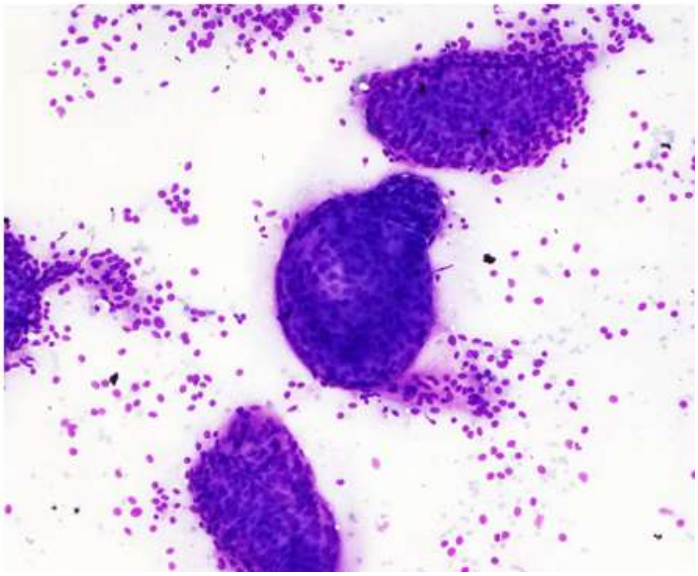


Figure 2.

DIAGNOSTIC EXERCISE

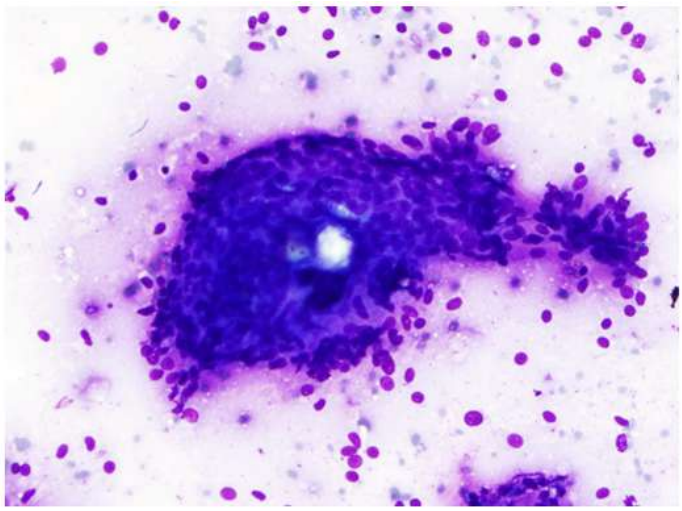


Figure 3.

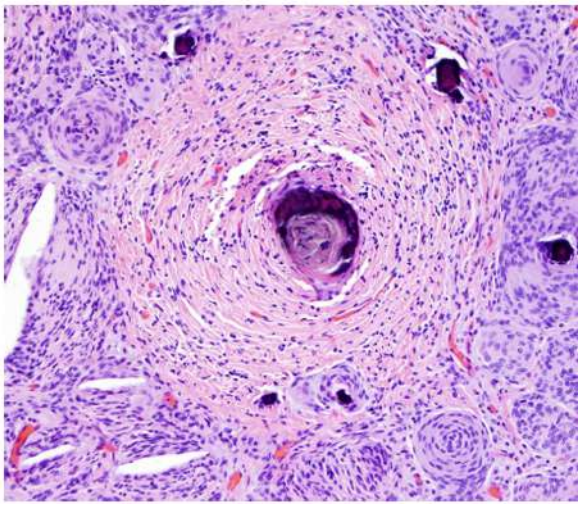


Figure 4.

Follow-up questions:

- *Description of gross, cytological and histologic features*
- *Morphologic diagnosis*

Click here for answers

The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivis on of The Davis-Thompson Foundation (DTF). These exercises are contributed by members and non-members from any country of residence. Consider submitting an exercise! A final document containing this material with answers and a brie discussion will be posted on the DTF website (https://davist-hompsonfoundation.org/diagnostic-exercise/)

Associate Editor for this Diagnostic Exercise: Saulo Pavarini
Editor-in-chief: Claudio Barros

SEMINAR REVIEWS

Report on Davis-Thompson Foundation (DTF), Ocular Pathology Workshop & XII Encontro Nacional de Diagnóstico Veterinário (ENDIVET)

by Fernanda Genro Cony and Anderson Hentz Gris

Between October 14th and 17th, 2024, the Davis-Thompson Foundation supported Dr. Ingeborg M. Langohr's participation in delivering a workshop and two invited talks during the XII National Meeting of Veterinary Diagnostics (Encontro Nacional de Diagnóstico Veterinário -ENDIVET). This event was organized by the Veterinary Pathology sector of the Federal University of Rio Grande do Sul (Setor de Patologia Veterinária – Universidade Federal do Rio Grande do Sul SPV-UFRGS) in Porto Alegre, Rio Grande do Sul (RS), Brazil.

In the morning of October 14th at the UFRGS School of Veterinary Medicine auditorium, Dr. Langohr held an ocular pathology workshop that consisted of

Figure 1. Ocular Pathology Workshop attendees

SEMINAR REVIEWS

whole-slide images of a series of complex ocular cases in dogs and cats and a gross ocular exam in mixed animal species. The workshop was attended by a group of 45 people, including undergraduate and graduate students (master's, PhD, and residency students), professors, and veterinarians. In the afternoon, Dr. Langohr joined the SPV-UFRGS team to discuss relevant diagnostic cases from their regular caseload.

Figure 2. Dr. Langohr lectures on Digital Veterinary Pathology.

The XII ENDIVET occurred on October 15th - 17th, representing a special edition to commemorate Professor David Driemeier's 30 years of dedicated service to the Universidade Federal do Rio Grande do Sul (UFRGS). The ENDIVET was held at the Theater of the Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS) in Porto Alegre, RS, bringing together renowned researchers and professionals in search of training and professional development, and promoting technological advancements within the scientific community, human resource training, and productive and socio-economic development for the country.

SEMINAR REVIEWS

The program for this special edition included two international (Dr. Langohr and Dr. Carolina Matto Romero) and nine national speakers (Dr. Renata Assis Casagrande, Dr. Roberto Maurício Carvalho Guedes, Dr. Fernando Rosado Spilki, Dr. Luciana Sonne, Dr. Marcia Cristina Bernardes Barbosa, Dr. Alexandre Secorun Borges, Dr. Leonardo José Gil Barcellos, Dr. Claudio Barros and Dr. Franklin Riet Correa Amaral) who covered topics such as scientific production and dissemination; digital veterinary pathology; Western equine encephalomyelitis; women in science; in situ hybridization usage; mineral toxicities and deficiencies; porcine enteric diseases; high-throughput sequencing for the discovery of novel viral agents; avian pathology; genetic diseases in production animals; and marine animal pathology.

Figure 3. Dr. Riet-Correa lectures about botulism.

SEMINAR REVIEWS

Dr. Ingeborg Langohr delivered two of these talks. The first addressed "Digital Veterinary Pathology", in which she discussed the concept, practical applications, advantages and limitations of this methodology, as well as the use of artificial intelligence in routine diagnostics, including practical examples and common errors with this technology.

The second talk focused on the “Use of In Situ Hybridization in Pathology.” In this presentation, Dr. Langohr explored the various in situ hybridization techniques available on the market (including RNAscope™ and HCR™ RNA-FISH) and discussed their advantages and limitations, with practical examples for diagnostics.

Figure 4. Dr. Barros lecturing.

The event had 254 participants who had the opportunity to exchange ideas with professionals, academics, and colleagues from different regions of Brazil and abroad, fostering a broad network among the attendees. The XII ENDIVET also featured 203 e-poster presentations on digital signage display,

SEMINAR REVIEWS

the abstracts of which will be published in a supplement of the journal “Pesquisa Veterinária Brasileira”. The top 10 abstracts were also presented orally to all participants, with awards given to the top three.

Despite the flooding in Porto Alegre and the surrounding region in May 2024, which led to airport closures and created challenges for participants to access the XII ENDIVET, the event was ultimately a success. This biannual gathering reaffirmed its status as a national reference in veterinary diagnostics, offering a valuable environment for knowledge exchange and collaboration among professionals, researchers, and students. Thanks to the support of the Davis-Thompson Foundation, Dr. Ingeborg Langohr was able to contribute to this event with valuable insights on advanced technologies in veterinary pathology, reinforcing the importance of innovation and scientific advancement in the field. This special edition of the ENDIVET also celebrated Professor David Driemeier’s career and contributions and strengthened the collective commitment to advancing veterinary diagnostics in Brazil and worldwide.

SEMINAR REVIEWS

Report on 2024 AAVLD Annual Meeting Davis-Thompson Pre-Meeting Workshop: Dermatopathology: more than skinny layers

October 11 at the Gaylord Opryland Resort & Convention Center.
Nashville, Tennessee

by Francisco Uzal, Course Director

Our two speakers, Drs Aline Rodrigues Hoffmann and Dominique Wiener, did a fantastic job that kept the audience of pathologists and trainees mesmerized during the whole day. The two worked like a well-oiled and synchronized machine, and walked the attendees through all aspects of dermatopathology in small and large animals. The first joint lecture on “Pattern analysis and species differences” set the tone for an incredibly didactic and educational workshop. They continued with the description of a wide variety of skin diseases which were beautifully illustrated with photographs and descriptions of previously scanned slides. The audience unanimously agreed that these two incredibly knowledgeable colleagues explained the sometimes complicated aspects of dermatopathology in a very simple and easy to understand way. Thank you Aline and Dominique!

Figure 1. Speakers and volunteers. From left ro right: Melissa Macias, Eileen Henderson, Aline Hoffman, Mike Dark (at the back), Dominique Wiener, Paco Uzal, Rafaela DeNegri, Evelyn Cotton, Javier Asin

GHPN INFORMATION SESSION

Global Health Pathology Network (GHPN) Information Session at the ACVP meeting

GLOBAL HEALTH PATHOLOGY NETWORK

Have you heard of the GHPN?

The GHPN is an organization that operates under the umbrella of the Davis-Thompson Foundation and fosters engagement of veterinary pathologists in Global Health

This year, there will be an information session about the GHPN at the ACVP/ASVCP meeting in Seattle, WA but with a special focus on hybrid diagnostic pathology training with colleagues at the University of Veterinary and Animal Sciences (UVAS) in Lahore, Pakistan

Tuesday, November 19, 2024

4-5 PM (PT)

In person

Hyatt Regency Hotel, Seattle, WA

Click **here** for more information

Ishtiaq Ahmed
DVM, Msc(Hons), PhD

Tony Alves
DVM, DACVP

Sarah Corner
DVM, PhD, DACVP

GHPN SCHOLARSHIPS

DTF-GHPN Education Scholarship For Select DTF On-Line and/or Course Material

Background. The Global Health Pathology Network (GHPN), under the umbrella of the Davis-Thompson Foundation (DTF) for Veterinary Pathology, conducts workshops in resource-constrained settings focused on enhancing veterinary diagnostic abilities using interactive educational modalities and adult learning principles. In part, the success of the GHPN training workshops is built on the successes of in-country veterinary pathologists and professionals in various locations worldwide. Consequently, to expand the sphere of the network through the development of capable, motivated professional cadre, the GHPN recognizes the importance of practicing professionals to have the opportunities for continued professional development.

Objective. Through GHPN's alignment with the DTF, the DTF will offer up to 10 educational scholarships to attend select DTF on-line courses and/or have access to the course material at no-cost.

Application Criteria. All applicants must prepare a 2-3 paragraph statement (no more than 300 words) addressing the following:

- Biographical information to include current work or academic history
- Reason(s) for applying for the DTF educational scholarship
- If awarded, the applicant's willingness to host a future GHPN workshop in his/her country.

Selection procedures and policies. GHPN leadership will screen all applications and submit the qualified applicants to the DTF for recommendation and final approval. Scholarship selection is based on the assessment of the applicant's statement and will be determined based on several factors

GHPN SCHOLARSHIPS

to include relevant background, aptitude, training and mentorship abilities in veterinary pathology and animal health. The applicant's current location of employment and/or training will also be considered to ensure equitable distribution of scholarship opportunities in the given year. Applicants should send applications 30-60 days prior to the beginning of the course to allow for adequate review of the application. A list of upcoming and/or recurring select courses can be found under "Events" tab on the DTF website: https://davisthompsonfoundation.org/

Application Procedures Questions and Answers:

Q: Where and when are applications available/due?

A: Open registration; applications can be received at any time

Q: Where should applications be sent?

A: A signed PDF or word document paragraph statements are sent to GHPathNetwork@gmail.com

Q: What additional information/documents must accompany the application?

A: None; the signed paragraph statement is the only item required

Q: How and when will the scholarship award winners be notified?

A: Award winners will be notified via electronic correspondence sent to the email address in the paragraph statement

Q: When can the educational scholarships to attend select DTF on-line courses and/or have access to the course material be used?

A: Once awarded, the scholarship can be used at any time over a 365 day period from the date at which the scholarship is awarded. Any additional questions regarding the DTF-GHPN educational scholarships and/or the GHPN general can be submitted to GHPathNetwork@gmail.com

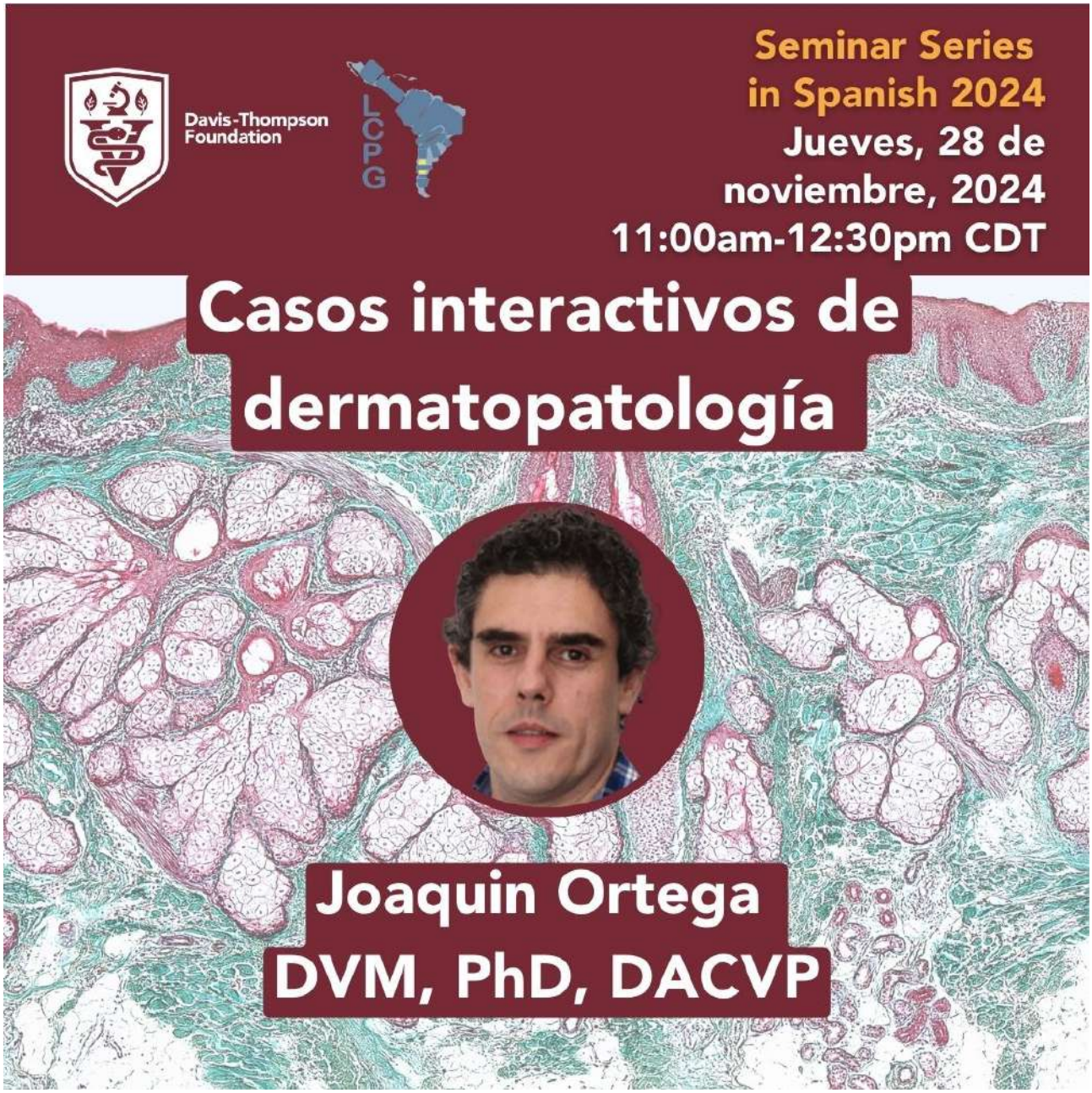
GROSS & HISTO SEMINARS ABVP

Click here to register

RODADAS DE HISTOPATOLOGIA DA LCPG

Click here to register

SEMINAR SERIES IN SPANISH



Click here to register

NECROPSY COURSE

Click here to register

ACVP 2024 PRE-MEETING WORKSHOP

Did you miss the online pre-registration deadline?
You can still register on site the day of the event!

WESTERN ROUND ROBIN CASE

CONTRIBUTING LABORATORY:

Pathology Veterinary Service of Buenos Aires University, Buenos Aires, Argentina.

Signalment and clinical history:
Tissue from a dog (11 years-old). The animal presented bilateral mucus nasal discharge, sneezing and tachypnea. Small biopsies of nasal mucosa were submitted to the Pathology Veterinary Service of Buenos Aires University, Buenos Aires, Argentina.

Histopathologic description (H/E):
Nasal mucosa: Several parasites were present on the surface of the epithelium, which was hyperplasic. Morphologically, the nematodes showed a thick eosinophilic cuticule, hypodermal bacillary bands, and stichosome. The mature female worms contained several operculated barrel-shaped eggs inside the genital tract. The lamina propria was diffusely infiltrated by eosinophils, plasma cells and lymphocytes. Some eosinophils migrated through the mucosa, and surrounded the parasites on the epithelium surface. Multifocal areas of globet cell hyperplasia were also noted.

Morphologic diagnosis:
Nasal mucosa: Diffuse eosinophilic rhinitis, severe, sub acute, with intralesional parasites compatible with *Eucoleus boehmi.*

Etiology: *Eucoleus boehmi*

Name of the disease: Nasal capillariasis

Click here to see this slide in Noah´s Slidebox

WESTERN ROUND ROBIN CASE

Comments:

Nasal capillariasis is an uncommonly diagnosed parasitic infection, described for the first time in foxes, and rarely reported in domestic dogs (2). This parasite lives in the epithelium of the nasal turbinates of wild and domestic canids (2). Depending on parasite load, dogs may have mild upper respiratory signs or may not exhibit any clinical signs (2). Little is known about the distribution of *Eucoleus boehmi* in canids in Argentina and there are few reports in our country (3, 5). The life cycle of E. boehmi is not known, but it is believed that adult females lay eggs that are swallowed and shedded via feces in the environment. The definitive host acquires the infection by ingesting larvated eggs and/or earthworms acting as paratenic or facultative intermediate hosts (4). Infections by *E. boehmi* are increasingly reported in domestic carnivores around the world, probably as a result of the access to wild environments and the arrival of wildlife to urban and peri-urban areas (4).

In these particular case, the rhinoscopic evaluation revealed mildly hyperemic and edematous nasal mucosa, and the presence of serpentine-shaped and white adult worms, localized on turbinate surface. Only few reports have described the adult nematodes in detail (6, 7).

A fecal sample was evaluated by flotation procedures. Numerous bioperculate ova characteristic of *E. boehmi* were identified. It can be challenging to differentiate between ova of *E. boehmi* and those of the lung worm *E. aerophilus*, and the intestinal whipworm *Trichuris vulpis* (1). The egg surface is marked with delicate pits giving it a porous appearance. This feature distinguishes *E. boehmi* from the other capillarid eggs. In addition, ova from *E. boehmi* have already undergone partial embryonation of the developing larvae and this development causes the enclosed embryo to retract from the shell (1).

Infection with nasal worms should be considered in the differential diagnosis for chronic nasal discharge. This case illustrates the characteristic histopathologic appearence of the nematodes within the nasal mucosa. Specific diagnoses procedures, including coprological, rhinoscopy and histopathology should be considered to rule out this disease.

WESTERN ROUND ROBIN CASE

References:

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2) Alho, A., Mouro, S., Pisarra, H., Murta, A., Lemos, M., Gomes, L., Lima, C., Madeira de Carvalho, L., 2016. First report of *Eucoleus boehmi* infection in a dog from Portugal. Parasitol. Res. 115, 1721-1725.

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6)González, P., Taba, E., González, G., Guendulain, C., Caffaratti, M., Bessoni, A., Perez Tort, G., 2014. Primera comunicación de la parasitación de un canino con *Eucoleus boehmi* en Argentina. Redvet. 15, 1-11.

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Submitter: Gabriela C. Postma and Leonardo Minatel
Acknowledgments: Dra. María Cecilia Ricart

ASVP CORNER

Click here to register to individual seminars

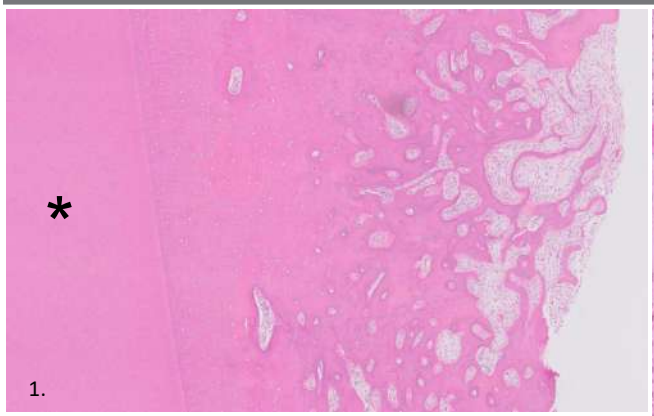
ASVP CORNER


Davis-Thompson Foundation
ASVP
Australian Society for Veterinary Pathology
TARONGA ZOO
AAPSP
Australian Animal Pathology Standards Program
Australian
Descriptive Veterinary Pathology course
Mar 31 to Apr 4, 2025
In-person at the beautiful Taronga Zoo in Sydney!
JEY KOEHLER
DVM, PHD, DACVP
LINDEN CRAIG
DVM, PHD, DACVP
PATTY PESAVENTO
DVM, PHD, DACVP
• Interpretation and description of gross, macro-micro, microscopic, and ultrastructural lesions
• Image interpretation
• Histo tests
• Peer grading assessments

IDEXX CASECONNEXX CORNER

Signalment: 12 year old female spayed Labrador Retriever dog

Source/ History: Gingival ulceration associated with 208 tooth noted during dental examination. Radiographs reveal reduced bone opacity associated with tooth roots. Bone is soft and friable upon biopsy. Full mouth dental radiographs reveal widespread alveolar bone density changes, tooth root resorption, and/or dentoalveolar ankylosis.



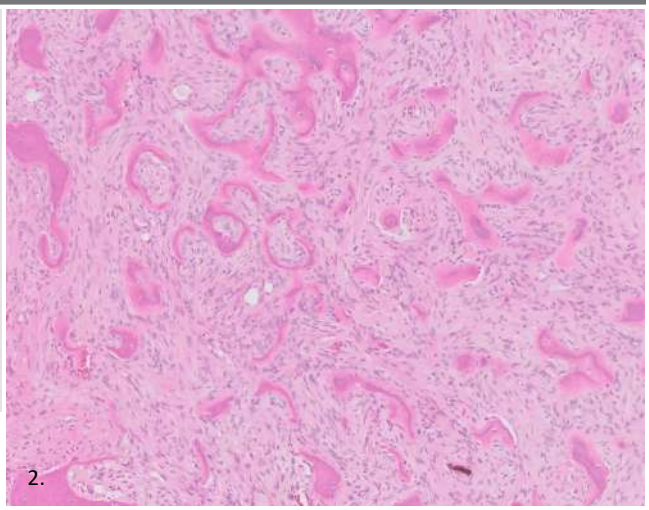


Figure 1. Abundant cemento-osseous matrix with interceding spindle cells expanding from the tooth root surface (black asterisk = tooth root). 10X magnification. **Figure 2.** Curvilinear deposits of cemento-osseous matrix with interceding plump but bland spindle cells. 20X magnification.

Histopathologic Description:
Tooth and alveolar bone, 208: Markedly expanding from and closely associated with the surface of the tooth root, and causing multifocal tooth resorption and lysis of the surrounding bone, there is a moderately cellular proliferation of plump but monomorphic and minimally atypical spindle cells that form streams between abundant anastomosing curvilinear deposits of cemento-osseous matrix. These matrix deposits are often lined by an outer layer of osteoid-like matrix. The interceding spindle cells have poorly distinct cell borders, pale eosinophilic fibrillar cytoplasm, and an oval to elongate nucleus which contains finely stippled chromatin and an indistinct nucleolus. There is minimal anisocytosis and anisokaryosis and no mitotic figures are observed in 2.37 mm2.

Interpretation:
Tooth and alveolar bone, 208: Spindle cell proliferation, with abundant cemento-osseous matrix deposits, consistent with dysplastic alveolar bone (a.k.a cemento-osseous dysplasia, dysplastic bone and cementum)

Comments:
Histopathology of this lesion revealed a fibro-osseous spindle cell proliferation with histological features most consistent with an uncommon condition known as dysplastic alveolar bone. Primary differentials for this syndrome are a highly productive well-differentiated osteosarcoma, oral fibrosarcoma, fibrous osteodystrophy, ossifying fibroma, and fibrous dysplasia. However, the repeatable pattern of curvilinear cemento-osseous matrix deposits and plump but minimally atypical spindle cells closely associated with tooth roots, in combination with the reported radiographic and clinical findings in this case, is typical of dysplastic alveolar bone. Dysplastic alveolar bone is considered a benign, reactive, nonneoplastic, proliferative disease process of uncertain pathogenesis, but maybe related to previous trauma, tooth extraction, or chronic periodontal disease. These lesions can be clinically silent or can present as a subgingival swelling and/or regions of soft spongy bone encountered during tooth extraction. This lesion is generally poorly characterized in veterinary species, but may be analogous to the recognized human condition of cemento-osseous dysplasia. This condition has been reported to occur in dogs, cats, and horses. Dysplastic alveolar bone results in poorly demarcated alterations in regional bone opacity associated with alveolar bone and tooth apices/roots or at sites of previous tooth extractions; this lesion can be multifocal and there is often radiographic evidence of tooth resorption, hypercementosis, and/or dentoalveolar ankylosis. The behavior of this lesion is poorly characterized, and it is not known whether this is a progressive condition. In some cases, the lesion may be multifocal (florid) and/or periapical (periapical).

References:
Soltero-Rivera M, et al. (2015) Benign and malignant proliferative fibro-osseous and osseous lesions of the oral cavity of dogs. Vet. Path., 52 (5):894-902.; Dittmer K, et al. (2021). Tumors of Bone, Cartilage, and Other Hard Tissues. Davis-Thompson Foundation, p. 304.

Case by
Luke Haydock, BVSc (Dist.), DVSc, DACVP

LCPG CORNER

2024 DTF-LCPG ACTIVITIES IN LATIN AMERICA

Country	Name of Seminar	Dates	Place/University	Speakers	Organizers
Argentina	XVIII Seminar of the Argentinean Subdivision of the Davis-Thompson Foundation and XII Forum on Teaching Veterinary Pathology.	Aug 22-23	Rosario, Argentina. Facultad de Ciencias Veterinarias, Universidad Nacional de Rosario	Francisco Uzal, Fabio Vanucci, Pablo Piñeyro, Luary Carolina Martínez Chavarría	Leonardo Minatel
	Latin American roadshow: Gastrointestinal pathology	Oct 24-25	Buenos Aires, Argentina. Universidad de Buenos Aires.	Francisco Uzal	Leonardo Minatel
Brazil	2024 Brazilian Symposium of the DTF - Pathology of zoo and wildlife	Sept 20-22	Universidade Federal de Minas Gerais - Belo Horizonte, MG, Brazil	Denise McAloose	Renato de Lima Santos / Ayisa Rodrigues de Oliveira
Chile	Pathology of wildlife	Aug 8-9	Valdivia, Chile. Universidad Austral de Chile	Mauricio Seguel, Enrique Paredes, Mauricio Navarro, Manuel Moroni.	Mauricio Navarro
Colombia	Latin American roadshow: Gastrointestinal pathology	Nov 1-2	Barranquilla, Colombia. Universidad San Martin	Francisco Uzal	Paola Barato
Costa Rica	Workshop in freshwater fish medicine and pathology in Latin America	Mar 27-28	San Jose, Costa Rica. Escuela de medicina y cirugia veterinaria San Francisco de Asís	Esteban Soto, Paola Barato	Roberto Olivares
Guatemala	Latin American roadshow: Gastrointestinal pathology	Nov 4-5	Ciudad de Guatemala, Guatemala. Universidad de San Carlos.	Francisco Uzal	Deborah Rodriguez
México	IV on-line necropsy course	Apr 8-19	México (On-line)	Elizabeth Rodríguez, María del Carmen Carmona, Alfredo Pérez, Mario Bedolla, Carlos González, Elizabeth Morales, Gerardo Salas, Mireya Juárez, Luis García-Márquez, Diana Galván, Rubén López, Laura Romero, Francisco Carvallo.	Ruben Lopez
	V seminar of the Mexican subdivision of the Davis-Thompson Foundation	Oct 17-18	Tamaulipas, México. Universidad Autónoma de Tamaulipas	Mario Bedolla, Luis Jorge García, Luis Mario Leyva, Alfonso López, Julio Martínez, Elizabeth Morales, Rafael Ramírez	Ubicelio Martin
	Workshop in freshwater fish medicine and pathology in Latin America	Nov 21-22	Faculta de Medicina Veterinaria y Zootecnia, Universidad Nacional Autónoma de México.	Esteban Soto, Paola Barato	Ruben Lopez
Paraguay	Latin American roadshow: Gastrointestinal pathology	Oct 28-29	Asunción, Paraguay. Universidad Nacional de Asunción.	Francisco Uzal	Leila Maidana, Mirtha Suarez
Uruguay	Latin American roadshow: Gastrointestinal pathology	Oct 21-22	Montevideo, Uruguay. Universidad de la Republica.	Francisco Uzal	Jose Manuel Verdes
Venezuela	II Seminar of the Venezuelan Subdivision of the Davis-Thompson Foundation	Jul 18-19	Barquisimeto, Venezuela	Francisco Uzal, Joaquín Ortega, Yaritza Salas	Yaritza Salas

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Seminar Series in Spanish 2024

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seminarios en español 11:00am-12:30pm CDT

ABR 17 COMPLETED

Neoplasias de mastocitos
Valeria Grieco, DVM, PhD

JUN 20 COMPLETED

Fotografia macroscopica en la sala de necropsias
Lluís Lujan, DVM, PhD, Dipl. ECVP

AGOS 15 COMPLETED

Patologia forense veterinaria: Generalidades y el caso de la asfixia
Carlos Gonzalez, MV, MPhil, PhD

SEPT 12 COMPLETED

Sarcomas de tejidos blandos: del patólogo al oncólogo
Federico Cifuentes, MV, MSc, DrCs, DACVP
Rodrigo Crossley, MV, MS

NOV 28

Casos interactivos de dermatopatología
Joaquin Ortega, DVM, PhD, DACVP

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Secretaría de Educación Continua
Departamento de Medicina y Zootecnia de Abejas, Conejos y Organismos Acuáticos
Curso teórico-práctico
Medicina y Patología de Peces en América Latina
21 y 22 Noviembre, 2024
21 noviembre TEÓRICO de 8 a 18:30 h
MODALIDAD HIBRIDA
Presencial Auditorio Pablo Zierold Reyes 200 asistentes
En línea zoom 300 participantes
Esteban Soto
MSc, DVM, PhD, Dipl. ACVM, CertAqV
22 noviembre PRÁCTICO 15 asistentes de 9 a 12 h 15 asistentes de 14 a 17 h
Presencial FMVZ-UNAM incluye material
Paola Barato
DVM, Esp, PhD
Registro de inscripción del 9 de septiembre al 8 de noviembre
Fecha límite de pago: 11 de noviembre
REGISTRO A AMBAS MODALIDADES
REGISTRO: https://forms.gle/cYN2eLPeCSbcovUp7
Envío del link para ZOOM: 13 de noviembre
Envío de aprobaciones para unirse al evento: 18 y 19 de noviembre
Teórico-práctico
$1600.00 Nacionales
90 USD Extranjeros
Teórico
$800.00 Nacionales
45 USD Extranjeros
Entregar copia de identificación
Taller orientado en anestesia, eutanasia y toma de muestras diagnósticas en peces ornamentales y de consumo
Coordinadoras Académicas: M en MVZ. Ma. De la Luz Chavacán Ávila / Dra. Ariadne Hernández Pérez INFORMES:arivet@unam.mx

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SAVE THE DATE
XIV
REUNION ARGENTINA
DE PATOLOGIA VETERINARIA
24, 25 Y 26 DE SEPTIEMBRE, 2025
Actividades pre jornada el 23!
ORADORES: DON MEUTEN, CLAUDIO BARBEITO, JUAN MICHELOUD , FRANCISCO UZAL Y MÁS
EVENTOS PREVIOS
Taller de escritura cientifica
Encuentro SAOV
EVENTOS ESPECIALES
Seminario de casos misteriosos
EN PERSONA
UNIVERSIDAD CATOLICA DE CORDOBA, ARGENTINA
SAOV
SOCIEDAD ARGENTINA DE ONCOLOGIA VETERINARIA
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LCPG session at 2024 ACVP/ASCVP in Seattle.

Monday November 18, 12-2.30 pm

Everybody is invited!

The Latin Comparative Pathology Group (LCPG) offers a session (in English) at each ACVP/ASVCP Annual Meeting, providing educational and networking opportunities for all pathologists. The program of this year is provided below. Both the scientific presentations and the business meetings are open to everyone.

12:00-12:10pm. Welcome!

12:10-1pm
The Evolution of Uncertainty in Surgical Pathology and How to Manage It
Paul Stromberg, DVM PhD DACVP
The Ohio State University

This lecture will be based on Dr Stromberg's recent essay series, "Uncertainty in Diagnosis and its Management," which were recently published in the Davis-Thompson Foundation Newsletter with very positive feedback.

1-1:15pm
Case Presentation: Staphylococcal Arthritis in Horses
Carlos Schild DVM, MSc, PhD.
California Animal Health and Food Safety Laboratory

1:15-1:30pm
Case Presentation: Tenacibaculosis and Secondary Ecto/Endoparasites in Four Monkeyface Prickleback (*Cebidichthys Violaceus*)
Hernando Acevedo DVM
California Animal Health and Food Safety Laboratory

1:30-2:30om
LCPG business meeting.

MISCELLANEOUS ANNOUNCEMENTS

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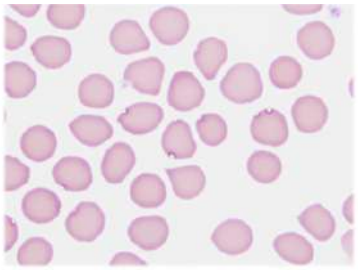

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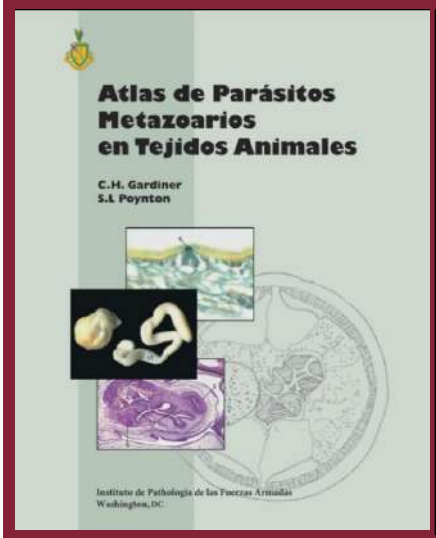

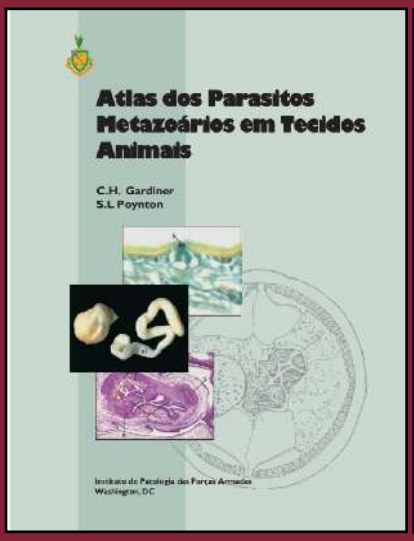

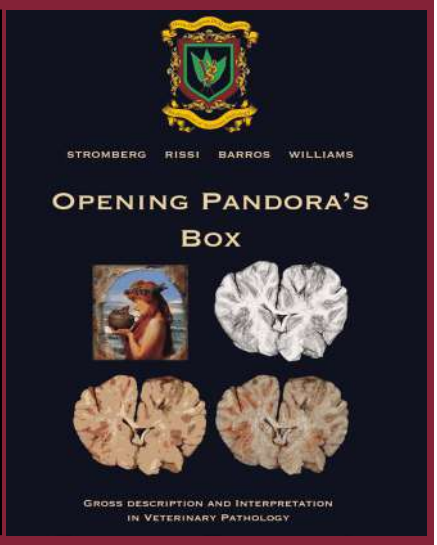

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Davis-Thompson Foundation Pathology Externship

Since 1980, the Davis-Thompson Foundation lab sites have hosted more than 125 veterinary students at 8 participating diagnostic laboratories. These students usually have a strong interest in pathology itself or zoo or poultry medicine that require a strong pathology background. The Foundation is always interested in having veterinary students apply for an externship and we would like to add more externship sites that do not usually have veterinary students, to help increase their interest and knowledge of pathology with some off-campus experience. For more information, contact Dr. Jim Britt, **jobritt@sbcglobal.net;** 501-912-1449.