



Newsletter of the
International Society of
Veterinary Ophthalmology (ISVO)
July 2020

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We are happy to announce the following companies share our enthusiasm to serve as a link among all veterinarians with an interest in Veterinary Ophthalmology around the world:



www.tonovet.com

Affiliated Organisations



Editorial

Veterinary Ophthalmology meetings in the pandemic crisis

All of us, dedicated to veterinary ophthalmology have been directly involved by the pandemic COVID-19 from the professional and human point of view. Some of us are still in trouble, some

lost family members or friends.

The national and international health rules limit our chance to meet and communicate, but new experiences give rise to a new approach to the way we live and work. We must be able to adapt and find ways to manage and keep living and working as before.

Hence the spread of virtual communication with dozens of webinars in most countries and the planning of online meetings involving outstanding speakers and thousands of participants.

Hence the continuous changes and cancellations of events and the difficulty we have to make an updated list to be published in *The Globe*.

The organizers are doing their best to keep planning their meetings or find alternatives, we are grateful for their involvement in such difficult work.

Claudio Peruccio
Editor, *The Globe*
Torino, Italy



The President's Letter

Dear ISVO members,

Since the beginning of the year we have been working on a few changes to the ISVO:

- I am glad to announce that we have recently established a Steering Committee, which consists of representatives from the different organizational members. The Steering Committee will help plan our future

activities and improve our ability to collaborate and serve our membership around the world.

- Starting this year, the ISVO will provide its members with an annual Membership Certificate. Once the certificate is ready for distribution (in the near future), we will provide details on our website (www.isvo.info/membership), so stay tuned!
- Lastly, we are currently working on refreshing our website, bringing its design up to date and adding features "behind the scenes" that will improve membership enrolment, and more.

The current and ongoing COVID-19 situation is affecting conferences and activities of our community on a local, national, and international level. As such, at this time the ISVO is checking the possibility of hosting an international, monthly on-line meeting to engage ophthalmology enthusiasts with case-presentation and discussions. So, please be sure to check the "Events" section on our website for updates (www.isvo.info/events).

I hope that by this time the pandemic situation is getting better in your area. Please stay safe and take care of yourselves!

Sincerely,
Gil Ben-Shlomo
ISVO President,
Cornell University, USA



Obituary

The memorial to Dr. Fukui

Dr. Masanobu Fukui passed away on Feb. 27, 2020, aged 90. He worked as an Executive Member of ISVO in the 1990s. I'd like to express my condolences and provide here a synopsis of his career.



Dr. Fukui received his PhD from Tokyo Univ. graduate school in 1958, researching and teaching at both private and public institutions using experimental animals.

After retiring, he focused his attention on the study and diagnosis of canine hereditary eye disease on a global scale, continuing his study at annual meetings of the ISVO and ACVO. He was also involved in launching the Japanese Society of Veterinary and Comparative Ophthalmology (1981).

Here we have three messages from Drs. Gary Brian, Chung-Tien, and Claudio Peruccio regarding Dr. Fukui.

At the last part is his manuscript sent to a Japanese veterinary journal in 2005. In his message, he encouraged young Japanese veterinary ophthalmologists to attend international congresses and meetings.

We cannot be too grateful to this great mentor.

June 2020
Akihiko Saito

Remembrances of Dr. Fukui

Veterinary ophthalmology lost a pioneer in the recent passing of Dr. Masanobu Fukui, and I lost a dear friend. We met in Japan in the early 1990s, and over many subsequent years, my wife Nancy and I delighted in seeing Dr. and Mrs. Fukui at the annual meetings of the American College of Veterinary Ophthalmologists. They were a wonderful couple, who embraced a spirit of adventure and zest for learning about people and places around the world.

Dr. Fukui was a gentle man: soft spoken, polite listener, and immensely supportive of his students and professional colleagues. He was well respected as a teacher, researcher, and clinician, but more, he served as a sort of ambassador, working tirelessly to forge relationships and advance excellence in the relatively young specialty of ophthalmology in Japan and beyond.

Dr. Fukui was a leader in veterinary ophthalmology, first in Japan, then internationally. My office wall bears a plaque that signifies my status as an honorary member of the Japanese College of Veterinary and Comparative Ophthalmologists. It is dated 1994, and signed by Masanobu Fukui. I was and still am honored by that recognition.

With many great memories,

Gary M. Bryan, DAVCO
United States

○○○○○○

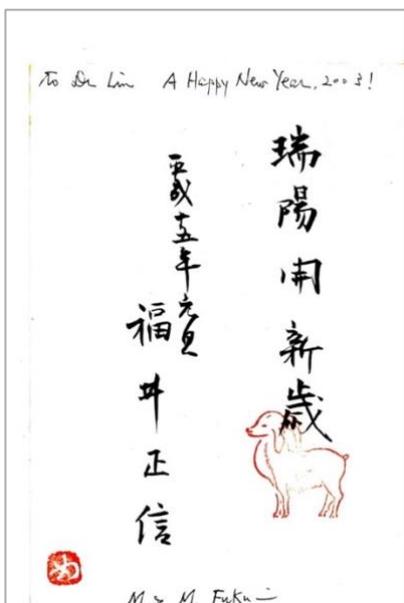
I am very sorry to hear the very sad news about the passing of Dr Fukui.

We met each other at the ACVO conferences about 15~20 years ago. He is a very nice and kind gentlemen. He wrote to me around 15~20 years ago. He mentioned that he lived and studied in Taipei, Taiwan when he was young. I tried to find his letter, but could not find it these days, but I am attaching this post card he sent to me.



He lives in my heart.

My deepest sympathies and condolences to his family and friends in Japan for the loss of Dr Fukui. Please pass my warmest regards and deepest sympathy to his family!



Thank you and best regards.

Chung-Tien

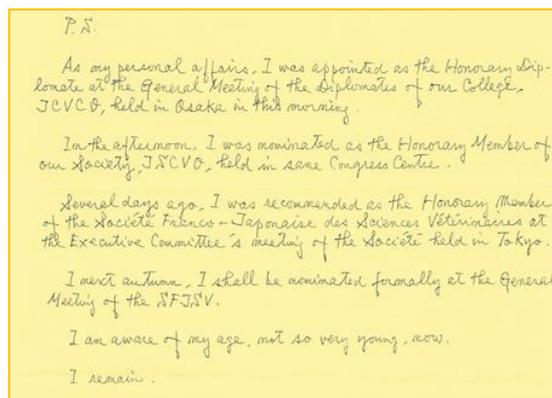
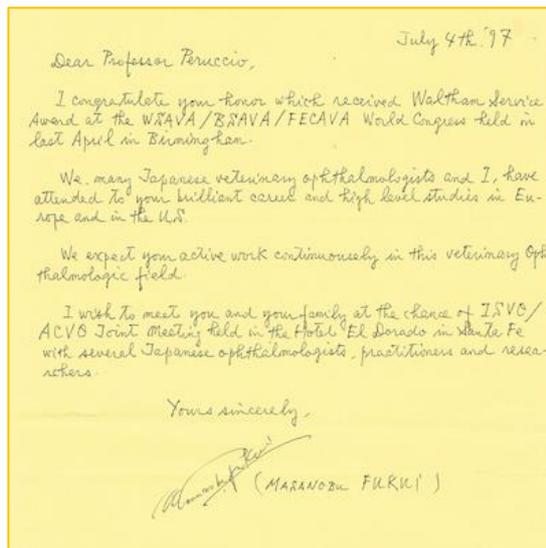
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I have good memories of Dr. Masanobu Fukui, always present to represent Japan at the ISVO meetings. He has been an active member of the ISVO Executive Committee from 1991 till 2004, a great supporter and advisor to me, very interested in promoting the study of veterinary ophthalmology in all countries.

<p>THE</p> <h1 style="margin: 0;">GLOBE</h1> <p>Newsletter of the International Society of Veterinary Ophthalmology Summer 1991, Volume 2, Number 4</p>	
<p>ISVO EXECUTIVE COMMITTEE</p> <p>Past President Kristina NarfströmSweden</p> <p>President Claudio PeruccioItaly</p> <p>President Elect Frans StaudesThe Netherlands</p> <p>Secretary Robert MungerUSA</p> <p>Treasurer Lloyd HelperUSA</p> <p>Members Bernard ClercFrance Masanobu FukuiJapan Robert PeifferUSA</p>	<p>IN THIS ISSUE</p> <p>EDITORIAL Letter from the President Letter from the Secretary</p> <p>LITERATURE REVIEW</p> <p>COMING EVENTS</p> <p>NEWS FROM FROM THE CONGRESSES</p> <p>VIEW POINT</p> <p>PERSONALS</p> <p>HISTORY</p>

Dr. Fukui was a kind, sensitive man with the typical Japanese education showing respect, humility and greatness of soul.

It was my privilege to have friendly relationships with him and to periodically receive his letters keeping me updated about the main events of his life and career.



Dr. Fukui had an important role in the growth of Veterinary Ophthalmology in Japan and in the development of international relationships around the world.

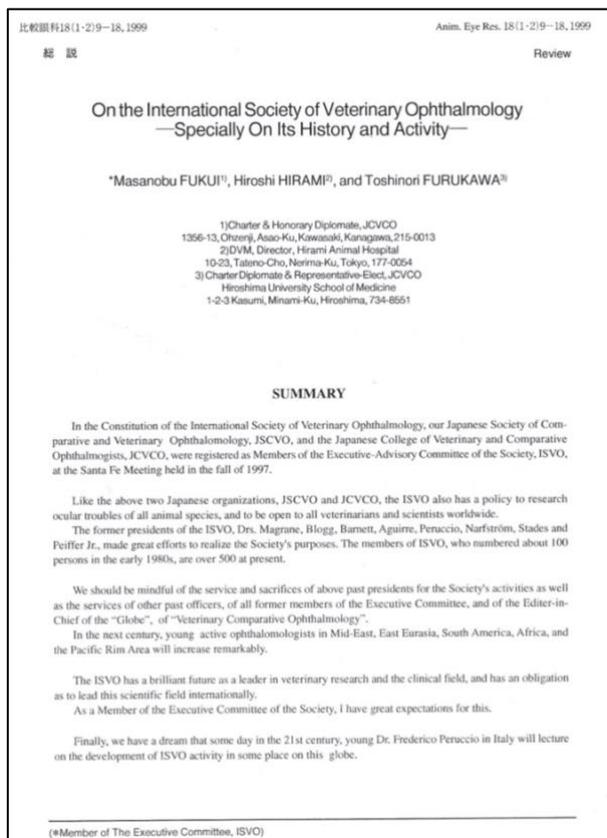
The ISVO has lost a great active member, always present at the international events with interesting contributions.



THE INTERNATIONAL SOCIETY OF VETERINARY OPHTHALMOLOGY
1991 CONGRESS
In conjunction with the Meeting of the World Small Animal Veterinary Association

OCTOBER 1-2, 1991 • VIENNA, AUSTRIA

14.20- 14.40 **The tigroid ocular fundus of a subspecies of Japanese monkey, *Macaca fuscata yakui*, living on Yakushima island in Japan**
M. Fukui, K. Fujiwara, S. Gotoh and J. Adachi, Japan



Please dedicate some time to read the following professional message he wrote for all of us.

Claudio Peruccio

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To young veterinarians who wish to be specialists (*Manuscript received April 4, 2005*)

Masanobu Fukui†

(*Executive Director, International Society of Veterinary Ophthalmology; Member, Tokyo Veterinary Medical Association*)

Professors of veterinary ophthalmology in Europe and North America, longstanding friends of mine since the 1960s-70s, have recently been pulling back from the front lines.

Half of the noted scholars who pioneered the field are no longer practicing or have passed away, leaving the distinct impression that personnel in veterinary ophthalmology's "second generation" have reached retirement age. It's only a matter of time, which shows no signs of abating. Nonetheless, those pioneers have made remarkable achievements, and young researchers and clinicians from Europe and North America are likely to eclipse their predecessors. In reality, though, identifying truly exceptional personnel is quite difficult.

Since the early half of the 80s, I have continued to attend conferences around the world and to

make presentations mainly at the International Society of Veterinary Ophthalmology (ISVO) almost every year. Since the advent of the 90s, I have served as a board member of the ISVO. I have offered to retire as soon as possible to make way for newcomers, but reaching agreement has been difficult. This may be due to a lack of language skills. Sixty years ago, mastering a foreign language was considered unnecessary. The consequences of this hubris are being felt today.

Since the latter half of the 90s, Japanese veterinary ophthalmologists have gradually attended conferences overseas and continued to make presentations. Some Japanese veterinary ophthalmologists have been praised abroad and they have obtained a certain status.

In addition, young university students and graduate students have striven forward. As a result, one such student was awarded a "prize" at a conference in North America in 2004. This is a delight for me as a forerunner in veterinary ophthalmology.

A clinician in the Tokyo area who has been lauded for his achievements in orthopedics as well as in comparative ophthalmology has repeatedly spent time at a world-famous clinical facility in the French city of Lyon, and his ability have been praised by European specialists. Much is expected of the clinician's young staff members, who will be spending time in and training in France. Such quiet dedication and interaction are likely to eventually bear fruit.

Once a person achieves a certain status and is recognized in Japan, he or she tends to become complacent; this sometimes happens overseas as well. However, domestic veterinary medicine should, like other fields of science, constantly compare itself to its foreign counterpart, maintain its standards, and constantly strive to learn preeminent skills and knowledge. Japanese specialists should definitely not have "a closed mind."

About 10 years ago in July 1996, Professor Bedford of the UK's Royal Veterinary College called for "the study and diagnosis of canine hereditary eye diseases on a global scale" during the opening ceremony of the World Veterinary Congress (Yokohama). In response, I developed "mass eye screening" at various locations in Japan. The incisive opinions and advice I received primarily from specialists in Europe and North America were a great help. Those were informal remarks which I promised to keep private, so I heard their honest opinions and received valuable information unlike what I would have received if I was presenting a paper. My interactions over close to 30 years might be expected to yield modest

results, but once I gained the trust of those specialists I was surprised to hear their frank remarks, which was a rare experience. This allowed me to make fine course corrections and to analyze and understand deficiencies overseas; I gleaned an unexpected bounty.

Here, I'll mention another episode resulting from those continued interactions. A joint congress of the British Association of Veterinary Ophthalmologists, the ISVO, and the European College of Veterinary Ophthalmologists (ECVO) was held in the early summer of 2003 at Cambridge in the UK. Thirty specialists from 5 continents signed a piece of paper praying for the recovery of a professor at a university in Northern Japan who was bedridden at the time and unable to attend. As soon as the professor saw the paper, he was overjoyed. The professor's condition suddenly took an unexpected turn in less than a week, but a year and a half later at a conference on the East Coast of North America his widow was presented with comforting words and signatures from noted researchers from each country in attendance. Isn't this an example of the strong bond between comparative ophthalmology in different countries?

Naturally, there are examples of the reverse as well. To mourn a trailblazer who passed away in North America during the World Veterinary Congress in 1995, a photo of the deceased and condolences were featured in the preface to the journal "Animal Eye Research," which consoled his widow.

In the field of comparative ophthalmology, a system of specialists was initiated at the height of summer in 1988, over 10 years after such a system was initiated by the American College of Veterinary Ophthalmologists (ACVO). Incidentally, ECVO initiated such a system in 1997, yet another 10 years or so later.

Preparations are underway to institute such a system in Japan. Unofficially, many foreign specialists repeated mentioned "instituting the system with a small cadre rather than including lots of people." The system will be initiated with about 20 people, so those commenters should be relieved. ECVO initiated its system with such a small pool of people.

Mindful of foreign perspectives and expectations, people who are devising new systems of specialists in other areas of veterinary medicine should initiate such systems with a small cadre, and participants in those systems should attend and make presentations at conferences overseas, where they can receive criticism and praise. This exemplifies the expanding field of Japanese veterinary medicine and is, I hope you'll

agree, an effective way to garner understanding and support overseas. Young professors, associate professors, and instructors in particular should consider that mandatory. I look forward to their drive.

In addition to the aforementioned system of specialists, another way to maintain and improve standards in various fields is via certified practitioners, who are not necessarily obligated to make presentations overseas.

Certified practitioners can ensure local pet owners have access to effective treatment.

Confusing the two systems must be carefully avoided. Mistakes made in medicine must not be repeated here. The two systems have different goals. And neither suggests that certain veterinary ophthalmologists are better or worse than others. Essentially, participation in those systems is at the discretion of the individual. One devises a life plan and one builds a career through motivation and effort, not because one is forced to do so by others. Relying on the state or some other force restricts one's freedom of thought.

What must not be forgotten is that specialists come from general practitioners, which is what many clinicians are. General practitioners tend to be viewed as people with "broad but superficial" knowledge and skills, and that is certainly true for some. However, many general practitioners have garnered attention because they now have the ability and experience comparable to a "family physician" in medicine in Japan and overseas. People opting for that path should, like specialists, become accustomed to making presentations at conferences overseas every year.

Here, I have not touched on reforms in basic departments. Personnel there are already accustomed to making presentations and reporting studies at multiple conferences. In fact, I often meet people attending basic conferences on flights overseas. I have nothing more to add on the subject. I hope they are recognized for their effort.

I want people in the veterinary field to be a group of individuals who are strong-willed and who want to take their futures into their own hands. I earnestly hope to inspire the people to come.



An Update on Our Symbols

In light of an interesting article I recently read concerning the eye of Horus and its connections to art and medicine,¹ I started focusing on the symbols we currently use.

The significance of the eye of Horus is well known by most of us. Someone might be interested to read the few lines below or the articles listed at the end.

The other symbols I considered are the Rod of Asclepius - god of medicine, and the Caduceus - symbol of Hermes, the deity herald of the gods, as well as the protector of human heralds, travelers and thieves.

There are good reasons to shift from the Caduceus to the Rod of Asclepius as the logo we place at the end of each topic in our newsletter. Have a nice reading.

Claudio Peruccio

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The Eye of Horus

The eyes are important symbolic sensory organs representing a gateway into the soul, knowledge and wisdom. The Eye of Horus is an ancient Egyptian symbol adopted to protect the pharaoh in the afterlife and to ward off evil, a symbol of power, restoration, and good health.



Horus' right eye represented the sun, it was the "Eye of Ra". The left represented the moon and was known as the "Eye of Horus".

According to Egyptian Mythology Horus lost his left eye fighting against Seth who tore the eye into six pieces. Thoth, the god of wisdom and magic, was able to reassemble the eye and returned it to Horus. Horus gave the reassembled eye to his murdered father Osiris, thereby bringing him back to life.

The ancient Egyptians believed in the Eye of Horus' mystic powers, considering it as the eye of god inside the human mind.

The eye of Horus is the symbol used by many ophthalmologists, it's published in all issues of

our newsletter as the ACVO logo, an auspicious symbol for all ACVO Diplomates.

To know more about the eye of Horus and the meaning of this symbol, I recommend everyone read these interesting articles about its influence on ophthalmology, medicine and social customs,² and its connection among art, medicine, and mythology.¹ As reported in the Abstract: "This symbol has astonishing connection between neuroanatomical structure and function. Artistically the Eye is comprised of six different parts. From the mythological standpoint, each part of the Eye is considered to be an individual symbol. When the Eye is superimposed upon a sagittal image of the human brain, it appears that each part corresponds to the anatomic location of a particular human sensorium. ... "

The Rod of Asclepius



The Rod of Asclepius takes its name from the Greek god Asclepius (in Greek, Asklepios and, in Latin, Aesculapius) - a deity associated with healing and medicinal arts in Greek mythology. The snake and the staff are combined in Asclepius' symbol and are the appropriate symbol for medical arts.



The significance of the serpent may be related to the shedding of skin and renewal, symbolizing rejuvenation, or to the dual nature of the work of the physician, who deals with life and death, sickness and health, the use of drugs which can help or harm, like the snake venom that could be prescribed as a form of therapy.

Asclepius, from an ivory diptych, 5th century ce; in the Liverpool City Museum, England.



The staff may be interpreted as a walking stick associated with itinerant physicians, the support not to fall continually into sickness, the symbol of resurrection and healing.

The Caduceus

The Caduceus is the traditional symbol of Hermes (in Latin, Mercury), and features two snakes winding around an often winged staff. Hermes was associated with chemistry and medicine as aspects of alchemy as an esoteric practice but the caduceus symbolized more wisdom, trade, eloquence, and negotiation without any specific medical connotations.



Perhaps the first appearance of a similar symbol, especially in relation to healing, is found in the Jewish Torah, after the Exodus in approximately 1300 BCE.



Statue of Hermes wearing the caduceus. (Vatican Museums, Rome, Italy)

The modern use of the caduceus as a symbol of medicine became established in the United States in the late 19th and early 20th century as a result of documented mistakes, misunderstandings, and confusion.



The caduceus was formally adopted by the Medical Department of the United States army in 1902 and was added to the uniforms of Army medical officers.

But the current logo of the American Medical Association,



World Health Organization

that has been used for over a century, and of the World Health Organization is the Rod of Asclepius.

The caduceus may be interpreted as the association of medicine with marketing, the need to advertise so as to compete on the market. In some countries, this is considered unethical and it's not allowed. In other countries, the commercial aims in medicine are legal and the caduceus could represent the appropriate symbol.³

For an international newsletter like *The Globe* it's wise to stop using the caduceus as a symbol to separate sections, and adopt instead the Rod of Asclepius - a more appropriate symbol in



respect of everyone's sensitivity.



1. ReFaey K, Quinones G C, Clifton W et al. (May 23, 2019) *The eye of Horus: the connection between art, medicine, and mythology in ancient Egypt. Cureus* 11 (5): e4731. DOI 10.7759/cureus.4731
2. Bohigian GH. *The history of the evil eye and its influence on ophthalmology, medicine and social customs. Doc Ophthalmol.* 1997;94: 91-100.
3. Wilcox RA, Whitham EM. *The Symbol of Modern Medicine: Why One Snake Is More Than Two. History of Medicine* 15 April 2003, 673-677



News in Short



The Colegio Latinoamericano de Oftalmologos Veterinarios is pleased to announce the opening of the selection process for the admission of new members, currently we are a total of 35 graduates from Central and South America.

The notice with the rules and information is available on our website and the deadline for sending documents and registration is July 31, 2020.

Candidates approved in the first stage must take the theoretical and practical tests at the next Clove Congress scheduled to take place in 2021 in Mexico.

<https://www.cloveonline.com>

Andrea Kuner, Mv, Ms, Clove, Clove secretary



**Upcoming Events of
ISVO
Affiliated Organizations**

Dear Colleagues,
As the COVID-19 pandemic situation is changing rapidly and conferences and meetings are often cancelled/changed, we strongly recommend that you closely monitor the situation and check the status of a conference of interest with the specific organizer of the meeting.



**ANZCVS Interim Meeting
Margaret River - October 2nd - 3rd 2020**

The ANZCVS Ophthalmology chapter was planning on hosting two scientific meetings this year which include College Science Week, in July, and our Interim Meeting in October. However, the College Science Week in July has been cancelled. Later in the year, we are planning to have a wonderful program on offer with our Interim meeting which will be held in the gorgeous

Margaret River at the Pullman Bunker Bay Resort, 2-3rd October.



This meeting is sure to tick all the boxes as we are joined by Dr. Ivan Schwab, who is a Professor of Ophthalmology and the Director of the Cornea Service at UC Davis Medical Center. Dr. Schwab has a special interest in comparative optics and ocular physiology and has authored multiple books including the must-have Evolution's Witness: How Eyes Evolved, in 2011. His captivating talks will be mirrored by the ever amazing nightlife of WA as we visit Cape Naturaliste Lighthouse and Sugarloaf Rock.



For any information on our '2020' program or other Ophthalmology chapter business, please contact the secretaries Dr. Kate Hindley and Dr. Jessica Nevile at secretaryophthalmology@anzcvs.org.au





American College of
Veterinary Ophthalmologists

51st Annual Conference
September 23-26, 2020
Boston Park Plaza • Boston, MA



"...ACVO 2020, Seeing Beyond Today..."

www.ACVOconference.org

ACVO is very excited to welcome you to the conference this fall. We are putting the finishing touches on our plans regarding the on-site/hybrid, or virtual-only conference. ACVOconference.org will host our full announcement in early July, our hopes are to roll out all elements of our plans as soon as possible, but no later than the 2nd week of July. We are still planning on hosting our fabulous keynote speaker, Dr. Molly Shoichet, who will present, "**Regenerative Medicine Strategies in the Animal Models of Blindness**". We're adding an In-Depth speaker, our very own, Dr. Sara Thomasy, who will be speaking on a **topic related corneal biomechanics and how that influences wound healing**, her final title is to be announced soon.

The conference will be packed with about 20 hours of interactive presentations, posters and additional fun sessions! We are confirming our speaker presenters currently and the topic/schedule will be launched in early July. We are also excited to welcome ACVO member, Dr. Carmen Colitz, presenting for the Residents' Workshop session focused on **marine mammal ophthalmology**, everyone is invited to attend. Our keynote, Dr. Shoichet, is also scheduled to

provide us with her innovative discussion entitled, "**Out with the Old and in with the New Vitreous Substitute**". And we will again be offering an **additional 8 CE hours for our general practitioner's course, to be RACE approved** and available in an online format; topics are outlined on the website

Not just another webinar! No matter the final format(s), there WILL be an interactive, virtual element. Know that we are working diligently with many sources to provide as many interactive possibilities between attendees as we can. This will include a full plan to interact and ask questions of speakers online, have real-time chats with poster presenters, visit our valued sponsors and exhibitors in their virtual booths to schedule private face-to-face virtual meetings and enter raffles. **All CE is being submitted for RACE approval** and we have preliminary word that our format will be accepted.

A conference wouldn't be complete without a little fun! We're exploring a virtual welcome reception, an interactive virtual fun-run complete with shirts mailed to attendees, and possibly a virtual hosted wine-tasting event. We're also putting the final touch on goodie bags that can be shipped to all online attendees prior to the conference.

Registration is currently open, but we are prepared to **RE-launch conference registration mid-July with all information provided to our attendees and vendors.**

We are so grateful to all of you who have chosen to present, attend and sponsor this event. The 'vet-ophtho' community is an amazing group of people whom I enjoy serving daily. The Planning Committee and ACVO management are working extremely hard to bring you an amazing, interactive and informative educational session. Please watch for more details in the next two weeks at ACVOconference.org and get yourself registered!

Stacey Daniel
ACVO Executive Director





**Italian Society of Veterinary Ophthalmology
Winter Meeting
October 10th - 11th, 2020
Cremona, Italy**

**“DIAGNOSTIC IMAGING IN
OPHTHALMOLOGY”**

Note: Due to the evolution of the COVID-19 pandemic the event will be held as a WEBINAR

Speakers:

Dott. Giovanna BERTOLINI, DVM, PhD, Padova (Italy)

Dott. Alessandro CIRLA, DVM, PhD, Padova (Italy)

Prof. Stefano PIZZIRANI, DVM, PhD, DECVS, DACVO, N. Grafton, MA (USA)

Saturday, October 10th

09:00 US: Principles, equipment and methods *S. Pizzirani*

10:00 Anterior segment *S. Pizzirani*

10:45 Coffee break

11:15 Posterior Segment *S. Pizzirani*

12:00 Discussion

12:30 Lunch break

13:30 CT and MRI: principles, equipment and methods *G. Bertolini*

14:30 CT and MRI applied to ocular diseases *S. Pizzirani*

15:30 Pause

16:00 Clinical Cases *A. Cirila*

17:00 Discussion and session closure

Sunday, October 11th

09:00 Free communications – SOVI members

10:30 Coffee break

11:00 Free communications – SOVI members

12:00 Session closure



**10th Annual Conference of the AiSVO
Asian Society of Veterinary Ophthalmology**



Cancellation of AiSVO 2020 Taiwan Conference

As global uncertainties from the COVID-19 pandemic will likely persist in the coming months, the infection risks and travel restrictions across the globe have put travelers in a difficult position.

We have made the painful but necessary decision to **cancel the AiSVO 2020 Conference in Taiwan**, from Oct. 17 to 19, 2020. The safety of our veterinary ophthalmic fraternity and corporate partners, and their families and friends, is always our top priority.

The Diplomate examination of 2020 will be **postponed to 2021 in Bangkok Thailand**. The next AiSVO conference will be a joint meeting with AMAMS, which will take place in Fukuoka, Japan 2022. Taiwan will undertake to organize the conference in Taipei, 2023.



Last but not least, we are truly grateful for your continuing support. We wish you and your loved ones the best possible health, and look

forward to welcoming you all to Fukuoka, Japan!!

Prof. *Chung-Tien Lin*

Chairman of organizing committee 2020 AiSVO conference in Taiwan

Dr. *Kumiko Kato*

President,
Asian Society of Veterinary Ophthalmology
Asian College of Veterinary Ophthalmologists



17th Brazilian Congress of Veterinary Ophthalmology (CBOV)
March 2021
Foz do Iguaçu, Brazil



The next CBOV congress will be held in Foz do Iguaçu, Brazil, in March 2021, amidst one of the greatest natural riches of the world, the Iguazu Falls. It will be a pleasure to have your presence at this next event.



Foz do Iguaçu awaits you in 2021! Additional information to be announced soon.



Italian Society of Veterinary Ophthalmology
Spring Meeting
April 10th, 2021
Palazzo Trecchi, Cremona, Italy



CANINE HEREDITARY EYE DISEASES: NEW HORIZONS

Speakers:

Dott. Laura **BARACHETTI**, DVM, PhD, DECVO

Dott. Gilles **CHAUDIEU**, DVM, DECVO

Dott. Adolfo **GUANDALINI**, DVM, PhD, DECVO

Dott. Domenico **MULTARI**, DVM, PhD

Prof. Claudio **PERUCCIO**, DVM, PhD, DECVO,
Hon DACVO, MRCVS, EBVS® & RCVS SVO

Dott. Michela **QUARTA**, DVM, PhD

Programme

Saturday April 10th, 2021

8.30 – Registration

9.00 – Welcome and opening

9.15 – Group 1 (Shepherd and Cattle Dogs - Collie, Shetland, etc..) *Michela Quarta*

9.45 – Group 2 (Pinscher e Schnauzer- Molossian dogs) *Adolfo Guandalini*

10.30 – Coffee break

11.00 – Group 3 (Terrier) *Domenico Multari*

11.30 – Group 4 (Dachshund) *Laura Barachetti*

12.00 – “Ocular surface and lacrimal functional unit” genetic alterations. *Claudio Peruccio*

12.45 – Discussion

13.00 – Lunch break

14.00 – Group 5 (Spitz, Pomeranian, Siberian husky, Alaskan Malamute, Akita, Shiba

and Samoyed) *Gilles Chaudieu*

- 14.30 – Group 6 (Scenthounds) *Gilles Chaudieu*
- 15.00 – Group 7 (pointing breeds: Setter, Pointer, Bracco) *Gilles Chaudieu*
- 15.30 – Coffee break
- 16.00 – Group 8 (Retrievers e Spaniel) *Gilles Chaudieu*
- 16.30 – Group 9 (Toy and miscellaneous breeds) *Michela Quarta*
- 17.00 – Group 10 (greyhound, Afghan hound....) *Adolfo Guandalini*



European College of Veterinary Ophthalmology
Annual Meeting - Rhodes, Greece



Dear Colleagues and Friends,

Due to the evolution of the pandemic as well as the inability to reproduce the program at a later date this year, the ECVO has decided to postpone the meeting to May 20-23, 2021, at the same conference hotel in Rhodes.

The 2022 meeting will be held in Salzburg, June 2-5, 2022.

Please visit the [ECVO conference website](#) for all relevant information.



Italian Society of Veterinary Ophthalmology
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November 20 - 21st, 2021
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FELINE OPHTHALMOLOGY
FROM THE EYELIDS TO THE RETINA.
THE OPHTHALMOLOGIST'S,
NEUROLOGIST'S AND PATHOLOGIST'S
APPROACH.



Upcoming Events of Non-Affiliated Organizations



Webinar series - 2020

Dry eye. Past, present and future. It's not just about a normal Schirmer Tear Test

Date, time and registration at:

www.esvo.org

Free of charge for ESVO members
(30€ fee applies for non-members)

EDC VET
Proud sponsor of ESVO webinars

Aqueous deficient dry eye is a frequent cause of ocular surface disorder in dogs.

Evaporative dry eye is considered a main cause of ocular surface disorder in humans and is present in several animal species.

Meibomian gland dysfunction is a widespread disease affecting both humans and animals, mainly dogs but also cats, horses and rabbits.

Hence the necessity to carefully examine the tear film and the meibomian glands with all diagnostic techniques today available in a clinical setting.

A good reason for the ESVO to plan the webinar **"Dry eye. Past, present and future. It's not just about a normal Schirmer Tear Test."** with internationally recognized outstanding speakers.

Speakers

Cameron Whittaker BVSc, DVCS, MACVSc, Dip ACVO



Cameron graduated from the University of Sydney in 1989. After working in mixed animal practice for 2 years, he did a rotating internship in Small Animal Medicine and Surgery at the University of Sydney. He then practised in the United Kingdom prior to starting an ophthalmology residency at the University of Florida in 1993. After obtaining American Board certification in 1996, he became an assistant Professor at The Ohio State University. After this Cameron moved back to Sydney, Australia and has been a lecturer at the University of Sydney since 1998. Cameron has been a contributing author in 3 textbooks, including Veterinary Ophthalmology by Kirk Gelatt, authored or co-authored over 20 international papers, developed novel surgical techniques in eyelid, corneal and posterior segment surgeries in animals as well as developing 4 novel surgical instruments for veterinary ophthalmology. Cameron has lectured throughout the world including South Korea, New Zealand and America including the World Small Animal Veterinary Conference, North American Veterinary Conference, and as a keynote speaker at the American College of Veterinary Ophthalmologists meeting in Hawaii, 2020. He has been an editor for a number of journals including Veterinary Ophthalmology. His special interests are ocular surface disease, corneal transplantation, lens and retinal surgery.

Kelly Caruso BSc, VMD, Dip ACVO



Kelly graduated from St Joseph's University with a BSc, then gained her VMD from the University of

Pennsylvania. Kelly has a large range of experience having completed internships in equine medicine and surgery, small animal medicine and surgery, veterinary ophthalmology, and emergency medicine and critical care. Kelly then did her residency under Dr Seth Koch, one of the founding fathers of the American College of Veterinary Ophthalmologists. Kelly is a passionate educator and has won a number of prestigious teaching awards in the USA. Kelly moved to Australia in 2010, and subsequently joined her husband Cameron and Dr Jeff Smith in private practice in Eye Clinic for Animals (ECA). Kelly is also a lecturer at Sydney University whilst maintaining a strong association with various exotic animal facilities such as Taronga zoo in Sydney. Kelly has also pioneered a number of new surgical techniques in the eyelids, cornea and the retina. She has lectured throughout the world, including England, Australia and the USA. Her special interests are exotic animal ophthalmology, adnexal medicine and surgery, corneal transplant and retinal surgery.

Benjamin Reynolds

BVSc, Ophthalmology
Resident



Ben graduated with a bachelor of veterinary science from James Cook University in 2017, winning numerous academic awards during the degree. Since this time at university, Ben's interest in ophthalmology saw him undertake externships to veterinary ophthalmology centres across Australia, the UK and the USA. Ben was fortunate enough to win the ISVO Acrivet/Bausch & Lomb Scholarship in 2018 to allow him to undertake advanced ophthalmology training at North Carolina State University while working at one of Brisbane's largest veterinary hospitals.

Ben joined the Eye Clinic for Animals as an intern in January 2019, and since this time has published four veterinary journal articles (as well as having many others in the works) and has been the primary author for the most comprehensive textbook chapter to date on the

ophthalmology of marsupial and monotreme species (currently in press). Ben has also been assisting in teaching students at the University of Sydney their ophthalmology practicals and tutorials since joining the Eye Clinic for Animals. Ben is currently the resident at Eye Clinic for Animals, and is in training to become an American-boarded veterinary ophthalmology specialist.

Brief introduction to the webinar

In the human literature, the definition of "dry eye" has changed remarkably in the past 25 years. The simplicity of definition as late as 1995 was that it was a "tear deficiency or excessive evaporation" (1995 NEI Workshop). Since that time the definition of dry has changed significantly to now be defined as "a multifactorial disease of the ocular surface characterised by a loss of homeostasis of the tear film, and accompanied by ocular symptoms, in which tear film instability and hyperosmolarity, ocular surface inflammation and damage, and neurosensory abnormalities play aetiological roles". (Tear Film and Ocular Surface Society's Dry Eye Workshop II - TFOS DEWS II). With this in mind, the protocols of diagnosis and treatment of dry eye in veterinary ophthalmology must also change. The simplistic use of a Schirmer Tear Test is now only one (and possibly the most basic and poorly informative) of a number of diagnostic tests all veterinary ophthalmologists should incorporate into their practice. (An analogy may be that the only way we assess cardiac disease in our patients is by taking a heart rate !!). Our clinical acumen as veterinary scientists should be directed to the underlying aetiological cause of dry eye, rather than a blanket treatment that fits all dry eye scenarios. This can only occur with a greater understanding of the pathogenesis, diagnostic aids and treatment regimens that can be adopted for dry eye. This webinar will discuss the latest in classification, diagnostic aids and treatment of dry eye in dogs. It is not meant to be overly comprehensive, but provide a general overview of the disease as we understand it at this time.

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European Society of Veterinary Ophthalmology
ESVO Annual Meeting



Berlin
September 30 - October 3, 2021

Dear friends, colleagues and fellow ophthalmologists,

Given the exceptional circumstances surrounding the evolution of the pandemic, the ESVO Board decided to postpone our annual meeting until 2021.

The main topic will be "**Management of the lens surgery**" and the meeting will be held in Berlin, as originally planned.

We are looking forward to seeing you in Berlin at our friendly, practical and scientific conference.

Best regards

Dr Thomas BOILLOT
DVM, DESV-Oph
President of the ESVO

Dear Colleagues,

We are happy to inform you that our main speakers **Dr. Enry Garcia da Silva**, **Dr. DJ Haeussler** and **Dr. S. Kindler** confirmed their participation in 2021.

The whole year without continuing education is impossible, that's why we decided to open **new webinar issues**.

The planned topic for the first one is *Meibomian gland dysfunction and tear film assessment* and for the second one *Updated corneal surgery*. We will keep you updated.

If you have any questions, please don't hesitate to get in touch (esvo2021@guarant.cz). We will respond as soon as possible.

Visit our website regularly for meeting updates and useful information at:

<http://www.esvomeeting2021.org/>

We look forward to welcoming you to Berlin in 2021!

Jiri Beranek

Chairperson
of ESVO Conference 2020

Meeting Secretariat:

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ISVO notes

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Useful links

American College of Veterinary Ophthalmologists (ACVO): www.acvo.org

Asian Society and College of Veterinary Ophthalmologists (AiSVO/AiCVO):
<http://www.aisvo.org/>

Brazilian College of Veterinary Ophthalmologists (CBOV): www.cbov.org.br

British Association of Veterinary Ophthalmologists (BrAVO):
www.bravo.org.uk

British Small Animal Veterinary Association:
www.bsava.com

European College of Veterinary Ophthalmologists (ECVO): www.ecvo.org

European School for Advanced Veterinary Studies: www.esavs.net

European Society of Veterinary Ophthalmology (ESVO): www.esvo.org

East European Society of Veterinary Ophthalmology (EESVO): www.eesvo.org

International Society of Veterinary Ophthalmology (ISVO) www.isvo.info

International Veterinary Information Service (IVIS): www.ivis.org

Italian Society of Veterinary Ophthalmology

(SOVI): www.scivac.itJapanese Society of Comparative and Veterinary Ophthalmology (JCVO): www.jscvo.jpLatin American College of Veterinary Ophthalmologists (CLOVE):
www.cloveonline.org

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Note from the ISVO treasurer

A reminder to all ISVO members and subscribers to *The Globe* Newsletter to please check that their membership is current.

Joining the ISVO and renewing your membership is now easily accomplished online at the ISVO website (www.isvo.info). The ISVO subscription year runs from January to December, with any new subscriptions or renewals paid in November or December carrying over automatically to the next calendar year. If you have **not used the website subscription page** to complete a renewal during the last 12 months, then you are overdue, and we would be grateful if this could be attended to at the first convenient opportunity.

The current individual dues are **US\$25 per annum** (payment via PayPal). For group registration, please contact the Secretary.

The ISVO Secretary (Dr. Allyson Groth) keeps up-to-date records of paid up subscriptions and can be contacted if you are uncertain as to when you last paid your dues. (IntSocVetOphthalmol@gmail.com).

The Newsletter Editor will continue to Email *The Globe* to all financial members of the ISVO, at least three times per year.

David Maggs
 Treasurer ISVO

