



Asian Meeting of
Animal Medicine Specialists 2017
11~12 November 2017, EXCO, Daejeon, Korea



Prof. C. RAMANI

Professor
Madras Veterinary College

Name	C.RAMANI						
E.Mail ID	sriramki.krishna@gmail.com						
Mobile Phone Number	9840291292						
Designation	Professor						
Office	Department of Veterinary Surgery and Radiology						
Address for Correspondence	Professor, Department of Veterinary Surgery and Radiology, Madras Veterinary College, Chennai						
Total Experience	23	10	20				
	Degree	University/College				Year	
1.	B.V.Sc &A.H.	Kerala Agricultural University				1981-1987	
2.	M.V.Sc	Tamilnadu Veterinary and Animal Sciences University				1988-1990	
3.	Ph.D.	Tamilnadu Veterinary and Animal Sciences University				1995-1999	

Awards / medals

AMAMS 2017 Secretariat

Tel: +82-53-746-9966 | Fax: +82-53-742-9007 | E-mail: amams2017@gmail.com

1. TAMIL NADU YOUNG WOMEN SCIENTIST AWARD – 2000 – for the contribution in the field of Veterinary Ophthalmic Surgery
2. K.J.Hospital award- for best performance in M.V.Sc - 1990
3. Kennel club award – for best performance in M.V.Sc thesis - 1990
4. Best paper Presentation award in Indian Society for Veterinary Surgery - 1999
(cataract and IOL in dogs)
5. Dr.M.N.Menon award for best Ph.D. thesis in Surgery – 1999
6. Dr.S.J. Angelo memorial prize – best clinical article in IVJ – 1998
7. Best paper award (Orthopaedic session) – for the article entitled *Arthroscopic Evaluation of stifle joints in dogs* presented at the National symposium of Indian Society for Veterinary Surgery, Jabalpur – 2004
8. Appreciation certificate – for the article presented at ISVS 2002 – Mumbai
9. Appreciation certificate – for the paper presented in ISVS 2005- IVRI
10. **Certificate of appreciation by the Govt.of Rajasthan** – for the successful ophthalmic surgery performed in captive lions and tigers 2005
11. **Cash award presented by the Honourable Chief Minister of Tamil nadu DR.J.Jayalitha** as winner of the Science city young women scientist award – 2000
12. **ICAR junior fellowship for Master's degree - 1988**
13. **CSIR fellowship for Doctoral degree – 1995**
14. Certificate of commendation for the tusk trimming performed in a Hippo – awarded by People for animals, India and ATRA /G rупpo di studio sulle Tradizioni, Violente, Itay
15. Gold Medal for best presentation in Small Animal Surgery Session ISVS 2009
16. Appreciation certificate poster session ISVS -2006

17. Gold Medal for best presentation in Small Animal Surgery Session ISVS 2010
18. Third prize in International seminar on case conference 2009
19. Appreciation certificate poster session ISVS -2014
20. Defacto Diplomate of AiSVO 2015
21. Gold Medal for best paper presentation in Small Animal Surgery Session ISVS 2016
22. Gold Medal for best presentation in Radiology Session ISVS 2016
23. Gold Medal for best poster presentation in Small Animal Surgery Session ISVS 2016
24. Second prize in poster presentation during World congress on ocular anaesthesia held in India .

Training

- 1. Underwent a training on Comparative Animal Ophthalmology under *Dr.Simon Petersen- Jones, Professor, Comparative Ophthalmology, Department of Small Animal Clinical Sciences, College of Veterinary Medicine, Michigan State University, USA, 2008.***
- 2 Underwent Training on diagnostic and surgical ophthalmology at reputed human hospitals**
.
- 3 Microsurgery work shop at Institute of Head and Neck Surgery – Amrita Institute of Medical sciences- Ernakulum, Kerala, India**

Training programmes conducted on campus

Sl.No	Name of the training	Period



Asian Meeting of
Animal Medicine Specialties 2017
11~12 November 2017, EXCO, Daejeon, Korea

Jointly conducted a ophthalmic surgery International workshop with Dr.Simon Petersen-

Jones at Madras Veterinary College 2013

1. Training on small animal ophthalmology for VETS SSB 13-8-09 15-8-09
 - 1.Training on small animal ophthalmology, Chennai 19.11.08 21.11.08
 - 2 Training on Veterinary ophthalmic surgery 9.9.09 11.9.09
3. Equine ophthalmology
 - For Veterinarians from Brookes Hospital 26.10.09 28.20.09
- 4 Equine ophthalmology
 - For Veterinarians from Brookes Hospital 3-11-09 5-11-09
- 5 Small animal ophthalmology For a private practitioner
- 6 Small animal ophthalmic surgery 15.9.10 17.9.10
- 7 Ophthalmic surgery 24.11.20 26.11.10
- 8 Ophthalmic surgery 1.12.10 3.12.10
- 9 Small animal ophthalmology 21.12.10 23.12.10
- 1 Small animal ophthalmology 19.1.11 21.1.11
 - Small animal ophthalmology Glenmark Bombay
- 1 Small animal ophthalmology 11.10.11 13.10.11
 - National training on small animal ophthalmology 2004
 - ophthalmology training for Mumbai Practiners 2005
 - Special training for PG student in the subject Ophthalmology, Utter pradesh 2005
2. Small animal Ophthalmology training for Annie Karlette PG student, Gujarat 26-2-09 2-3-09
 - One day educational tour for PG students

AMAMS 2017 Secretariat

Tel: +82-53-746-9966 | Fax: +82-53-742-9007 | E-mail: amams2017@gmail.com



Asian Meeting of
Animal Medicine Specialties 2017
11~12 November 2017, EXCO, Daejeon, Korea

1. Regional Institute of Ophthalmology Egmore

2. Vision Research foundation Sankara Nethralaya Ongoing every year

IAMWARM	Batch No	I	27-01-10
IAMWARM	Batch No	II	22-10-10
IAMWARM	Batch No	III	17-02-10
IAMWARM	Batch No	IV	19-11-10
IAMWARM	Batch No	V	13-03-10
IAMWARM	Batch No	VI	04-06-10
IAMWARM	Batch No	VII	03-12-10
IAMWARM	Batch No	VIII	23-12-10
IAMWARM	Batch No	X	02-03-11
IAMWARM	Batch No	IX	24-08-11

Training programmes conducted (off- campus)

1. WSAVA –CE programmes – Lead papers
2. Invited lectures at Mumbai pet practitioners association

AMAMS 2017 Secretariat

Tel: +82-53-746-9966 | Fax: +82-53-742-9007 | E-mail: amams2017@gmail.com



Lead Papers Papers presented in conferences- 12

**Asian Meeting of
Animal Medicine Specialists 2017**
11~12 November 2017, EXCO, Daejeon, Korea

Abstracts presented in various conferences total no 76

Total no of scientific articles published 75

Books/Manuals published 20

Post graduate Thesis guided

MVSc – 10

PhD - 2

Referee for article vetting:

Research projects

completed

a. External

funded:

1. FIST Funds for Infrastructure Science and Technology

Funds for improvement of science and technology infrastructure in universities and higher education institutions (FIST)

2. Sankara Nethralaya

Experimental study on the potential antiglycating effect of a novel mixture of amino acids on hyperglycemia induced retinal changes.

3. Students S&T projects

b. Post graduate and Doctorate students work:

4. Efficacy of conjunctival pedicle graft and nictitans flap techniques in the treatment of corneal ulcers in dogs

AMAMS 2017 Secretariat

Tel: +82-53-746-9966 | Fax: +82-53-742-9007 | E-mail: amams2017@gmail.com

5. **Evaluation of phacoemulsification technique with implantation of foldable or rigid intra ocular lens in dogs**
6. **Management of cataract associated with ocular hypertension by combined lens extraction and trabeculectomy in dogs**
7. Evaluation of visual rehabilitation in aphakic and pseudophakic eyes following phacoemulsification in dogs.
8. Peterson's nerve block and neuro muscular blockade as adjuvants to general anesthesia for intra ocular surgeries in dogs.
9. Orbital rim anchorage and pocketing techniques for repositioning of prolapsed nictitans glands in dogs. (M.V.Sc)
10. Management of ocular hypertension in cataractous eyes by phacoemulsification combined with trabeculectomy or gonioimplant in dogs (Ph.D)
11. Biometrical studies of cataractous eye using A-Scan ultrasonography and keratometry in dogs
12. Etiopathogenesis, Diagnosis, medical and surgical management of glaucoma in dogs

Impact of the projects conducted:

1. Design of IOL
2. Standardization of A-scan and Keratometry
3. Phaco emulsification technique
4. Calculation of Power IOL
5. Retinoscopy
6. Methods of cataract extraction
7. Graft for corneal ulcers
8. Importance of nictitans gland and its repositioning
9. Effect of glaucoma on cataract surgeries
10. Glaucoma management
11. Anesthetic regimen for ocular surgeries



Asian Meeting of
Animal Medicine Specialties 2017
11~12 November 2017, EXCO, Daequ, Korea

PG DIPLOMA in Veterinary Ophthalmology	Co-ordinator
---	--------------

Research :

Conducted a research on diaphragmatic hernia in dogs and the haematological bio-chemical and radiological parameters were studied for early diagnosis of the diseases. The problem was taken up with regard to the increasing road accidents in the city. The study was awarded the Best Thesis K.J.Hospital award.

Cataract has been reported not only in older animals but the incidence is surprisingly high in young animals too. The need for the restoration of vision is felt to the fullest extent in watch dogs, like police dogs trained for bomb detection and security dog Extraordinarily brilliant dogs have to be condemned for failure of vision due to cataract. Hence a research on various types of extraction in dogs and subsequent IOL implantation was carried out and standardized two types of intraocular lens namely polymethylmethacrylate and silicone in dogs following extra capsular cataract extraction . Apart from restoration of vision the procedures help the dog to regain binocular vision, which is very essential for depth perception.

The work was awarded the **Young Woman Scientist award** for the year 2000 by the Department of Science and Technology.

Guided the students under Science and Technology programme

AMAMS 2017 Secretariat

Tel: +82-53-746-9966 | Fax: +82-53-742-9007 | E-mail: amams2017@gmail.com

for the studies on the efficacy of low level laser therapy for wound healing in dogs.

Extension / Clinical:

The research on Cataract extraction and intraocular lens implantation in dogs, had a good impact on the public. During and
Also after the research, many dogs with cataract are being referred to Madras Veterinary College Hospital from different parts of the country.

A column was written on the Hindu dated 30-08-1999, on cataract surgery in dogs, which focused mainly on the research conducted in the University.

Given a talk in Doordharsan in Vayalum Vazhvum programme about the incidence of common ophthalmic affections in dogs and their surgical treatment and emphasized the use of intraocular lens implantation in dogs.

Given another programme in AIR, Vannamani Malai through which a public awareness of the research was made. Subsequently one more interview was done by the AIR in which the pet owners also participated.

As a result of this wide exposure a large number of dogs with eye affections are being referred from various parts of the country .

a) Teaching Methods

Prepared slides for all the important operative procedures in Small Animal Surgery for Under Graduate teaching

Prepared Video cassettes for all the important surgical procedures in Small Animal Surgery for Under Graduate teaching

Extension work/community service : -

Mass contact programs:

Participated in mass contact programs organized for the benefit of the farmers in Namakkal area. Participated in the 'Kalnadai Valarpu Thittam' Programmes.

T.V. programmes:

Presented one TV shows in Vayalum Vazhvum programmes.

1. Ophthalmic affections in dogs and their treatment.

A.I.R. talk:

Participated in 'Vannamani Malai'- a live broad cast about common ophthalmic diseases of dogs and pet care.

Expert services rendered

Performed cataract surgery in lions in Rajasthan Zoo and vandaloor Zoo

For the first time in India

Attended to various eye ailments in temple elephants in Tamil Nadu and in farm animals in various farms

Conducted free animal eye camp for the first time in the country .

The Ophthalmology division in madras veterinary college is first of its kind in the country.

Membership in any organizing Professional bodies

Learned Societies etc., :

- 1 Member of Tamilnadu Veterinary Association
- 2 Indian Society for Veterinary Surgery
3. Asian Society for veterinary ophthalmologists