



# **Kempegowda Institute of Medical Sciences, Bangalore**

## **Department of Community Medicine**

# **Annual News Letter**

**1<sup>ST</sup> Januvary,2018 to 31<sup>st</sup> December, 2018**

**Address :**

### **Department of Community Medicine**

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### **Rabies, July 2018 :**

The department staff along with the Association for Prevention of Control of rabies (APCRI) were involved in the Indian rabies multicentric study ,2017-18. The study had 11 objectives and involved extensive visits, survey, Information on vaccine logistics, market mapping, etc. The data was analyzed and final report with APCRI was submitted to the WHO, India Country office and Government of India.



Dr. Ashwath Narayana, Professor & HOD(4th from right) -Inaugural function- with Union Health Ministers- Shri. J P Nadda ji (2nd from right) and Shri . Ashwini Kumar Choube ji (3rd from right), 7th July, 2018, New Delhi, 20th APCRICON, 2018

### **KIMS Model WHO, September 2018 :**

The 3rd KIMS Model WHO 2018 was held on 28th & 29th , September, 2019 at KIMS college, Banashanakri Campus. The Model WHO is an education simulation and academic competition in which students can learn about Diplomacy, International federations, current affairs and United Nations. A total of 45 colleges from 5 states had attended the program. The department faculty were actively involved as faculty advisor and session judges in the two day program.



KIMS MODEL WHO 2018

### RGUHS school Health Program,Chikabalapur :

The Rajiv Gandhi University of Health Sciences,Bengaluru in collaboration with satya sai institution was involved in the School Health Examination of children in Chikbalapur District ,2018.Post graduates and Interns from the department were posted on rotation and school children were clinically examined.



RGUHS-School Health services – Post Graduate & Interns ,Chikkabalapur District

### **Publications :**

1. Manchegowda RM, **Ashwath Narayana DH**. Perception on Community Oriented Learning among Medical Students in a Medical College in Bangalore. Natl J Community Med 2018; 9 (8):585-588
2. Nithya J. Gogtay, Renuka Munshi, **D. H. Ashwath Narayana**, B. J. Mahendra, Vikas Kshirsagar, Bhagwat Gunale, Susan Moore, Peter Cheslock, Saket Thaker, Siddharth Deshpande, Sunil Karande, Dipti Kumbhar, H. S. Ravish, B. R. Harish, Sambhaji S. Pisal, Rajeev Dhere, Varsha Parulekar, William C. Blackwelder, Deborah C. Molrine, and Prasad S. Kulkarni. Comparison of a Novel Human Rabies Monoclonal Antibody to Human Rabies Immunoglobulin for Post exposure Prophylaxis: A Phase 2/3, Randomized, Single-Blind, Non inferiority, Controlled Study. Clinical Infectious Diseases. 2018; 66(3):387–95
3. **Chethana Ramegowda, Prakruthi R A,Pushpa Rajanna**.A study on parental knowlesge and pattern of medicine use in acute respiratory infections among under five children in urban field practice area of KIMS, Bengaluru. Natl J Community Med 2018; 496-500.
4. **Chethana Ramegowda**, Puttaiah Thejaswini : Assessment of Knowledge and attitude towards emergency contraceptive among post natal mothers among BBMP referral hospital. Int J Community Med Public Health 2018.

5. **N. R.Ramesh Masthi**, Pruthvi S An exploratory study on rabies exposure through contact tracing in a rural area near Bengaluru, Karnataka, India. PLoS Negl Trop Dis 12(8): e0006682. <https://doi.org/10.1371/journal.pntd.0006682>
6. **Ramesh Masthi NR**, Pruthvi S, Phaneendra MS. A comparative study on social media usage and health status among students studying in pre-university colleges of urban Bengaluru. Indian J Community Med 2018;43:180-4.
7. **Ramesh Masthi N R, Manasa A**. An Exploratory study on violence in a rural area near Bengaluru, Karnataka, India. International Journal of Science Research 2018; 7 (12):49-52.
8. **N R Ramesh Masthi, Afraz Jahan**. Evaluation of Anti Rabies Clinics in the rural field practice area of a Medical College near Bengaluru. APCRI Journal 2018;20 (1):28-31
9. **Ravish HS**, Veena V, Ramesh Holla, Rachana Annadani R. Clinical evaluation of purified chick embryo cell rabies vaccine administered in animal exposures. International Journal of Community Medicine and Public Health 2018;5(2):585-589.
10. **Ravish HS, Seema KS**, Gangaboraiah, Chandana Krishna, **Ramya MP**, Iswarya S. Effectiveness of health education on knowledge and attitude of fresh medical graduates regarding prophylaxis against rabies. APCRI Journal 2018;19(2):16-18.
11. **Ravish HS**, Iswarya Siddhareddy, Ramya MP, **Nitu Kumari**, Pradeep Kumar DP. Menstrual hygiene practices and related infections among adolescent girls of an urban poor locality. Indian Journal of Youth & Adolescent Health 2018;5(3):28-33.
12. **Ravish HS, Ramya MP, Nitu Kumari**, Rachana AR. Factors associated with delay in post exposure prophylaxis among animal bite victims. APCRI Journal 2018;20(1):14-17.
13. **Jayanthi Srikanth**, Kavya G Upadhyay, Pankaj Kumar. Awareness of cervical and breast cancer among women attending OBG out patient department of a medical college hospital, Bangalore. International Journal of Community Medicine and Public Health. May 2018;5:2104-2108.
14. **Anwith HS**, Upadhyay KG, Ravish HS, **Thenambigai R, Ramya MP**, Thejaswini P. Awareness on rabies and its prevention among anganwadi workers. Int J Med Sci Public Health 2018;7: 545-8.
15. **Anwith Huluvadi Shivalingaiah, Chethana Ramegowda**, Kaushik Sreeram. Long-term outcome of tuberculosis treatment among patients registered at a tuberculosis unit in Bangalore. National Journal of Research in Community Medicine 2018; 7(4): 246 -8.
16. **Shivalingaiah AH, Shankaraiah RH, Hanumanthaiah A**. Safety of new indigenous human Rabies Monoclonal Antibody (RMAB) for Post Exposure Prophylaxis. Indian J Comm Health. 2018; 30(3): 196-201.
17. Nandini RC , **Sanjay TV**, Thejaswini P , **Ramu P**, Channarayana V. Combined obesity among adult in-patients: A study in a tertiary care hospital. IJFCM 2018: 5(2): 136-140.

#### **Talks/Conference presentations :**

1. **Dr. D. H. Ashwath Narayana**: Speaker at the 45<sup>th</sup> National conference of IAPSM held at Pune on 11<sup>th</sup> March 2018



2. **Dr. D. H. Ashwath Narayana:** Talk on "Programmatic data variability across settings at different levels in India: Results of WHO-APCRI Indian Rabies Survey" at the WHO meeting on "Driving progress towards rabies elimination" held on 1-3, May 2018 at Katmandhu, Nepal.
3. **Dr. D. H. Ashwath Narayana:** Talk on "Project site experience on delivery of rabies biologicals and country wide scale up of access- Results of WHO-APCRI Indian rabies Survey" at WHO meeting on "Driving progress towards rabies elimination: New WHO recommendations on human rabies immunization and results of Gavi's Learning Agenda on rabies & 2<sup>nd</sup> International meeting of the Pan-African Rabies Control Network (PARACON) held at Johannesburg, South Africa from 12-14, September 2018.
4. **Dr. D. H. Ashwath Narayana:** Speaker at State IMA Conference at Kollam, Kerala, 10<sup>th</sup> November 2018.
5. **Dr. D. H. Ashwath Narayana:** Speaker at National conference on Emergency Medicine (EMCON), Bangalore on 18<sup>th</sup> November 2018.
6. **Dr. D. H. Ashwath Narayana:** Talk on "Prevention & Control of Rabies: Human perspective" at the meeting of Federation of Indian Animal Protection Organization (FIAPO), New Delhi on "Resolving Human-Dog Conflict in India: A One-Health Approach" New Delhi, 3<sup>rd</sup> November 2018.
7. **Dr. D. H. Ashwath Narayana:** Speaker at National CMEs on Rabies organized by APCRI held at Mallapuram, Kerala (25<sup>th</sup> February, 2018), Shivamogga, Karnataka (26<sup>th</sup> September, 2018), Anand, Gujarat (6<sup>th</sup> October 2018), Kolkata, West Bengal (17<sup>th</sup> November 2018).
8. **Dr. D. H. Ashwath Narayana:** Speaker at CME on Rabies held at KIMS, Huballi & SDM, Dharwad (11<sup>th</sup> January 2018); KMC, Manipal (25<sup>th</sup> May 2018) and MMCRI, Mysore (20<sup>th</sup> July 2018).
9. **Dr. Ramesh Masthi NR :** To conduct community surveys on dog bite incidence in humans and incidence of rabies in dogs & Determine the factors influencing the PEP seeking behaviors. 20<sup>th</sup> APCRICON , 6th-8th July, 2018, New Delhi.
10. **Dr. Ravish HS:** Pre-exposure Prophylaxis with an update on WHO-SAGE recommendations, 2018. APCRICON 6th-8th July, 2018, New Delhi.
11. **Dr. Anwith HS :** Safety of new indigenous human Rabies Monoclonal Antibody (RMAB) for Post Exposure Prophylaxis presented at 20<sup>th</sup> Association for prevention & control of rabies in India, New Delhi. APCRICON 6th-8th July, 2018, New Delhi.
12. **Dr. Anwith HS :** Sensitization of Teaching faculty of KIMS on Programmatic management of drug resistant Tuberculosis (PMDT) at KIMS Hospital on 22.03.2019.
13. **Dr. Anwith HS :** Speaker in CME on TB updates - guidelines and linkages organized by Karnataka Health Promotion Trust in association with BBMP at KIMS Hospital on 19.12.2019.
14. **Dr. Ramya MP:** Trends of animal bite cases and post exposure prophylaxis provided in anti-rabies clinic, Bangalore at the 62<sup>nd</sup> IPHACON 2018, Lucknow, Uttar Pradesh.
15. **Dr. Ramya MP:** Personal hygiene practices and skin diseases among primary school children of an urban poor locality at the 49<sup>th</sup> IAPSMCON 2018, Pune, Maharashtra.
16. **Dr. Ramya MP:** Post traumatic stress disorders among animal bite victims attending anti-rabies clinic at the 20<sup>th</sup> APCRICON 2018 , Delhi, Karnataka.

17. **Dr.Ramya MP:** Cost incurred by animal bite victims for availing post exposure prophylaxis against rabies at the 30<sup>th</sup> KACHCON 2018,Davangere, Karnataka.
18. **Dr.Manasa AR:** A cross sectional study on morbidities among sugar cane factory workers in Mandya district, Karnataka at the 68<sup>th</sup> Annual Conference of AOHK 2018 ,Bengaluru, Karnataka.
19. **Dr.Manasa AR:** Substance use among professional degree college students of Urban Bengaluru at KACHCON 2018,Davangere,Karnataka.
20. **Dr.Priyanka DS:** A profile on occupational health hazards among the working class of factories in an industrial area of Bengaluru at the 49<sup>th</sup> IAPSMCON 2018,Pune.
21. **Dr.Sweta Balappa Athani:** Prevalence of allergic disorders among urban school children in bengaluru city at KACHCON 2018,Davangere, Karnataka.
22. **Dr.Soubhagya K:** Assessment of Knowledge on Non-Communicable diseases and its Screening Tests among Elderly Population in an Urban area of Bengaluru at KACHCON 2018,Davangere,Karnataka.
23. **Dr.Nitu Kumari:** Severity of animal bite wounds and volume of RIG/ R-Mab required for wound infiltration, at the 20<sup>th</sup> APCRICON 20186th-8th July,2018, New Delhi.
24. **Dr.Nitu Kumari:** Study on obesity and menstrual abnormalities among women of reproductive age in urban field practice area of KIMS, Bangalore. at KACHCON 2018,Davangere,Karnataka.
25. **Dr.Afraz Jahan:** Measles-Rubella campaign-Coverage Evaluation Survey using Spatial mapping in a rural area, Bengaluru, Karnataka at KACHCON 2018,Davangere,Karnataka.

#### **Poster Presentation :**

26. **Dr.Prakruthi RA :** A study on parental knowledge and pattern of medicine use in acute respiratory infections among under five children in urban field practice area of Kempegowda Institute of Medical Sciences, Bangalore. 49<sup>th</sup> IAPSMCON 2018 ,Pune, Maharashtra.
27. **Dr.Pankaj Kumar:** Comparative study on vaccination default rates between Rural And Urban Static Immunisation Clinics in Bangalore at the 62<sup>nd</sup> IPHACON 2018 ,Lucknow, Uttar Pradesh.
28. **Dr.Pankaj Kumar:** A study on burden of ocular morbidities among adults in urban field practice of KIMS, Bangalore. 49<sup>th</sup> IAPSMCON 2018,Pune, Maharashtra.
29. **Dr. Ramu P:** Incidence of falls and it's associated factors among elderly population in rural area of Bangalore at KACHCON 2018,Davangere, Karnataka.
30. **Dr. Sweta Balappa Athani:** Awareness on prophylaxis against rabies among the general population in rural field practice area of KIMS, Bangalore. at the 20<sup>th</sup> APCRICON 20186th-8th July,2018,New Delhi.
31. **Dr.Afraz Jahan:** Appraisal of Anti-Rabies Clinics in the rural field practice area of Kempegowda Institute of Medical Sciences, Bangalore at the 20<sup>th</sup> APCRICON2018 6th-8th July,2018,New Delhi.

Dr.Ramya MP AND Dr.Manasa AR were adjudged best oral paper presentations.

### **Staff Activities :**

The anti rabies clinic in the KIMSH&RC,V V Puram , Bengaluru of the department was involved in clinical trails of rabies vaccine and safety of the new rabies monoclonal antibody immunoglobulin .The RHTC, Hosabyrohally and UHTC, Yarab Nagar were involved in providing the routine services along with undergraduate, Interns and Post Graduate teaching and training programs

The department staff were involved in routine conduct of RGUHS examinations for Undergraduate and Post graduate students both as external and internal examiners within the state and outside the state.

#### **Dr. D H Ashwath Narayana:**

- 1) Project Coordinator, WHO-APCRI Indian rabies Survey, 2017-18
- 2) Organizing Chairman, 20<sup>th</sup> National Conference of APCRI (APCRICON 2019) held at New Delhi on 7<sup>th</sup> & 8<sup>th</sup> July 2018
- 3) Member, team for assessing NABH Accreditation of Ethics Committee of Fortis Hospital, Bangalore on 30-31, July 2018
- 4) Member, Rapid Response & Disease Surveillance Team, Government of Karnataka for establishing Disease surveillance in Kodagu District affected by Floods & Landslides from 19-21, August 2018, Kodagu.
- 5) Participated in 6<sup>th</sup> National conference on Forum for Ethical Review Committee in India (FERCICON) at KMC, Mangalore on 29-30, November 2018.
- 6) Mentors & WHO- Epidemic Intelligence Services (EIS) Officers meeting at New Delhi on 4<sup>th</sup> December, 2018.
- 7) 1<sup>st</sup> Asian Rabies Advisory Group of Experts (ARAGE) meeting at Bangkok, Thailand on 13-14, December, 2018.
- 8) ICMR-NCDC Expert consultation on reviewing burden of rabies on 28<sup>th</sup> December at ICMR Hqrs, New Delhi.

#### **Dr.Chethana R.**

Session Judge –KIMS WHO model 2018

#### **Dr.N R Ramesh Masthi**

Co investigator : Community Survey-WHO-APCRI Indian Rabies study 2017-18

Session Judge : Oral Paper presentation – KACHCON18

Session Judge –KIMS WHO model 2018

#### **Dr.Ravish H S**

Co investigator : PEP -WHO-APCRI Indian Rabies study 2017-18

Mentor for WHO-Epidemic Intelligence Services

Guest speaker on Rabies at CME's in Malappuram, Kerala & Anand, Gujarat.

**Dr.Jayanthi Srikanth :**

Session Judge –KIMS WHO model 2018

**Dr.Giriyanna :**

External assessor for KAYAKALPA AWARD 2018 for the best government hospitals in Karnataka

**Dr.Anwith H S :**

Co Investigator : MDA 15th Round of Mass Drug Administration Programme for elimination of Lymphatic Filariasis in Yadgir & Kalaburagi District, Karnataka,2018.

**Intensified Pulse Polio Immunization(IPPI) :**

**Dr.Manasa AR,Dr.Afraz Jahan, Dr.Nitu Kumari, Dr.Soubhagya** Post Graduates from the department were involved in the monitoring of IPPI in bengaluru urban and rural districts.

**Mission Indradhanush :**

**Dr.Manasa AR,Dr.Afraz Jahan, Dr.Nitu Kumari, Dr.Soubhagya,Dr.Sweta B A,Dr. Thenambigai** Post Graduates from the department were involved in the monitoring of Mission Indra dhanush in Urban bengaluru district.

Dr.Pruthvi S, Dr.Nandini R C, Dr Kavya Upadhya G, Dr Iswarya S, Dr Thejaswini P, Dr Seema K S, have completed the course with flying colors. Dr. Sunil MG Dr. Saranya K Dr. Deepthi Nagaraj Dr.Jithin Surendran and Dr,Karishma Pillai are the new Post Graduates to have joined the department



Dr. Ashwath Narayana, Professor & HOD, Teaching staff, Nonteaching staff





Dr. Ashwath Narayana, Professor & HOD : National & International Assignments



Dr. Giriyantha G - External Assessor – Kayakalpa award 2018 ,Mysore District



Dr. Anwith HS (3<sup>rd</sup> from left)- MDA evaluation, Gulbarga District(2108) with Dr. Sunil, PG along with district staff