

Kempegowda Institute of Medical Sciences Bangalore



ANNUAL REPORT

1st April, 2013 to 31st March, 2014

ADDRESS

Department of Community Medicine

Kempegowda Institute of Medical Sciences, Bangalore

Banashankari – II Stage, Bangalore-70.

Ph: 080-26712791/92; Fax: 080-26712798

Website : www.kimscommunitymedicine.org

Email : communitymedicine@kimsbangalore.edu.in

Special Activities:

CME on National programme for prevention & control of Non-Communicable Diseases on Friday 19th July, 2013, KIMS, Bangalore:

A CME on National programme for prevention & control of Non Communicable Diseases was jointly organized by Karnataka Association of Community Health (KACH) in collaboration with department of Community Medicine, Kempegowda Institute of Medical Sciences (KIMS), Bangalore on Friday 19th July 2013 between 2.30- 5.00 PM at Lecture hall 1, KIMS, Bangalore. This activity was curtain raiser to Silver jubilee conference of KACH. About 100 delegates which included staff and postgraduates from medical colleges situated in Karnataka attended the programme.

KIMS Community Medicine Alumni Meet - 26th January 2014:

The first KIMS Community Medicine Alumnus meet was held on 26th January 2014. An informal get together was held to express gratitude to teachers and to network with fellow alumni and current post graduates on 26th January 2014 in Confident Cascade Resort, Bannerghatta road, Bangalore. The occasion was graced by 30 Alumni with their family members from all batches from various parts of our state and outside the country. Guest attendees also included teaching faculty and non-teaching faculty with their family members.

The meet started with invocation song, welcome speech and information on the objectives of KIMS Community Medicine Alumnus. This was followed by felicitation of our experienced and respected senior staff Dr. A.N. Armugam, Dr. M.K. Sudarshan, Dr. B.G. Parasuramalu, Dr. M.S. Rajanna and Dr. Gangaboraiah. They shared their experience in this department and how hard work helped them to reach great height in teaching carrier and brought them success. Also current teaching faculties, non-teaching faculties, nursing staffs in the department were honored with mementoes. Kaleidoscope, a book containing details of alumnus and current

postgraduates was released. A walk down memory with photos from different time periods depicting the departmental activities since the inception was projected. This was followed by talks from the alumni. They shared their experiences in this department during their post-graduation and also spoke on how staff helped to enhance their knowledge in the field of Community Medicine including inculcation of leadership and managerial qualities in them. This was followed by group photo sessions and vote of thanks. An adhoc committee was conceived to oversee the activities planned. This was followed by cultural activities and sports for alumni and current PGs. The meet ended with promise to meet again.

Training of trainers (TOT) programme on Nutrition & Health for ICDS functionaries, 10th to 14th February 2014:

A five day TOT programme was organized and conducted in the department of Community Medicine, KIMS, Bangalore for CDPO's & ACDPO's of Bangalore & Ramanagara District as per the request of Food & Nutrition Board, Ministry of Women and Child development, Government of India. 25 functionaries participated in the programme and were given training regarding the nutrition policy, care to prevent malnutrition (macro-nutrient & micronutrient deficiency) at the community level and low cost foods to prevent malnutrition among children & adolescent girls.

Brief news:

World Health Day 2013:

6th term students made presentations on the World Health Day theme 2013 - Control your blood pressure at Lecture hall-1, KIMS, Banashankari college campus, Bangalore on 8th April, 2013. Interns, postgraduates and staff were also present. It was followed by distribution of certificates to the students & discussion on the subject.

Visit to Allergy clinic, Germany, April, 2013:

Dr. B. G. Parasuramalu, Professor and Head, In-charge allergy center, Dr. Chitra Nagaraj

Associate Professor and Dr. Girianna Gowda, Assistant Professor visited Munster and Hamberg, Germany from 14th to 17th April 2013. They attended training programme on allergy at Allergy Clinic, University Hospital Munster and Reinbek, Hamberg, Germany.

Visit of Dr. Charles Rupert to Banashankari Maternity Home (BMH), Bangalore, 8th July, 2013:

Dr. Charles Rupert (retired) chief of rabies programme, CDC, Atlanta and executive member GARC had visited Intra dermal rabies clinic (IDRV) of BMH (Urban Health Centre attached to KIMS, Bangalore) on 8th July, 2013. He was accompanied by Dr. M. K. Sudarshan, Dean & Principal, KIMS, Bangalore who explained about the functioning of the IDRV clinic.

Guest Lecture by Dr. V M Gupta, 28th January, 2014:

A guest lecture was delivered by Dr. V. M. Gupta, (former professor of Community Medicine, BHU, Banaras) at the department on 28th January 2014. He gave a talk on Art and Science of Research Methodology. Dr. N. S. N. Rao (former professor of statistics) was the guest of honour. Dr. M. K. Sudarshan welcomed the gathering. All the staff and post graduates of the department were present. The lecture was followed by question and answer session.

Visit of Dr. Bernadette Abela-Ridder, Team leader-Zoonotic Disease, Neglected Tropical Diseases, WHO, Geneva to Anti Rabies Clinic (ARC) KIMSH & RC, Bangalore, 22nd February, 2014.

Dr. Bernadette Abela-Ridder, Team leader Zoonotic Disease, Neglected Tropical Diseases, WHO, Geneva visited the ARC at KIMSH & RC on 22nd February, 2014. She was apprised of activities done in the ARC by Dr. D. H. Ashwath Narayana, Professor and HOD. She also visited the medical college at KIMS, Banashankari campus. She was accompanied by Dr. Ahmed, President of the Rabies in Asia, Bangladesh chapter.

Superannuation retirement of Dr. B G Parasuramalu

Dr. B. G. Parasurmalu, Professor and Head of Community Medicine retired from service on 31st January 2014. He joined as assistant professor in march, 1986 and had put more than 28 years of service in the department. He became Professor and Head of the department in 2005 and continued till retirement. He was instrumental in the development of allergy unit at KIMSH & RC, which over the years has established itself as a unit of excellence and the only one of its kind in a medical college to the country. During his long and illustrious career, he was involved in the development of the department and worked as principal investigator, co-investigator in various international, national and state level clinical trials, projects, activities, research studies etc. He has been a president, organizing secretary, chairperson, invited speaker of various organizations, conferences, etc. He was very active academically as teacher par excellence for undergraduate and post graduates students and also examiner in southern states of the country. The department is forever grateful for his contribution and will truly miss him.

Research articles published by staff:

1. **M K Sudarshan, D H Ashwath Narayana, N R Ramesh Masthi, M L Satyanarayana, Praveen Kulkarni, S N Madhusudana, B C Ramakrishna and Gangabaraiah.** Rural rabies prevention project: A 'one health' experiment in India. International Journal of Tropical Disease & Health 2013;3(2):104-113.
2. **Mysore Kalappa Sudarshan, Doddabele Hanumanthaiah Ashwath Narayana, Ramesh Holla.** An epidemiological appraisal of effectiveness of interchangeability of rabies vaccine for post exposure prophylaxis in Bangalore city, India. APCRI Journal 2013 Jan;14(2):6-9.
3. **B. G. Parasuramalu, N. Huiraj, S. P. Prashanth Kumar, Gangabaraiah, N. R. Ramesh Masthi, C. R. Srinivasa Babu.** Prevalence of chronic obstructive pulmonary

- disease and its association with tobacco smoking and environmental tobacco smoke exposure among rural population. Indian Journal of Public Health 2014 Jan-Mar;58(1):45-9.
4. **Ashwath Narayana D H, Madhusudana S N, Sampath G, Tripathy R M, Sudarshan M K, Gangaboraiah.** Safety and immunogenicity study of a new purified chick embryo cell rabies vaccine, Vaxirab N (Pitman- Moore strain) manufactured in India. HVAI 2014; 10(1):2796-801.
 5. **Nugehally Raju Ramesh Masthi, Doddabele Hanumanthappa Ashwath Narayana, Praveen Kulkarni, Gangaboraiah, Ashwin Belludi.** Epidemiology and prevention of animal bite and human rabies in a rural community - one health experiment. Asia Pacific Journal of Tropical Diseases 2014; 4(Suppl 1):486-90.
 6. **T V Sanjay, S G Kishore, Giriyantha Gowda, K Ravi Kumar.** An evaluation of mass drug administration (MDA) for the elimination of lymphatic filariasis in Raichur district, Karnataka. Indian journal of Preventive Social Medicine 2012 Apr-Jun;43(2):197-201.
 7. **Sanjay T Varadappa, Prashanth Kumar S Prakash, Gangaboraiah, Ramesh Masthi N Raju, Lakshmeesha Y Subbanna.** Prevalence of obesity among college students in rural area of Bangalore. National Journal of Community Medicine 2014 Jan-Mar;5(1):42-5.
 8. **Haradanahalli S Ravish, Jayanthi Srikanth, Doddabele Hanumanthappa Ashwath Narayana, Rachana Annadani, Veena Vijayashankar and Malatesh Undi.** Pre-exposure prophylaxis against rabies in children. Safety of purified chick embryo cell rabies vaccine (Vaxirab N) when administered by intradermal route. Human Vaccines & Immunotherapeutics 2013 Sep;9(9):1910-3.
 9. **Ravish Haradanahalli S, Rachana R Annadani, Veena Vijayashankar, Malatesh Undi.** Medical termination of pregnancy and subsequent adoption of contraception. International Journal of Reproduction, Contraception, Obstetrics and Gynecology 2013;2(3):367-71.
 10. **Ravish H S, Gangaboraiah B, D H Ashwath Narayana, Rachana Annadani, Veena Vijayashankar.** Knowledge, attitude, and practice of rabies prophylaxis among physicians at Indian animal bite clinics. Asian Biomedicine 2013;7(2):237-42.
 11. **Ravish H S, Sheela P H, Katti S M, Wamtutte A S.** Menstrual practices among adolescent girls in rural area. IJCAH 2013;6(3):305-9.
 12. **Ravish HS, Sudarshan MK, Madhusudana SN, Annadani RR, Narayana DH, Belludi AY, Anandaiah G, Vijayashankar V.** Assessing safety and immunogenicity of post-exposure prophylaxis following interchangeability of rabies vaccines in humans. Hum Vaccin Immunother. 2014 Feb 28;10(5). [Epub ahead of print].
 13. **Chitra Nagaraj.** Newspaper as a tool for learning community medicine: an exploratory study. IJAJIMS 2013;2:42-3.
 14. **Jayanthi Srikanth, Jayanth Kumar P, Narasimha Murthy N S.** Factors influencing obesity among urban high school children in Bangalore city. IJND 2011;48(1):8-17.
 15. **Giriyantha Gowda, Chitra Nagaraj, Parasuramalu B G, Huliraj N.** Aeroallergen sensitivity among patients suffering from bronchial asthma in Bangalore. International Journal of Health and Allied Sciences 2013;2(4):237-41.
 16. **Praveen Kulkarni, N R Ramesh Masthi, SR Niveditha, R Suvarna.** The prevalence of the Beta Thalassemia Trait among the pregnant women who attended the ANC Clinic in a PHC, by using the NESTROF test in Bangalore, Karnataka. Journal of Clinical and Diagnostic Research 2013 Jul;7(7):1414-17.
 17. **R Vinay Kumar, N R Ramesh Masthi.** Knowledge of undergraduate medical students on universal and isolation precautions: Indian study. RGUHS J Med Sciences 2013 Apr; 3(2):78-84.
 18. **R Balaji, B G Parasuramalu, B V Chandregowda, Gangaboraiah.** Safety, tolerability and clinical efficacy of ultra-rush sublingual

immunotherapy among patients suffering from allergic rhinitis. Allergo immunopathol (madr) 2013.

19. **Maltesh Undi, N R Ramesh Masthi.** Knowledge and practice of primary care providers, health care providers and school teachers regarding human rabies and its prevention in rural area, near Bangalore. APCRI Journal 2013 Jan;15(2);15-8.

Conference Presentations:

International:

1. **Dr. M K Sudarshan:** Foundation speech about Rabies in Asia Foundation. RIACON 2013, Bangkok, Thailand; 11th-13th September, 2013.
2. **Dr. D H Ashwath Narayana:** Safety and immunogenicity of one week ID regimen in rabies exposed individuals. RIACON 2013, Bangkok, Thailand; 11th-13th September, 2013.
3. **Dr. N R Ramesh Masthi:** Global Positioning System: A new tool for measurement of animal bites. RIACON 2013, Bangkok, Thailand; 11th-13th September, 2013.
4. **Dr. N R Ramesh Masthi:** Global Positioning System: A new tool for measurement of animal bites and human rabies in rural community. International conference of Common Wealth Veterinary Association, Bangalore; 20th-24th February 2014.
5. **Dr. H S Ravish:** Interchangeability of route or type/brand of anti-rabies vaccines in post exposure prophylaxis: Safety & Immunogenicity study. RIACON 2013, Bangkok, Thailand; 11th-13th September, 2013.

National:

1. **Dr. M K Sudarshan:** Current WHO guidelines for rabies pre and post-exposure prophylaxis in humans. APCRICON 2013 Pune; 6th & 7th July, 2013.
2. **Dr. D H Ashwath Narayana:** Comparison of safety and immunogenicity of purified chick embryo cell vaccine and purified verocell rabies vaccine administered by one week intra dermal

regimen (4-4-4-0-0) in animal bite cases: Interim results. APCRICON 2013 Pune; 6th & 7th July, 2013.

3. **Dr. D. H. Ashwath Narayana:** National and WHO Guidelines on rabies prophylaxis. 58th Annual National Conference of Indian Public Health Association (IPHACON14), Sri Venkateswara Medical College, Tirupati, Andhra Pradesh; 22nd – 24th January, 2014.
4. **Dr. N R Ramesh Masthi:** Global Positioning System: A new tool for measurement of animal bites and human rabies in rural community. APCRICON 2013 Pune; 6th & 7th July, 2013.
5. **Dr. H S Ravish:** Interchangeability of route or type/brand of anti-rabies vaccines in post exposure prophylaxis: Safety & Immunogenicity study. APCRICON 2013 Pune; 6th & 7th July, 2013.
6. **Dr. V Veena:** Compliance to anti rabies vaccination. APCRICON 2013 Pune; 6th & 7th July, 2013.
7. **Dr. Malatesh Undi:** Sources of animal bite management preferred by women in a rural area. APCRICON 2013 Pune; 6th & 7th July, 2013.
8. **Dr. A R Rachana:** Re-exposures to animal bites. APCRICON 2013 Pune; 6th & 7th July, 2013.
9. **Dr. Sharmila K N:** Assessing the job satisfaction of Accredited Social Health Activists. 58th Annual National Conference; IPHACON14, Sri Venkateswara Medical College, Tirupati, Andhra Pradesh; 22nd – 24th January, 2014.
10. **Dr. Shilpa:** Psychological Distress among Infertile Couples in a Rural Area. 58th Annual National Conference; IPHACON14, Sri Venkateswara Medical College, Tirupati, Andhra Pradesh; 22nd – 24th January, 2014.
11. **Dr. Kavita S. Konapur:** Effect of Dysmenorrhea on Routine Activities of Adolescent School Girls in Selected Rural Areas of Bangalore. 58th Annual National Conference; IPHACON14, Sri Venkateswara Medical College, Tirupati, Andhra Pradesh; 22nd – 24th January, 2014.
12. **Dr. Kavita S. Konapur:** Maternal Biosocial Factors Influencing New Born Anthropometric

Indices at a Corporation Maternity Home in Bangalore City. 41st Annual National Conference of Indian Association of Preventive and Social Medicine, Agartala, Tripura; 6th – 8th February, 2014.

13. **Dr. Aravind M:** A Clinical Evaluation of Safety and Immunogenicity of Rabipur and Verorab administered Using One Week Intradermal Regimen (4-4-4-0-0) in Animal Bite Cases. 58th Annual National Conference; IPHACON14, Sri Venkateswara Medical College, Tirupati, Andhra Pradesh; 22nd – 24th January, 2014.
14. **Dr. Madhusudan M:** Global Positioning System - An Innovative Tool in the Investigation of an Outbreak of Cholera in a Village, Bangalore Urban District, Karnataka. 58th Annual National Conference; IPHACON14, Sri Venkateswara Medical College, Tirupati, Andhra Pradesh; 22nd – 24th January, 2014.

State:

1. **Dr. D H Ashwath Narayana:** Post exposure prophylaxis in rabies. 25th KACHCON; 30th November, 2013.
2. **Dr. H S Ravish:** Intra dermal rabies vaccination. 25th KACHCON; 30th November, 2013.
3. **Dr. Shilpa:** Prevalence and Biosocial Correlates of Infertility in Rural Field Practice Area. 25th KACHCON; December, 2013.
4. **Dr. Malatesh Undi:** Evaluation of Mass Drug Administration Programme for lymphatic filariasis in Bidar, District Karnataka, India. 25th KACHCON; December, 2013.
5. **Dr. Rachana A R:** Safety and Immunogenicity of Intradermal Rabies Vaccine. 25th KACHCON; December, 2013.
6. **Dr. Sridevi Kulkarni:** Impact of Health Education regarding Dengue Fever among Link Workers of Urban Health Centers of Bangalore City. 25th KACHCON; December, 2013.
7. **Dr. Anagha M.V:** A Study on Occupational Asthma in Silk Filature workers. 25th KACHCON; December, 2013.
8. **Dr. Yannick P Puthussery:** Physical exercise

practices among elderly type 2 diabetic patients in a tertiary care hospital. The 4th Annual Conference of the Karnataka Chapter of the Indian Academy of Geriatrics (KARGERICON); 6th December, 2013.

Poster Presentations:

1. **Dr. Kavita S. Konapur:** Effect of Health Education on Knowledge, Attitude and Practices Regarding Menstruation among Rural High School Girls. 25th KACHCON, December, 2013.
2. **Dr. Tejashwini K:** Caregiver Burden: Emerging Issue in Caregivers in Care of Impaired Elderly. 25th KACHCON, December, 2013.
3. **Dr. Madhusudan:** GPS as a tool for investigation of an outbreak of cholera in a village of Bangalore Urban District, Karnataka, India. 25th KACHCON, December, 2013.

Dr. Yannick P Puthussery and **Dr. Tejashwini K** were awarded first prize in medical quiz at KARGERICON 2013 at St. John's Medical College, Bangalore.

Staff Activities (Important):

Dr. M K Sudarshan:

- **Chairperson:** Chaired the workshop on developing guidelines for assessing rabies free status of Nilgiris, Tamil Nadu, and delivered a talk on "assessing rabies free areas at Pasteur Institute of India, Coonoor" on 30th August, 2013.
- **Speaker:** Delivered a talk on requirements of Medical Council of India for research in medical colleges, types of study designs and research paper, structure of an original research paper, choosing a target journal and peer review in workshops conducted by Rajiv Gandhi University of Health Sciences & Karnataka Medical Council in MIMS, Mandya on October 2013, in KIMS, Bangalore on February 2014 and in SSIMS, Davanagere on March, 2014.
- **Mentor:** Epidemic Intelligence Services, National Center for Disease Control, Delhi, as mentor and attended the workshops in October 2013,

February and March, 2014.

- Organized the 2nd RGUHS Workshops on "Motivation for research and how to write scientific papers" at KIMS, Bangalore, February 2014.

Dr. D H Aswath Narayana:

- **Professor and HOD** since 1st February, 2014.
- **Executive Director** - RIA Foundation.
- **Central council member (South)** - IPHA
- **Principal Investigator** - Rabies vaccine trial.

Dr. Gangaboriah:

- **Invited speaker** — 2nd & 3rd RGUHS workshop on motivation and research writing, in KIMS, Bangalore on February 2014 and in SSIMS, Davanagere on March 2014.

Dr. N R Ramesh Masthi:

- **Organizing Secretary:** 2nd RGUHS workshop on motivation and research writing, KIMSRC, Bangalore, February 2014.
- **Editorial board member** - IPHA Journal.
- **Editorial board member** - RGUHS Journal of Medical sciences.
- **Speaker** – TOT workshop, Government of India, February 2014.

Dr. R Chethana:

- **Speaker** – TOT workshop, Government of India, February 2014.

Dr. T V Sanjay:

- **Speaker** – TOT workshop, Government of India, February 2014.
- **Teacher in charge**, Undergraduate training.

Dr. Chitra Nagaraj:

- **Guide**, student project on Indian Council of Medical Research (ICMR).
- **Coordinator**, orientation course for the first

year MBBS batch of 2012-2013.

- **Delegate**, Medical Education Coordinators meets RGUHS, 9th August 2012.

Dr. H S Ravish:

- **Organizing secretary and speaker** – TOT workshop, Government of India, February 2014.
- **Treasurer** - RIA Foundation

Dr. Jayanthi Srikanth:

- **Guide**—student project on ICMR .
- **Speaker** – TOT workshop, Government of India, February 2014.

Dr. Koradhanyamath:

- **Speaker** – TOT workshop, Government of India, February 2014.

Dr. Girianna Gowda:

- **M Sundaramma Young scientist Award** for best research work NCIAAI 2012.
- **Resource person:** Preconference workshop on allergy testing and Immunotherapy - NCPAAI.
- **Delegate:** 2nd WAOISCON, December 2012.
- **Delegate:** 46th ICAAICON 2012.

Other news:

Post Graduates:

Drs. **M R Satish Chandra, Jahnavi Rajagopal, S Rekha & V Veena** had completed the course successfully. **Drs. Anwith H S, Vairavasolai P, Rupsa Banerjee, Kulrajat Bhasin, Chandana Krishna, Nimin Hafeez** are the new postgraduates to have joined the department from May 2013.

Interns:

About 92 interns from the 2008 batch had completed the internship training programme successfully. A few of the interns had participated as volunteers and field investigators in the different projects and activities of the department. One of the presentations by the intern was awarded the best paper presented in KACHCON 2013.



Prof. Dr. Thomas A Luger, Chairman (First from left), Prof. Dr. Randolph Brehler (Fifth from left), Head, Division of Allergy, Dr B G Parasuramalu (Sixth from left), Professor & HOD, KIMS Bangalore along with staff of KIMS, Bangalore at University Hospital Munster, Germany, April 2013.



Dr M K Sudarshan, Dean & Principal (3rd from left) along with staff and postgraduates at 15th APCRICON, PUNE 2013.



IDRV Clinic- Dr. Charles Rupert, Retired chief of laboratories, zoonotic diseases, CDC, Atlanta (4th from left), Dr. M K Sudarshan (3rd from left), Dean & Principal, KIMS, Bangalore and post graduates at Banshankari Maternity Home , Bangalore, July, 2013.



CME on Non Communicable Diseases- Dr. Shivaram (3rd from left) President of 25th KACHCON, Dr. M K Sudarshan, Dean and Principal along with the other dignitaries, July 2013.



Dr. Bernadette Abela-Ridder(3rd from left), Team leader-Zoonotic disease, WHO, Geneva along with president of RIAF, Bangladesh (6th from left), Dr. D H Ashwath Narayana (2nd from left), Professor & HOD – Visit to Anti Rabies Clinic, KIMSH & RC, Bangalore, February, 2014.



Dr. B G Parasuramalu, Professor & HOD, last working day at KIMS, Bangalore along with department staff, post graduates and non-teaching staff, January 2014.



Guest Lecture: Professor V M Gupta (3rd from left) at seminar hall, Community Medicine department, KIMS, Bangalore, February, 2014.



Inaugural function: TOT in Nutrition and Health, seminar hall, Community Medicine department, KIMS, Bangalore, March, 2014.