

**Kempegowda Institute of Medical Sciences, Bangalore**

**Department of Community Medicine**

**Annual Report**

**1<sup>st</sup> April, 2009 to 31<sup>st</sup> March, 2010**

ADDRESS

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### World Health Day-2009:

Amirtha Varsheni M, Aishwarya B, Shwetha S, & Mona Ufra Shaik of 6<sup>th</sup> term made presentations on the world health day theme 2009 – Safe Lives, Make Hospitals safe in Emergencies on 12<sup>th</sup> April, 2009. About 90 students from 6<sup>th</sup> term participated. The staff of the department of Community Medicine were present. The presentation was followed by discussion on the subject & distribution of certificates to the students.

### Investigation of an outbreak of GE in Bangalore city, May 2009:

The department of Community Medicine was involved in the investigation of an outbreak of cholera in Bangalore city during the month of May 2009. The postgraduates of the department under the guidance of Dr. B G Parasuramalu conducted the investigation. A report was prepared and submitted. The study was also presented as a paper in the KACH Conference.

### Indira Gandhi National Open University (IGNOU), New Delhi:

The 14<sup>th</sup> batch of IGNOU students in the Post Graduate Diploma in Maternal & Child Health completed the course conducted during the year. About 33 students had enrolled for the course including 15 doctors posted from the government sector.

### Training of Trainers (TOT) programme - Intra Dermal Rabies Vaccination (IDRV) & RIG administration:

A TOT programme for state government doctors on IDRV & RIG administration was conducted at the Preventive Medicine Unit, Anti Rabies Clinic, KIMS Hospital & Research Centre, Bangalore-4 from 20<sup>th</sup>-27<sup>th</sup> June, 2009 in three batches. About 58 doctors were trained during the programme.

### Screening for H1N1 at Bangalore International Airport:

The staff, postgraduate students of community medicine and interns conducted the screening for H1N1 disease of the International passengers from 1<sup>st</sup> September, 2009 to 15<sup>th</sup> September, 2009 at the Bangalore International Airport, Bangalore. About 20,000 passengers were screened during this period.

### Adopt a village – Rabies prevention project :

The Global Alliance for Rabies Control (GARC), Rabies in Asia Foundation (RIAF), Commonwealth Veterinary Association (CVA), the Department of Community Medicine, Kempegowda Institute of Medical Sciences, Bangalore, Government Veterinary College, Hebbal, Bangalore and the Department of Neurovirology, NIMHANS, Bangalore have come together for a novel rural rabies prevention project. The project is for a period of 2 years and was started on 1<sup>st</sup> December 2009 and will conclude by 31<sup>st</sup> November 2011. The aim of the project is to reduce the incidence of both human and animal rabies in the rural community.

### Intensified Pulse Polio Immunization Programme (IPPI) NID rounds of 2010:

The students of KIMS (4<sup>th</sup> term) & staff of the community medicine department were actively involved in the NID rounds of IPPI on 10<sup>th</sup> January, 2010 & 7<sup>th</sup> February 2010. This is the fifteenth successive year of participation by the department for the eradication of polio since the inception of the programme in 1995.

### CME on Rabies for Interns :

A CME on rabies for interns was organized by the department of community medicine on 17<sup>th</sup> February, 2010 at KIMSH&RC, Bangalore-4. About 30 interns had participated. The CME concluded with interactive discussion on the various aspects of prevention and control of rabies.

### Workshop on Intra dermal rabies vaccination (IDRV) for BBMP Medical, health and veterinary staff :

A one day workshop on IDRV for BBMP Medical, health and veterinary staff was held on 22<sup>nd</sup> March, 2010 at KIMS College, Banashanankari – II stage, Bangalore – 70. About 96 hospital staff from BBMP were trained in the newer concepts of IDRV.

### Congratulations :

The staff of the department of Community Medicine congratulate **Dr. M K Sudarshan, Dean and Principal and Professor of Community Medicine** for having been awarded the Honorary Fellowship in Public Health by the faculty of the Royal College of Physicians, United Kingdom for the year 2010.

## Research Articles published by the staff Members:

1. **M K Sudarshan, D H Ashwath Narayana** (2010): A clinical evaluation of usage of rabies Immunoglobulins; APCRI journal, Vol XI, Issue 2, Jan 2010.
2. **D H Ashwath Narayana** et al (2010): A comparative study on the Safety and Immunogenicity of purified duck embryo cell vaccine (PDEV, Vaxirab) with purified chick embryo cell vaccine (PCEC, Rabipur) and purified vero cell rabies vaccine (PVRV, Verorab); Vaccine, 28, 148-151.
3. Dr. Madhu K, Dr. Sri Ram Chowdary & **Dr. N R Ramesh Masthi** : Breast feeding practices and new born care in rural area:A descriptive cross sectional study; Indian Journal of Community Medicine ; Vol 34/Issue 3 / July 2009 /P-243-246.
4. **Dr. N R Ramesh Masthi** et al :School Immunization Programme in two primary health centres at Kengeri; Health and Population:Perspectives and Issues; Vol 31 (4 ), P- 229-233,2008.
5. Dr. Lalitha, **Dr. N R Ramesh Masthi, Dr.Ashwath Narayana & Dr. Gangaboriah**:No-Scalpel Vasectomy: An urban and Rural Scenario; Newsletter Number01, Womens Health, Volume 28, June 2009/P-16.
6. **Dr. N R Ramesh Masthi & Dr. T V Sanjay**: Utilization of the subcentre by the community in a PHC, Bangalore rural ; Karnataka Journal of Community Health ,Volume 20, (2008 -09); P- 49 -61.
7. **Dr. Chitra Nagaraj et al** : Factors Associated with Hypertension in Sweepers Working under Bangalore City Corporation ; Karnataka Journal of Community Health, Volume 20, (2008 -09) 49 - 61.KACH ISSN – 0971 – 300X.
2. A survey of hospitals managing human rabies cases in India - **Dr. M K Sudarshan, Dean and Principal & Professor of Community Medicine**,11<sup>th</sup> National conference of Association for Prevention and Control of Rabies in India (Apricon09),4-5<sup>th</sup> July 2009, Trivandrum,Kerala.
3. Immunotherapy- **B M Patil Oration – Dr. B G Parasuramalu**, Professor & HOD of Community Medicine at the 21<sup>st</sup> annual conference of Karnataka Association of Community Health(KACH) held at JSS medical college , Mysore,10-11<sup>th</sup> October,2009.
4. Geriatric Care in India - **Dr.B G Parasuramalu** Professor & HOD of Community Medicine, CME on geriatrics held at SDMC Dharwad 22<sup>nd</sup>February, 2010.
5. Clinical trials on PDEV vaccine- **Dr. D H Ashwath Narayana**,Associate Professor, Speaker at the International symposium on rabies,Hong Kong,China on 17<sup>th</sup> May,2009.
6. An overview of Clinical trials with Purified Duck Embryo Vaccine(PDEV): Indian Experiences— **Dr. D H Ashwath Narayana**, Associate Professor, Speaker at the 2<sup>nd</sup> International rabies in Asia conference held at Hanoi, Vietnam, september 9-11<sup>th</sup>,2009.
7. An overview of Clinical trials with Purified Duck Embryo Vaccine(PDEV): Indian Experiences- **Dr. D H Ashwath Narayana**,Associate Professor Speaker,at 11<sup>th</sup> National conference of Association for Prevention and Control of Rabies in India (Apricon09),4-5<sup>th</sup> July 2009,Trivandrum,Kerala.
8. Assessing the relationship between antigenicity &Immunogenicity of human rabies vaccine when administered by intradermal route: Results of a meta –analysis-**Dr. H S Ravish**,Assistant Professor, Speaker,at the 2nd International rabies in Asia conference held at Hanoi, Vietnam, september 9-11<sup>th</sup>,2009.

## Speaker / Research Papers :

1. Rabies in Asia Foundation-**Dr. M K Sudarshan, Dean and Principal & Professor** of Community Medicine - Speaker at the 2<sup>nd</sup> International rabies in Asia conference held at **Hanoi, Vietnam**, September 9-11th,2009.
9. Assesing the relationship between antigenicity & Immunogenicity of human rabies vaccine when administered by intradermal route: Results of a meta-analysis; **Dr.H S Ravish**, Assistant Professor ,Speaker,at the 11<sup>th</sup> National conference of Apricon09, 4-5<sup>th</sup> July 2009,Trivandrum,Kerala.

10. Factors influencing the performance of students of KIMS, Bangalore, Poster Presentation – **Dr. Chitra Nagaraj**, Assistant Professor, 2<sup>nd</sup> National conference on health professional education held at Pune from 11<sup>th</sup> to 13<sup>th</sup> December, 2009.
  11. Why do medical students under perform? – **Dr. Chitra Nagaraj**, Assistant Professor, 21<sup>th</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  12. Prevalence of bronchial asthma among adult population in the rural field practice area of KIMS, Bangalore - **Dr. S P Prashanth Kumar**, 43<sup>rd</sup> Annual conference of ICAAICON09, held at Chandigarh, 1-4<sup>th</sup> October, 2009.
  13. Adolescent Obesity among college students. - **Dr. S P Prashanth Kumar**, Post Graduate- 21<sup>st</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  14. Adolescent Obesity among college students. - **Dr. S P Prashanth Kumar**, Post Graduate- 54<sup>th</sup> National conference of IPHA held at AMC, Vizagapatam, 22-24<sup>th</sup> January, 2010.
  15. Prevalence of bronchial asthma among adult population in the rural field practice area of KIMS, Bangalore- **Dr. S P Prashanth Kumar**, Post Graduate –Poster presentation in the CME - STIMER 2010 at MMC&RC, Mysore, 4<sup>th</sup> February, 2010.
  16. A study on teenage pregnancy in the rural field practice area of KIMS, Bangalore - **Dr. N Shakila**, Post Graduate-21<sup>st</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  17. Clinical Evaluation of Safety and Immunogenicity of Indirab and Verorab using updated TRC regimen in healthy volunteers - **Dr. N Shakila**, Post Graduate – Poster presentation in the CME - STIMER 2010 at MMC&RC, Mysore, 4<sup>th</sup> February, 2010.
  18. Prevalence of Domestic Accidents in a rural community - **Dr. S G Kishore**, Post Graduate- 54<sup>th</sup> National conference of IPHA held at AMC, Vizagapatam, 22-24<sup>th</sup> January, 2010.
  19. Prevalence of Domestic Accidents in a rural community - **Dr. S G Kishore**, Post Graduate- 21<sup>st</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  20. Injury surveillance in a tertiary care hospital in Bangalore city — **Dr. Giryanna Gowda**, Post Graduate- 54<sup>th</sup> National conference of IPHA held at AMC, Vizagapatam, 22-24<sup>th</sup> January, 2010.
  21. Injury surveillance programme at KIMS Hospital, Bangalore — **Dr. Giryanna Gowda**, Post Graduate- 21<sup>th</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  22. Investigation of an outbreak of Diarrhea in Bahkshi Garden, Bangalore- **Dr. R Balaji** Post Graduate- 21<sup>th</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  23. Profile of entry screening of International Passengers for HINI and management in Bangalore-. **Dr. Praveen Kulkarni**, Post Graduate- 21<sup>st</sup> Annual conference of Karnataka Association of Community Health (KACH), JSS medical college, Mysore, 10-11<sup>th</sup> October, 2009.
  24. Are tomorrows doctors honest? A cross sectional study from an urban private medical college in Karnataka—**Miss Aishwarya B Gowda**, VII<sup>th</sup> term student, 21<sup>st</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
  25. To identify common factors contributing to the occurrence of respiratory tract infection in Urban poor locality.—**Miss. Krithika chopra**, VII<sup>th</sup> term student, 21<sup>st</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.
- The research paper presentation of **Dr. Prashanth Kumar** was presented with the **young scientist award** at the ICAAICON09, Chandigarh. The research paper of **Dr. N Shakila** was adjudged the **second best poster** presented at MMC&RC, Mysore. The research paper presentations of **Miss. Aishwarya B Gowda** was awarded as the **best poster presented** at the 21<sup>st</sup> Annual conference of KACH held at JSS, Mysore, 10-11<sup>th</sup> October, 2009.

## Staff Activities (Important Ones) -

### **Dr. M K Sudarshan:**

1. **Delegate** - 2nd International seminar on rabies held at **Hongkong, China**, May 2009.
2. **WHO expert** consultation on rabies-monoclonal antibodies, **Geneva, Switzerland**, June, 2009.
3. **President, Advisor, Speaker & delegate** - 2nd International rabies in asia conference held at **Hanoi, Vietnam**, September 9-11th, 2009.
4. **WHO expert** consultation on rabies-2nd consultation, **Annecy, France**, October 2009.
5. **RIA video** on rabies, September 2009; **Script & Production**: [www.rabiesinasia.org](http://www.rabiesinasia.org).

### **Dr. B G Parasuramalu:**

1. **Attended and participated** in the symposium on “**Empowering Medical and Dental Institutions in Cancer Care and Preparing India for leadership in the 21<sup>st</sup> Century**” held on 24<sup>th</sup> July 2009 at Rajiv Gandhi University of Health Sciences, Bangalore.
2. **Attended and participated** as a **panelist** in an “**Interactive session on immunotherapy**” and **chaired** a session on “**ocular allergy**” at 43<sup>rd</sup> **Annual Conference of the Indian College of Allergy, Asthma and Applied immunology** conference 2009 at Government Medical College, Chandigarh held from 1-4, December 2009.
3. **Attended and chaired** a session on **Is public health evidence based? And health care financing** in the 21<sup>st</sup> Annual Conference of **Karnataka Association of Community Health** held on 10-11, October 2009 at JSS Medical College, Mysore.
4. **Attended and participated** in **CODFI** workshop organized in collaboration with **Bangalore Dermatological Society** on contact dermatitis and photo dermatology as **panelist** on “**Skin prick test**” held on 21<sup>st</sup> and 22<sup>nd</sup> of November 2009.

### **Dr. Gangaboriah :**

**Resource person** in the orientation to **Research Methodology and Biostatistics** sponsored by the Rajiv Gandhi University of Health Sciences, Karnataka for the Medical and paramedical Post-graduate students at different colleges and cities of Karnataka.

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

1. **Executive Director & Treasurer** – Rabies in Asia Foundation.
2. **Central council Member**-Indian Public Health Association.
3. **Speaker & Delegate** - 2nd International seminar on rabies held at **Hongkong, China**, May 2009.
4. **Speaker & Delegate** - 2nd International rabies in asia conference held at **Hanoi, Vietnam**, september 9-11th, 2009.
5. **Principal Investigator**- A **Phase III, open label, Non Comparative, multicentric** study to assess the safety & immunogenicity of new PCEC vaccine administered Intra muscularly in healthy volunteers.
6. **Principal Investigator**- A **Phase III, open label, Non Comparative, multicentric** study to assess the safety & immunogenicity of new PCEC vaccine administered Intra muscularly in animal bite cases.
7. **Principal Investigator**-**Clinical evaluation** of safety & immunogenicity of PCEC & PVRV administered using new one week intradermal regimen.

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

1. **Delegate** - 2nd International rabies in Asia conference held at **Hanoi, Vietnam**, september 9-11th, 2009.
2. **Coordinator— Documentary film** on rabies, september, 2009.
3. **Delegate** in the **WHO/NCDC training** on surveillance for preparedness and response to epidemic prone diseases at NCDC, Plague Surveillance Unit, Bangalore from 14<sup>th</sup> - 19<sup>th</sup> December, 2009.
4. **Resource person** in the **expert meeting on infant death audit** organised by Indira Gandhi Institute of Child Health, Bangalore, UNICEF and Government of Karnataka on 11<sup>th</sup> & 12<sup>th</sup> March, 2010 at Hotel Atria, Bangalore.
5. **Delegate** in the **2<sup>nd</sup> workshop on quality services under NRHM/RCH** for faculty members of medical colleges of good performance states organised by the **National Institute of Health & Family welfare (NIHFW)**, Munirka, New Delhi from 16th -19th March, 2010 at NIHFW, New Delhi.
6. **Editorial Board Member**-Indian Public Health Association.



### Dr. T V Sanjay :

1. **Principal Investigator** in the evaluation of **Mass Drug Administration** of Filariasis and **mid term evaluation of national anti malaria programme** in **Raichur district**,Karnataka from 1<sup>st</sup> march to 5<sup>th</sup> march,2010 for RIHFW,Bangalore.
2. **Delegate** in the **CME on geriatric care** held at **SDMC, Dhrawad** on 21<sup>st</sup> february 2010.
3. **Delegate** in the seminar on **How to write a scientific article**,held at Medical Education Unit,KIMS,Bangalore-70 on 21<sup>st</sup> March,2010 .
4. **Delegate** in the **CME on Basics of clinical trials** held at **RGUHS,Bangalore** on 31<sup>st</sup> March,2010.

### Dr. H S Ravish:

1. **Delegate** at the **seminar on rabies** held at **Hongkong,China**,May 2009.
2. **Delegate** - 2nd International rabies in Asia conference held at **Hanoi, Vietnam**, september 9-11<sup>th</sup>,2009.
3. **Resource person** in the **national workshop for the development of health education** teaching materials on rabies for school children and public organised by APCRI at mysore on 20<sup>th</sup> & 21<sup>st</sup> March,2010

### Dr. Chitra Nagaraj :

1. **Successfully** completed the **FAIMER/WFME distance learning course** on a).**Self Review and Accreditation** from the Module of Standards and b). **Self Review and Accreditation** from the Module of Organizing a Self Review for **Medical Education**.
2. **Successfully** completed the **Leader Net seminar** on a). **Strengthening Financial Management** and b). **Moving up the Leadership Ladder** conducted by Management Sciences for Health.
3. **Organized and conducted Study Skills Workshop** titled 'Making of a Doctor par Excellence' for **first year MBBS students**, as an intervention to the FAIMER project.
4. **Participated** in the virtual discussion on Patient Safety and Health Professionals Global Network (HPGN) sponsored by **World Health Organization and Patient Safety Virtual Global Discussion Forum** from 1 - 12 March 2010.

### Dr. Koradhanyamath :

1. **Attended** the **state level meeting** on the

**H1N1 vaccination programme** for medical staff to be implemented across the state, held at the Directorate of Health & Family Welfare Office, Bangalore on 26/03/10.

2. **Involved** in the undergraduate and postgraduate students research project.

### Dr. Jayanthi Srikanth :

1. **Delegate** in the **workshop** organized by **RGUHS,Bangalore & Karnataka State Human Rights Commission** in March,2009 along with CTPHCF on **the right to health**.
2. Involved in the undergraduate and postgraduate students research projects conducted at the urban health centre of KIMS,Bangalore.

### Dr.Rudraprasad :

Research Projects on Allergy at the Preventive Medicine Unit, KIMSH&RC, Bangalore.

### Post Graduates:

**Dr. G Praveen & Dr. Someswara** completed the course successfully. **Dr. R Balaji, Dr. Ramesh Holla, Dr. Praveen Kulkarni, & Dr. D P Arun Kumar** are the new postgraduates to have joined the department from 1st May 2009.

### Interns :

About 46 interns from the Batch of 2004 completed their Internship training programme during the year.

### World Rabies Day 2009-Rabies Quiz:

The team consisting **Mr. Nakul & Miss. Chaitra**, 7<sup>th</sup> term students of community medicine, Kempegowda Institute of Medical Sciences, Bangalore were the **winners** in the **2<sup>nd</sup> state level quiz on rabies** for medical and veterinary undergraduate students of Karnataka State organized by the Rabies in Asia Foundation held at MIMS, Mandya. They received a cash prize of Rs10,000=00 along with certificate. About 35 colleges from Karnataka had participated.

### Report:

A **study on health and hygienic status of food handlers in KIMS boys hostel** was conducted in the month of December,2009. A report was prepared and submitted to the college.The study was conducted by Dr. Praveen K, Post Graduate, Community Medicine &guided by Dr.Ramesh Masthi.



**RIACON,09 - Hanoi, Vietnam** - Dr. M K Sudarshan, Dr. D H Ashwath Narayana, Dr. N R Ramesh Masthi & Dr. H S Ravish – attended the 2nd International conference of rabies as speakers/delegates.



**Dr. M K Sudarshan, Dean & Principal & Professor of Community Medicine, KIMS, Bangalore and President of Rabies in Asia Foundation – RIACON09-Hanoi, Vietnam-Inaugural Address.**



**Dr. B G Parasuramalu (right), Professor & HOD, KIMS, Bangalore–B M Patil Oration—KACHCON09, Mysore.**



**Dr. F. X. Meslin (Sitting-centre) WHO, Geneva & Dr. D.H. Ashwath Narayana (Sitting-1<sup>st</sup> from right), Associate Professor, KIMS, Bangalore - Appraisal of IDRV implementation in Kerala.**



**Dr. T V Sanjay (3<sup>rd</sup> from left), Assistant Professor, KIMS, Bangalore with post graduates –Evaluation of MDA, Filaria and Malaria programme -Raichur District, Karnataka.**



**GARC-RIA-CVA: Adopt a village project–Household survey - Post graduate & Interns- RHTC, KIMS, Bangalore.**