



AKASHVANI

THE OFFICIAL E-NEWSLETTER OF AIMSRC



MS MESSAGE

Our teaching Hospital, The Akash Hospital and Research centre, which within a short span of time has emerged as the jewel in our crown, having established itself as a pre-eminent super specialty tertiary care Hospital and will not fall short of any expectation in terms of knowledge, skill, capabilities and services to the society.

I would like to assert that you will definitely feel a sense of pride of our media of E-Newsletter Akashvani. I wish a fruitful tenure of Akashvani and a successful career, with warm regards and best wishes to all of you.



DR. BRIJESH

Enjoy Reading

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CLINICAL RESEARCH

"Akash Clinical Research Centre" has been started in AIMSRC to conduct clinical trails and other research projects.

DR. SUNIL KUMAR D R is the Head of "Akash Clinical Research Centre".

A training on Good Clinical Practices (GCP) for Doctors is scheduled in the first week of March .

ACADEMIC EVENTS AND ACTIVITIES:

RESEARCH METHODOLOGY WORKSHOP FOR FIRST YEAR POSTGRADUATES

Research methodology workshop was conducted by Medical

Education Unit AIMS & RC,

Venue: BC Roy lecture hall

Devanahalli, Bangalore

Date: 04th to 06th of January 2023

The workshop emphasized on



- 01** Giving an bird's eye view of the entire postgraduate course and a detailed education on selecting a research topic for dissertation
- 02** This workshop was tailored to postgraduates who will be selecting research topics as their thesis. It was designed to give hands on experience to postgraduate students right from framing of a title, writing objectives, review of literature, methodology, statistical analysis to referencing.

03 Workshop featured a special guest lecture by **DR. NARESH SHETTY**, Advisor, AIMS&RC on the importance of documentation. Lecture involved a detailed presentation with many real life instances of consequences of not documenting in case files.

04 Workshop also aimed at inclining postgraduate students towards familiarizing themselves to different search engines on how to select topics, check for plagiarism, different referencing styles and also to do a thorough review of literature.

05 The 3 day workshop involved various tasks and activities in the form of quiz, MCQ based questions through Google forms and critically evaluate various research articles from peer reviewed journals.

06 The workshop also featured pre and post test MCQ based questionnaire which can be used to evaluate the effectiveness of the entire event.

The workshop was conducted by senior faculty members of medical education unit and scientific committee and knowledge was shared and discussed among postgraduate student.

The workshop was concluded by vote of thanks.



COMMUNITY OUTREACH PROGRAMS

SCREENING FOR MALNUTRITION IN CHILDREN

Government Of Karnataka has Conducting a camp Regularly to address the Severe Acute malnutrition \ Moderate Acute Malnutrition from August 2019 for screening of Children at Hospitals supported from the Dept of Community Medicine in Collaboration with Dept of Pediatrics, Dept of Psychiatry, Akash Institute of Medical Sciences and Research Center along with Rashtriya Bala Swasthya Karkyakram (RBSK) team, at Devanahalli and Doddaballapur Government hospital.

Total no. of Camps Conducted – 84

Total no. of Children Screened – 69987

No. of Severe Acute Malnutrition Children were – 631

No. of Moderate Acute Malnutrition Children were – 320

No. of Coronary Heart Disease Children were – 58

No. of Severe anemic Children were – 63

No. of Anemic children were - 97

No. of Children identified Developmental delay – 283

It is regular ongoing activity to reduce the burden of Malnutrition in the Community.

◆ SMART NICU

Med superintendent **DR BRIJESH** and RMO **DR SUNIL HEGDE** graced the occasion.

Dean and Principal **DR SHIVAPRAKASH** blessed us in absentia.

From paediatric Dept **DR SRINIVASA S**, Professor and HOD, **DR S M PRASAD** professor, other staff and post graduate students, interns attended the meeting.

From cloudphysician side **DR GEETHANJALI** neonatologist from Hyderabad & Mr Dennis Manager attended the meeting.

OBG Dept colleagues also blessed us under the leadership of HOD **DR ROHINI**.

This setup is very unique definitely gives lot of benefits to nearby rural population with respect to neonatal emergencies. Also our post graduates will be benefiting. They learn lot in managing sick newborns.

Paediatric Dept will appreciate and congratulate Management for providing “SMART NICU” for this prestigious “AKASH INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTER” Bangalore rural.



Smart NICU Inaugurated by our Vice chairman “Mr Amar gowda” on 2/2/2023.



◆ DEPARTMENT OF GENERAL MEDICINE

We conducted a CME from the department of general medicine in association with HCG GVT hospital as 24/1/23 at BC Roy Lecture by **DR. SACHIN JADHAV.**

HOD Haematology, HCG Gut Hospital About approach to by cytoma which helped our staff, PG's in working up the admitted patient and also new advance treatment for it also helped our PG's to Diagnose case early and make patient life better.



SENSITIZATION ON MEASLES RUBELLA ELIMINATION POLIO, DPT AND ROUTINE IMMUNIZATION BY WHO

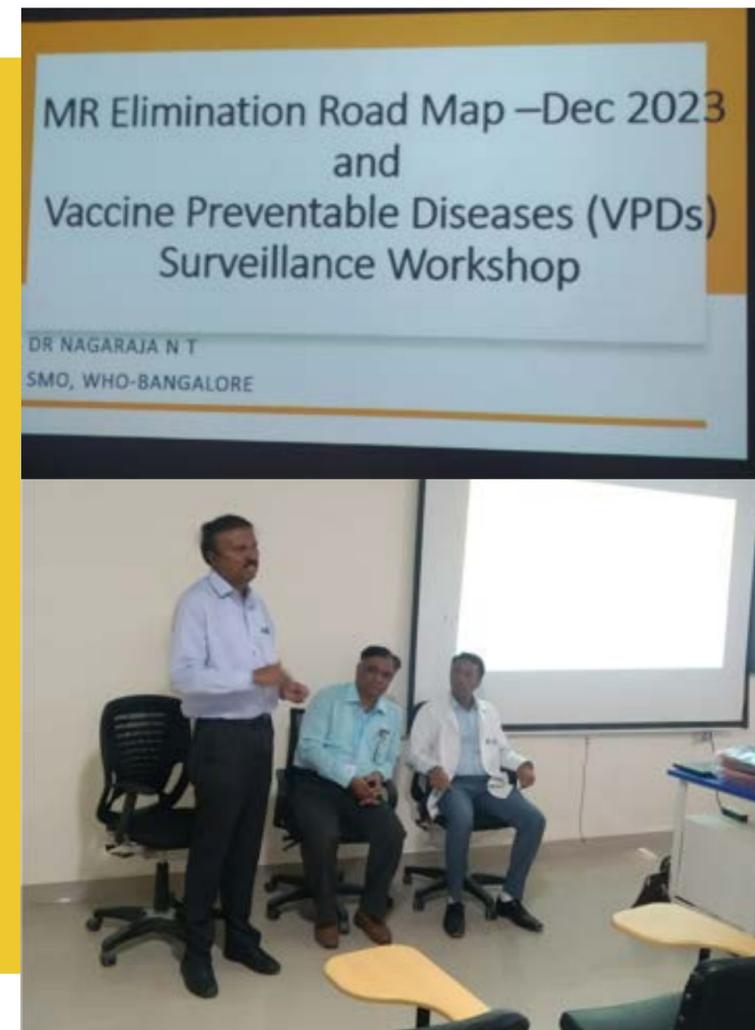
Sensitization on Measles Rubella Elimination - 2023, Polio, DPT and Routine Immunization was conducted by WHO in coordination with the department of Community Medicine on 10th February between 12:00 Noon to 1:30 pm in the department of Community Medicine.

Faculties from department of Paediatrics, General Medicine, OBG, Dermatology, ENT and Community Medicine were present.



DR SEEMA District RCH officer, Bangalore Rural also participated in the sensitization, Overview of the sensitization was given by **DR. SUNIL KUMAR D R**, Professor and HOD, department of Community Medicine.

DR NAGARAJA Surveillance Medical Officer, WHO, NPSP gave presentation on burden, epidemiology, sample collection and elimination of Measles Rubella Elimination - 2023, Polio, DPT. Role of Medical college in achieving and sustaining MR elimination, routine immunization was addressed by **DR SEEMA**, RCH Officer. Weekly reporting of all cases to RCH officer and role of government in sample collection was also mentioned. **DR SRINIVASA**, Professor and HOD department of Paediatrics extended support for the same.



A RARE CASE OF LEIOMYOSARCOMA- CASE REPORT

Recently the department of GYNOCOLOGY at AKASH HOSPITAL operating on 54yr old who comes pain abdomen and postmenopausal bleeding since 1 month. She had no significant medical or family history. Physical examination revealed abdominopelvic mass of 16 week size, occupying the hypogastric region, firm to hard in consistency, associated with mild tenderness. Laboratory studies showed normal biochemical parameters. Transabdominal ultrasonography revealed mass in the endometrial cavity of size 7 × 8 cm. MRI of the pelvis was done and confirmed the scan findings. Endometrial biopsy revealed atypical spindle cells.

The patient underwent surgery with the presumed diagnosis of uterine malignancy. Exploratory laparotomy revealed a uterine mass of 16 week size, similar to that of a submucous leiomyoma. A total hysterectomy and bilateral salphingo-oophorectomy was performed. Lymphadenectomy was omitted.

Postoperative histopathological evaluation showed undifferentiated uterine sarcoma 2mm away from serosa, with atypical spindle cells arranged in sheets, fascicles. Immunohistochemical study was done.

Tumours cells expressed vimentin, SMA, calponin, negative to CK, CD10, cyclin D1. Radiotherapy was recommended to the patient and referred to higher centre for further treatment



Gross characteristics of the mass such as fleshy mass, homogenous texture resembling a submucous leiomyoma.

◆ DEPARTMENT IN FOCUS - ANAESTHESIOLOGY

ABOUT

The Department of Anaesthesiology & Critical Care medicine being well organized department forms a supportive pillar enhancing patient safety and comfort. We provide peri-operative care and pain management for both minor as well as major complex surgeries. The OT complex comprises of 10 fully functional modular NABH complaint stainless steel operating theaters which give over the clock services .



We the department of Anaesthesiology work hand in hand with various Surgical specialties and Super specialties offering all available anaesthetic procedures such as General Anesthesia, Regional Anesthesia, Acute/Chronic pain management and critical care. The Anaesthesia team also provides in depth Pre-Surgical/anaesthesia Counselling.

All operating theaters are fully equipped with modern anesthesia workstations and multi-parameter monitors for invasive and non-invasive monitoring.

An ultrasound machine is available for guided nerve blocks and vascular access. Fiberoptic bronchoscope and Nerve simulator also available. In the Post Anaesthesia Care Unit (PACU) all beds have individual multi-parameter monitors. The ICU has state-of-the-art ventilators for respiratory support. The specialty theaters include Obstetrics and Gynaecology, General Surgery, Orthopaedics, ENT and Super speciality theaters for Dental and Facio Maxillary Surgery, Urology, Paediatric Surgery, Ophthalmology, Plastic and Reconstructive Surgery, Oncosurgery, Gastro surgery and Neurosurgery. The Anaesthesia team provides services outside OT for Monitored Anesthesia Care at CT, MRI suites and endoscopy procedures.

Work is equally balanced with academics. Academic activities like Seminars, Journal Clubs and Case Discussions are conducted regularly in the department involving all the Staff, Junior Residents, House surgeons and undergraduate students to keep up with the current trends in the field of Anaesthesiology and Critical care.



OUTREACH SERVICES & ACTIVITIES

The Anaesthesia Team provides BLS and ACLS training to Healthcare and frontline workers. Workshops such as Difficulty Airway, Central Venous access, ABG interpretation and Mechanical Ventilation are conducted.

SERVICES PROVIDED

Camp patients have been provided with all of our services and interventions while being exempted from its financial burden.

EVALUATION OF NATIONAL HEALTH PROGRAMME FOR ICMR -NIRT AND CENTRAL TB DIVISION, GOVT OF INDIA.

SENSITIZATION PROGRAMME FOR FACULTY ON NEWER GUIDELINES FOR DIAGNOSIS AND TREATMENT OF TUBERCULOSIS

A was conducted for all teaching faculty on Newer NTEP guidelines for diagnosis and management of Tuberculosis on 09/02/2023 at B C Roy Hall by the Department of Community Medicine in collaboration with the Department of Microbiology.

Three speakers covered aspects of diagnostic and treatment guidelines. DR. KAVITHA, Associate professor, Department of Microbiology spoke about the diagnostic guidelines and tools. DR. KAVITHA

NIMBOOR, Professor and Head of Department, Department of Microbiology, spoke on TB Preventive Treatment and IGRA. DR. VIDYA R, Nodal Officer for NTEP, spoke about the newer treatment guidelines for drug sensitive and drug resistant TB.



EVALUATION OF NATIONAL HEALTH PROGRAMME



A Sub-National Certification and evaluation of National Tuberculosis Elimination Programme was conducted by the World Health Organisation (WHO), ICMR-NIRT, Ministry of Health and Family Welfare and Indian Association of Preventive and Social Medicine (IAPSM).

The evaluation team for Chikkaballapur district constituted of **DR. SUNIL KUMAR D.R.**, Professor and Head of Department of Community Medicine, who was the Team leader and **DR. VIDYA R**, Assistant Professor, Department of Community Medicine who was District Nodal Officer and team member.

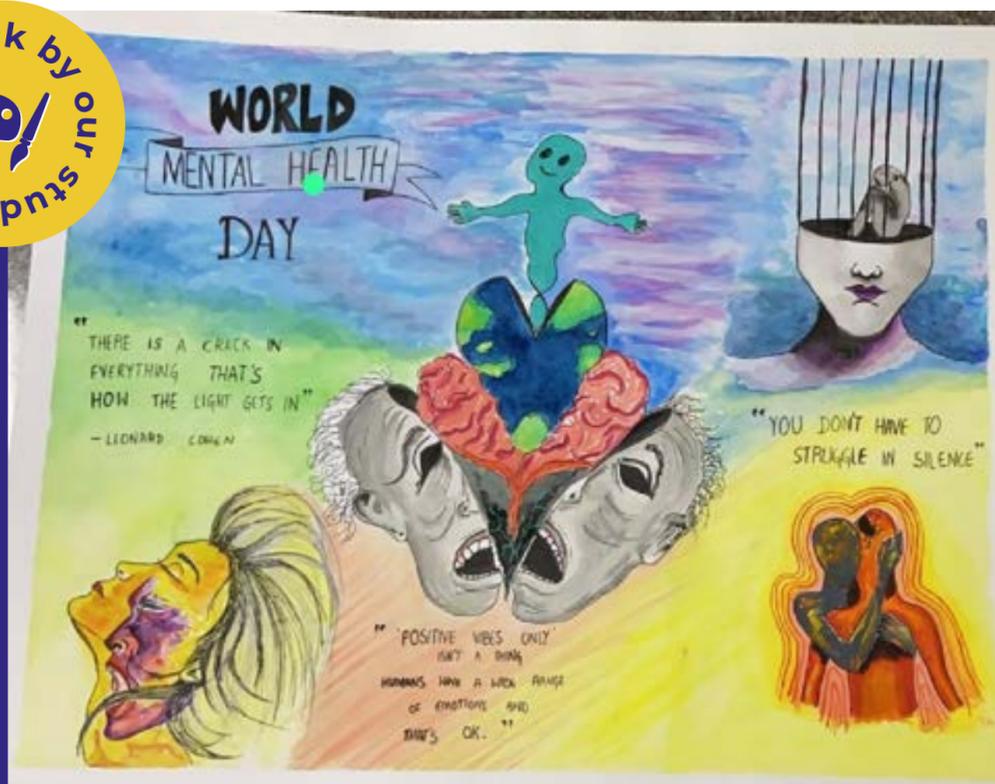
The evaluation consisted of evaluation of field surveys, secondary data verification, patient interviews, and conduction of Nominal Group

Techniques involving government and private doctors, chemists, drug inspectors and additional drug controller and Key Informant Interviews. These activities were conducted over a period of 6 weeks and all the data has been collected and the report will be submitted to ICMR-NIRT. Based on these reports, Chikkaballapur district will be awarded gold, silver or bronze awards. This exercise is conducted across the country for TB elimination.



GRAFFITI

STUDENTS CORNER:

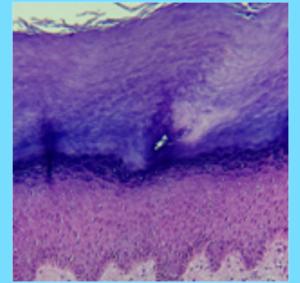
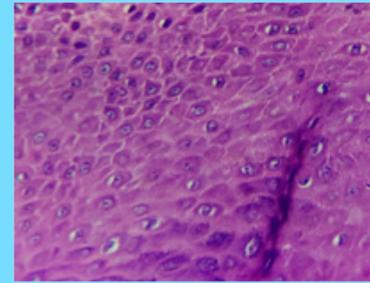


1st place

**Dr. Krupa (intern)
and team**

ANSWER TO THE PREVIOUS MONTH'S QUESTION

Lesion: **Verruca vulgaris**
The mangement:
Electrocavtery & Cryotherapy



CONGRATULATIONS

TO DR VYJAYANTHI (PG) FOR GIVING THE
BEST ANSWER.

LAUGHTER
is the best
MEDICINE

