

JIPMER Website Report – October 2022

Jawaharlal Institute Rural Health Centre, Ramanathapuram

World Heart Day 2022 (“Use Heart for Every Heart”)

The event was conducted on 12th October 2022 by the JIRHC team and MPH students (JISPH, Puducherry). Dr Gautam Roy (Professor, Senior Scale, Dept. of P&SM and Acting Director) graced the occasion and delivered a health talk. The event began with an awareness rally about heart disease and its prevention followed by a health talk on the topics of factors leading to heart disease, its prevention and prompt usage of health care services at an early stage and also touched upon geriatric problems and its management at home, and a yoga session by the MPH students and one of the project staff. One of the beneficiaries took part in a live yoga demonstration and graced the occasion. A Badminton tournament was conducted among the JIRHC team, interns and MPH students to indicate the importance of exercise and the winners were awarded prizes.



Fig: Badminton tournament

International Day of Older Persons (“Resilience of Older Persons in a Changing World”)

The event was conducted on 26th October 2022 by the JIRHC team in the NCD clinic. The beneficiaries were elderly non-communicable disease patients. A health talk was given by Dr Madhavaram (MBBS Intern, 2017 batch), Mr Ajmal (Medico-Social Worker) and Mrs Gomathi (Public Health Nursing Officer) on the topic of geriatric health and awareness about problems faced and their management.



Fig: Health Awareness rally



Fig: Health talk given on World Heart Day



Figs: Health talk given during observation of International Day of Older Persons

JIPMER Urban Health Centre, Kurusukuppam

Vector Surveillance & Control at Francis Assisi Street and Maravadi Street, Kurusukuppam

JUHC, Kurusukuppam team actively participated in the community-based vector source reduction activities. The teams also organized behaviour change communication activities to ensure community participation in reducing breeding sites for *Aedes* and preventing cases of dengue. This activity was undertaken at Francis Assisi and Marvadi Street in the Kurusukuppam service area.



Urban Health and Nutrition Day Conducted in Vazhaikulam 1&2 Aanganwadi Centre

UHND was conducted in Vazhaikulam 1&2 AWC. Around 48 members participated. A health talk was given regarding complimentary feeding, family planning methods and services available in JUHC. These activities were coordinated by Medical Social Worker, ASHA, ANM, PHNO, Aanganwadi workers, and interns; and supervised by residents.



Observance of " Vigilance Awareness Week"- 31st October to 6th November -2022

Vigilance Awareness Week was observed in JUHC with the current year theme on "Corruption-free India for a developed Nation". The "Integrity Pledge" was taken by all the centre staff members on 31st October 2022 at the forenoon.



Health Camp at Sevalapurai Village, Villupuram District

A health camp was organized by the department of PSM, JIPMER in coordination with the CMCHIS team at Government High School, Sevalapurai village, Villupuram district, Tamil Nadu on 20th October 2022 (Thursday) from 8.30 am to 4.00 pm. This health camp was organized under Tamil Nadu Chief Minister's Health Insurance Scheme.

Services at the camp:

1. General health check-up.
2. Consultation with Departments of Medicine, Pediatrics, Ophthalmology, ENT, Obstetrics & Gynaecology, Cardiology, PMR, Pulmonary Medicine and Dermatology
3. Lab investigations – RBS and Hemoglobin.
4. Health education for school students on the harmful effects of substance abuse, as well as mental health, with reference to exam fear and menstrual hygiene.
5. Referral services to JIPMER and Gingee PHC when required.

A total of 419 people attended the camp of which the majority were in the age group of 46 – 60 years (29.3%), followed by more than 60 years (24.7%), 5 – 18 years (23%), 19 – 45 years (23%) and under 5 years (2%). Among the attendees, 59% were female and 41% were male. Random blood glucose of 274 attendees was measured, out of which 42 (15.3%) had abnormal values. They were further advised on dietary modifications and emphasized to adhere to treatment. People identified with cataracts were advised for cataract surgery (Five patients were brought to JIPMER for cataract surgery on the same day) and people with diminished visual acuity were given a prescription for spectacles.



Fig: OPD services during camp



Fig 2: Triage at camp

REPORT ON 12th BASIC EPIDEMIOLOGY WORKSHOP (ONLINE)

The 12th Basic Epidemiology Workshop was conducted online by the Department of Preventive and Social Medicine, JIPMER, Puducherry over a period of 5 days from 10/10/2022 to 14/10/22. There were 67 participants who registered for the workshop. There were 11 Resource persons who facilitated various sessions. The workshop was inaugurated in the presence of Dr. Gautam Roy (Professor- Senior Scale), Dr. Premarajan (Professor), Dr. Sitanshu Sekhar Kar (Professor and HOD). The course coordinators were Dr. Premarajan and Dr. Mahalakshmy (Additional Professor). The various sessions include Epidemiology and Public Health, different study designs, measures of association and causation, bias and confounders, descriptive and inferential statistics, statistical tests, correlation and regression.

Every day the sessions were accompanied with a live demonstration on SPSS statistical software, which included introduction, descriptive statistics, parametric and non-parametric tests, effect size, correlation and regression, sample size calculation in OpenEpi by SRs and JRs of the department. The participants were asked to highlight the keywords which were projected in the form of a word cloud to them at the end of the day. Doubts of the participants were clarified during the session or the next day before the first session. There was an open discussion at the end of day 5 when all the Faculty and the Participants shared their views and feedback on the workshop. All the participants were awarded a Certificate of Participation at the end of the workshop.