

# News Letter

January - March, 2023



Department of Community Medicine





**Rally for TB Awareness:**

TB Awareness Rally was conducted on account of World Tuberculosis Day at Iruvelpattu, Villupuram on 20.03.2023. Sign boards containing slogans about TB were carried by the participants around the village. The rally was led by Dr. Gayathri (BMO), Mr. Senthil (STS-HI), Mr. Ramachandran (HI) from Iruvelpattu, PHC and Dr. Priyanga.D (PG), Department of community medicine, SMVMCH. Medical interns from SMVMCH, Nursing and Paramedical students of Krish VTC, Students of Dhanam Community college -Arasur enthusiastically participated in the Rally. Health talks were given on nutrition of TB affected patient and the need to overcome Stigma.



**TB Awareness Program for nursing & paramedics students:**

'Tuberculosis awareness Program' was conducted on 24/3/2023 at Krish VTC (vocational training centre), Thiruvennainallur. Causes, risk factors, mode of transmission, management and prevention of Tuberculosis were briefed by Dr .Priyanga.D (PG) and medical interns.Pre-tests and Post – tests were conducted for the participants.



**TB Screening program for community people:**

In collaboration with Thiruvennainallur PHC, RHTC Thiruvennainallur organized a surveillance program on account of World TB day on 31.03.2023 at Madhampattu village.

**TB Awareness Program for school students:**

'Tuberculosis awareness Program' was conducted on 20/03/2023 at Poothamedu Govt High School, Villupuram. Around 75 students (Class 7 to 9) actively participated. Risk factors, Causes, Modes of Transmission, Clinical features, Management, Prevention and Schemes available were explained by Dr. Saranya.S (PG) & medical interns. Theme for this year "Yes , We can end TB" was emphasized.



Around 200 community people participated in the screening program . 67 chest x-rays were taken for suspected patients using portable X Ray machine. Participants who attended the screening program were treated symptomatically and suspected cases were advised to follow up for further management.

**Community Based TB Awareness Program:**

Community based TB awareness program in our field practice area of Aanangoor (Grama sabha), was conducted on 21/03/2023. Mode of transmission, risk factors, clinical features and role of PHC for diagnosis, management and ways of prevention were explained in detail by Dr. Saranya.S (PG) and medical interns. Around 50 people in the community actively participated



**Awareness program on 'Hand Hygiene':**

RHTC Thiruvennainallur organized an awareness program on 'Hand hygiene' at keerimedu Govt. Primary school on 7th March 2023. Importance and moments of handwashing were explained to the students with the help of flipbook by Dr.Priyanga.D (PG) & medical interns.Steps of handwashing were demonstrated to the students. Hand washing competition was conducted at the end of the session and prizes were distributed to the winners.



**Tuberculosis awareness Program for B.Ed. students**

was conducted on 23/03/2023 at Sri Vidhyodhaya College of education, Villupuram. Around 50 budding teachers along with 10 faculties actively participated. Causes, Transmission, Clinical features, Management, Prevention and health program benefits available were explained by Dr. Saranya.S (PG) and medical interns. The participants were also briefed about the importance to overcome Stigma.



**Sensitization Programs by ACF – SMVMCH Team:**

As per India's target to achieve TB elimination by 2025 (NTEP), State TB cell Puducherry in collaboration with department of CM of all medical colleges , active case finding is being conducted in the community to rule out & treat LTBI in Puducherry. In SMVMCH, under the guidance of STF chairman, Prof & HOD Dr.Kalaiselvan.G and Nodal officers Dr.Reena Mohan & Dr.Aswothy.R , PG's Dr. Arthi.D & Dr.Saranya.S along teams of medical interns are actively involved in the surveillance program. Multiple sensitization programs of TB awareness were conducted and Pamphlets were distributed in the community to commemorate World TB day 2023.







**Tree sapling Plantation**

was done at Thaduthatkondur Primary government school premises during Family Adoption Programme by first year MBBS Students.



medical interns. The session was interactive and doubts were clarified .At the end of the session oath was taken and pamphlets were distributed to the people.



**Cancer awareness Program 2023 – ‘Close the care gap’:**

"Cancer awareness Program' was conducted at Vazhuhreddy, Villupuram on 28th Feb 2023.Around 40 women from self-help group actively participated. Causes, symptoms, Management and Prevention of common cancers in females were explained by medical interns. Facilities available at PHC level and health

benefits available under Health program for cancer prevention & control were explained to the participants.

**Cancer awareness Program2023 – ‘Close the care gap’:**

On account of World Cancer Day , awareness program was organized for women of self-help group on 13th feb 2023 at Iruvelpattu village, Villupuram. Around 20 women actively participated in the program. Prevalence of cancer, theme of World Cancer Day 2023, symptoms, management and prevention of cancer were explained by Dr.Priyanga.D (PG) & interns. The program was concluded with query clarifying session.



**Menstrual hygiene awareness Program:**



An awareness programme on menstrual hygiene was conducted at Bonne Nehru school, Thiruvannainallur on 6th Jan 2023. Around 50 students actively participated in the program. Introduction, Menstrual symptoms

,various methods to ensure menstrual hygiene were explained by Dr.Priyanga.D(PG) & medical interns.

**Leprosy awareness Program2023 - ‘Act Now. End Leprosy.’:**

‘Leprosy awareness program” at Primary Health Center, Thiruvannainallur. Around 40 community people actively participated in the program. Introduction, theme for this year , Causes, Transmission, Clinical features , Management and Prevention of Leprosy were explained by Dr.Priyanga.D(PG) & medical interns. A patient who was treated for leprosy shared his treatment experience. At the end of the session , pamphlets and MCR slippers were distributed to the affected patients by the Medical Officer of Thiruvannainallur PHC.



**Leprosy awareness Program 2023 - ‘Act Now. End Leprosy.’:**

‘Leprosy awareness Program’ was conducted at Poothamedu Govt High School, Villupuram on 20th Jan 2023. Around 140 students actively participated. Introduction, theme for this year ,Causes, Transmission,Clinical features , Management and Prevention of Leprosy were explained by Dr.Saranya.S(PG) and interns.



Various health benefits available for leprosy patients under NLEP were also detailed to the students.

**Leprosy awareness Program2023 - ‘Act Now. End Leprosy.’:**

On account of World Leprosy Day Awareness – 2023, awareness programme was organized at Primary Health Centre – Thogaipadi on 30th Jan 2023. Around 50 people from local community actively attended the programme.Introduction, theme for this year , Causes, Transmission, Clinical features , Management and Prevention of Leprosy were explained by

**ARTICLE UNDER PROCESS**

1. Is childhood obesity a neglected public health problem?– a community -based family study in rural south India.
2. Acceptors and barriers of Injectable Contraceptive usage among women of reproductive age group visiting Primary Health Care Centre - A qualitative study.
3. Experiences of medical students in COVID home triage – An exploratory qualitative study in urban Puducherry.
4. A qualitative inquiry into the Perceptions and views of men and women on the almost forgotten method of vasectomy”
5. Effects of electronic exposure on behaviors of 6 months – 13 years by Digital screen Exposure Questionnaire (DSEQ) in a tertiary care hospital
6. Knowledge, attitude, belief on pesticide exposure in pregnant women in a tertiary care hospital
7. Effect Of Self-Directed Learning Module And Assessment On Learning Of National Health Programme by Medical Undergraduates – A Mixed Methods Evaluation







## **PUBLICATIONS & PROJECTS OF THE DEPARTMENT OF COMMUNITY MEDICINE– 2022 ACCEPTED AND PUBLISHED**

1. Jeyashree K, Thangaraj J, Rade K, Modi B, Selvaraju S, Velusamy S, Subnational TB claims verification group, et al. Estimation of tuberculosis incidence at subnational level using three methods to monitor progress towards ending TB in India, 2015-2020. *BMJ Open*. 2022 Jul 28;12(7):e060197. doi: 10.1136/bmjopen-2021-060197. PMID: 35902192; PMCID: PMC9340578.
2. JebyOlickal, James T Devasia, PruthuThekkur, PalanivelChinnakali, BS Suryanarayana, Ganesh Kumar Saya, Kalaiselvan Ganapathy & DKS Subrahmanyam (2021) How far persons with diabetes travel for care? Spatial analysis from a tertiary care facility in Southern India, *Annals of GIS*, 27:4, 341-349, DOI: 10.1080 / 19475683.2021.1966504
3. Olickal JJ, Suryanarayana BS, Chinnakali P, Saya GK, Ganapathy K, Vivekanandhan T, Subramanian S, Subrahmanyam DKS. Decentralizing diabetes care from tertiary to primary care: how many persons with diabetes can be down-referred to primary care settings? *J Public Health (Oxf)*. 2021 May 17:fdab156. doi: 10.1093/pubmed/fdab156. Epub ahead of print. PMID: 3399329.
4. Olickal JJ, PalanivelChinnakaliP, Suryanarayana , Saya GK, Ganapathy K, D.K.S. Subrahmanyam DKS. Medication adherence and glycemic control status among people with diabetes seeking care from a tertiary care teaching hospital, south India, *Clinical Epidemiology and Global Health* 11 (2021)
5. Premanandh K, Rajalakshmi M, Reena Mohan, Shankar R.J. Caregiving for elderly population; A mixed-method study conducted in the urban population of Tamilnadu. *Indian Acad Geriatr* 2022
6. Soundariya K, Kalaiselvan G, Rajalakshmi M, Sindhuri R. Implementation and evaluation of competency-based medical education in phase 1 of undergraduate medical curriculum. *Journal of advances in medical education and professionalism* 2022
7. Rajalakshmi M, Vithiyalingam S, Mohan R. Synergistic effect of May–Thurner syndrome and COVID-19. *J Datta Meghe Inst Med Sci Univ* 2022
8. Mohan R, S Pravin, M Rajalakshmi, Kalaiselvan G. Utilization of facility based counselling and testing centre at tertiary teaching hospital in Pondicherry. *International journal of medical science and current research* July-Aug 2022
9. M. Rajalakshmi, VinayagamoothVenugopal, Amol R Dongre. Evaluation of Community Medicine Postgraduate Theory Examination to measure the Content and Cognitive Domain Coverage- A Retrospective Analysis. *Journal of Clinical and Diagnostic Research*. 2022;
10. S. Nancy, R. Sindhuri, ArulkumaranArungirinathan, Amol R Dongre. Breastfeeding Positioning and Attachment among Postnatal Mothers: A Mixed Methods Study in a Tertiary Care Hospital in Puducherry, South India. 2022
11. Premanandh Kandasamy<sup>1</sup> , Rajalakshmi Mahendran<sup>1</sup> , Shankar Radhakrishnan<sup>2</sup> Assessing Geriatric Disability And Its Associated Factors Among The Urban Population of Tamilnadu. (accepted and in publication process)
12. Sindhuri R, Mohan R, Surendran P, Saranya R. Unheard voices of pregnant health care professionals during COVID-19 pandemic? –A qualitative study. *Indian J Occup Environ Med* 2022;XX:XX-XX. (accepted and in publication process)





**ONGOING FUNDED PROJECTS**

Sl.No	Name of the project	Year of award agency	Name of funding /non govt)	Type (Govt	Amount sanctioned	Duration of project
1	COVID 19 vaccination in pregnancy. The COVIP study	2022	ICMR& AIIMS Jodhpur	Govt	18,98,084	1 year
2	Dietary practices and nutritional tuberculosis patient on Anti-tuberculosis treatment in Puducherry	2022	ZTF- OR, NTEP	Govt	4,51,000	1 year
3	A study on the efficacy of tablet Diafyn in Type 2 Diabetes Mellitus- A R and omized	2022	Sri Sri Institute for advanced research	Govt	2,64,000	1 year
4	An impact assessment of awareness on HIV and STI among college students in Puducherry UP	2022	NACO	Govt	2,00,000	1 year
5	Investigating the cause of death (COD) using verbal autopsy questionnaire	2022	SMVMCH, Intram ural funding	Private	75,590	1 year
6	Analyzing the effectiveness of implementation of Anti-Tuberculosis drug sale information authorities of Pondicherry	2021	NTEP	Govt	1,01,000	1 year

**COMPLETED PROJECTS**

Sl.No	Name of the project	PI/co-investigator	Year	Funded/Non funded agency	Name of collaborating agency	Type (Govt /non govt)
1	Report on verification of sub-national claims for the year 2020	Dr Kalaiselvan	2021	Funded (6.97)	NIE/ICMR/IAPSM	Govt
2	A randomized controlled trial to determine the therapeutic efficacy of ayurvedic medicine NOQ19 in treatment of symptomatic COVID-19	Dr Kalaiselvan	2021	Funded (7.18)	AIIMS Jodhpur	Govt





### OTHER ONGOING PROJECTS

Sl.No	Name of the project	Year	Funded/Non funded	Name of collaborating agency
1	Determinants of school dropouts after COVID 19 pandemic in villages near Villupuram district-A cross sectional study	2022	Non- Funded	
2	Covid Surg-3: Outcomes of COVID - 19 infection (hospital level component)  & Centre survey - a multi centric study	2022	Non- Funded	Collaboration with CMC Ludhiana & University of Birmingham, UK
3	Hurdles faced by psoriasis patients and implemntation of need based conducive hospital environment - Qualitative evaluation	2022	Non- Funded	
4	Experiences of mddical students in COVID home triage - An exploratory qualitative study			
5	Prevalence, clinical and socia-economic risk factors in adult patients with post-treatment Pulmonary TB sequelae - a mixed method study in Puducherry			

