

Community Medicine: Department of Community Medicine has evolved considerably and is continuously adapting itself to the changing roles and expectations. It is an important link between the tertiary care hospitals and public health services. It plays a vital role in the medical education of undergraduates according to the Medical Council of India and the Ministry of Health and Family Welfare. It needs to be made more community oriented and relevant to the country's needs.

GOALS:

The broad goal of the teaching of undergraduate students in community medicine is to prepare them to function as community and first level physicians in accordance with the institutional goals.

OBJECTIVES :

Knowledge :

- At the end of the course the student shall be able
- Explain the principles of sociology including demographic population dynamics.
- Identify social factors related to health, disease and disability in the context of urban and rural societies.
- Appreciate the impact of urbanization on health and disease.
- Observe and interpret the dynamic of community behaviors.
- Describe the elements of normal psychology and social psychology.
- Observe the principles of practice of medicine in hospital and community settings.
- Describe the health care delivery systems including rehabilitation of the disabled in the country.
- Describe the National Health Programmes with particular emphasis on maternal and child health programmes, family welfare planning and population control.

- List the epidemiological methods and techniques.
- Outline the demographic pattern of the country and appreciate the roles of the individuals, family, community and socio-cultural milieu in health and disease.
- Describe the health information systems.
- Enunciate the principles and components of primary health care and the national health policies to achieve the goal of “Health for all”.
- Identify the environmental and occupational hazards and their control.
- Describe the importance of water and sanitation in human health.
- To understand the principles of health economics, health administration, health education in relation to community.

Skills :-

- At the end of the course, the student shall be able to make use of
- The principles and practice of medicine in hospital and community settings and familiarization with elementary practices.
- Use the Art of communication with patients including history taking and medico social work.
- Use epidemiology as a scientific tool to make rational decisions relevant to community and individual patient intervention.
- Collect, analyze, interpret and present simple community and hospital base data.
- Diagnose and manage common health problems and emergencies at the individual, family and community levels keeping in mind the existing health care resources and in the context of the prevailing socio-culture beliefs.
- Diagnose and manage common nutritional problems at the individual and community level.
- Plan, implement and evaluate a health education programme with skill to use simple audio-visual aids.
- Interact with other members of the health care team and participate in the organization of health care services and implementation of national health programmes.

Integration:

Develop capabilities of synthesis between cause of illness in the environment or community and individual health and respond with leadership qualities to institute remedial measures for this.

URBAN HEALTH & TRAINING CENTRE:**FUNCTIONS & ACTIVITIES AT UHTC:**

- 1. Teaching and training (UG):** All UGs of 4th and 6th semester MBBS are taken to UHTC during their community postings with the aim understand the field epidemiology including physical and social environment of the urban areas, and functioning of UHTC and also learn about the implementation of various national programs. UG students also conduct field survey, case study and mini projects.
- 2. Teaching and training (Interns):** All interns during posting in Community Medicine are posted by rotation at both RHTC and UHTC. It provides interns an ideal period to pick up and refine the clinical/ communication skills under the “real field situation”. Interns support the work at UHTC under supervision of faculty. It enhances their administrative, teaching, clinical and communication skills.
- 3. Adoption of families in UHTC area** with the help of paramedical workers (Medical Social Worker) and undergraduate students through family health surveys.
- 4. Observance of various health-related days and weeks:** Regular observance of World Health Day, World AIDS Day, malaria fortnight, nutrition week, breast feeding week, World Hepatitis Day etc is done which helps in generating awareness in community and establishing our credibility. Interns, UG students, nursing students along with paramedical staff participate in community mobilization and organization of these events.
- 5. Multi-specialty OPDs of Paediatrics, skin and ophthalmology are run thrice weekly in afternoon session at UHTC** which helps in providing quality health care and building up the rapport with community.

Services and Facilities:**A. Curative Component:**

- 1. OPD Services**
- 2. Emergency Medical care**

3. **Minor Surgical Procedures**
4. **Referral for the Cases requiring Secondary / Tertiary care**

B. Preventive & Promotive services

1. Reproductive and Child Health Programme
 - a. Maternal Health Services
 - b. Child Health Services
 - c. Adolescent Health
 - d. Family Planning Services
 - e. Management and Prevention of Reproductive Tract Infections / Sexually Transmitted Diseases
2. Integrated Disease Surveillance Project (IDSP):
3. Revised National Tuberculosis Control Programme (RNTCP)
4. National Programme for Control of Blindness (NPCB)
5. National Vector Borne Disease Control Programme (NVBDCP)
6. Provision of Essential Diagnostic services
7. Education about Health and its Determinants / National Health Programmes / Special schemes of the department
8. School Health Services

RURAL HEALTH & TRAINING CENTRE (NATAVAD)

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UNDERGRADUATE TEACHING, TRAINING AND RESEARCH


Undergraduate students of all the three years of MBBS are posted with the department for fixed duration for training in the subject. This is achieved through didactic lectures, practical's, demonstrations, tutorials, seminars and most unique of all, visits to institutes of public health importance like the rural health training centre.

OTHER ACTIVITIES

1. Celebration of various National Health Days for health promotion.
2. Arranging Camps and Health surveys.

Faculty List

Sr. No.	Designation	Photo	Faculty Details	
1	Professor & HOD		Name	Dr. Ananta Borde
			Qualification	MD Community Medicine
			Teaching experience	
2	Associate Professor		Name	Dr. Vinod Mundada
			Qualification	MD Community Medicine
			Teaching experience	
3	Associate Professor		Name	Dr. Rushikesh Khadilkar
			Qualification	MD Community Medicine
			Teaching experience	
4	Assistant Professor		Name	Dr Amol Kinge
			Qualification	MD Community Medicine
			Teaching experience	7 years

5	Assistant Professor		Name	Dr. Rupal D. Girase
			Qualification	MD Community Medicine
			Teaching experience	
6	Statistician cum Assistant Professor		Name	Mr. Karan J. Jain
			Qualification	M.Sc. Statistics
			Teaching experience	4 years
7	Tutor		Name	Dr. Pallavi Dabhekar
			Qualification	MD Community Medicine
			Teaching experience	
			Name	Dr Vaishali Dhanake
			Qualification	MBBS
			Teaching experience	
			Name	Dr Swagat Shah
			Qualification	MBBS
			Teaching experience	

Research activities by faculties:

Sr no	Name of Journal	Title of article	Vol/issue
1	Indian Journal of research	Organ Donation: to Assess Fears and Concerns for Organ Donation Amongst Medical Students in Tertiary Care Hospital in A Metropolitan City	2016, march, 5(10),137-140
2	JMSCR	Telemedicine- Reaching Out to the Unreached Rural Poor and As a Tool of CME	Volume 04 Issue 10 October 2016
3	Indian Journal of Maternal-Fetal and Neonatal Medicine	Maternal and Fetal Outcome in Mullerian Anomaly: A Study at Tertiary Care Center in Northern Part of Maharashtra	Volume 4 Number 1, January - June 2017
4	International journal of community medicine and public health	A cross sectional study of epidemiological determinants correlated with prevalence of hypertension among municipal school teachers located in suburban area	2017 Feb;4(2):385-389
5	J. Evolution Med. Dent. Sci.	Knowledge and concerns for organ donation amongst nursing students and nursing staff in an apex medical institute in a metropolitan city	2017;6(13):991-993
6	International Journal of Current Medical And Applied Sciences,	Assessment of Nutritional Status of Medical Students in aTertiary Healthcare Teaching Hospital in Northern Maharashtra: A Cross Sectional Study	2017, March, 14(1),11-14.
7	International journal of current medical and applied sciences	Relation of risk factors in diabetes mellitus among municipal school teachers located in suburban area of a metropolitan city: A cross sectional study	2017, april, 14(2),81-84.
8	International journal of community medicine and public health	Assessment of epidemiological determinants of obesity among nursing staff in a tertiary healthcare center in northern maharashtra: A cross sectional study	2017 jul;4(7):2506-2510
9	International journal of community medicine and public health	A cross sectional study to assess the modifiable risk factors and morbidity profile of elderly people in a village in tribal part of maharashtra.	2017 oct;4(10):3830-3834

10	International journal of current medical and applied sciences,	A Cross Sectional Comparative Study of The Nutritional Status, Morbidity Profile and Personal Hygiene of School Children in Northern Maharashtra	2018, February, 17(3),95--100.
11	International journal of current medical and applied sciences,	Study of morbidity and mortality patterns of diseases with public health concern in a tertiary healthcare institute in northern maharashtra: A cross sectional study	2018, february, 17(2),67-70
12	Indian Journal of Forensic and Community Medicine	Medical students perceptions regarding the curriculum in Community Medicine: A cross sectional study	2018; March, 5(1): 39-43
13	International Journal of Community Medicine and Public Health	A cross sectional study on assessment of epidemiological factors associated with open field defecation in a tribal community	2019 Jan;6(1):164-167
14	International Journal of Community Medicine and Public Health	Epidemiological investigation of an acute gastroenteritis outbreak in a tribal village near Madhya Pradesh-Maharashtra border	2019 May;6(5):2195-2199
15	International Journal of Community Medicine and Public Health	A cross-sectional study to evaluate malnutrition prevalence in under 5 children and health seeking behaviour of their parents in an urban slum area of a metropolitan city	2019 Jul;6(7):3145-3149
16	International Journal of Contemporary Medical Research	Epidemiological Surveillance in the Vicinity of Sardar Sarovar Health Projects and its Impact of Health and Morbidity Status of the Population	Volume 6, Issue 8, August 2019, H7-H11
17	International Journal of Community Medicine and Public Health	Undernutrition and its association with socio-demographic factors among pregnant women attending tertiary health care hospital in northern Maharashtra: a cross sectional study	2019 Oct;6(10):4456-4461
18	J Family Med Prim Care	Epidemiological study of adverse events following immunization in under 5 year children	2021;10:2482-7.
19	International Journal of Health and Clinical Research (IJHCR)	"Assessment of Spectrum of adverse events following immunization in under five year children in a tertiary healthcare institute in a metropolitan city- A cross sectional study"	2021;4(16):236-240

20	International Journal of Health and Clinical Research (IJHCR)	“Effectiveness of Inj. Remdesivir in treatment of Covid 19 infection at a tertiary care hospital”	2021;4(16):352-356
21	International Journal of Health and Clinical Research (IJHCR)	Assessment of knowledge about organ donation among students of arts, science and commerce streams in a metropolitan city: A Cross Sectional Study	2021; 4 (19):62-66
22	International Journal of Health and Clinical Research (IJHCR)	A cross sectional study to assess concerns and commitment for organ donation among students of arts, science and commerce streams in degree colleges in a metropolitan city	2021; 4 (19):67-70
23	Asian Journal of Medical Sciences	“Covid 19 breakthrough infection among Vaccinated individuals. A cross sectional study.”	AJMS Vol 13 No 7 (2022)
24	Asian Journal of Medical Sciences	A study to determine adverse event following immunisation using COVISHIELD vaccine for prevention of Covid 19 infection in a field practice area of urban health centre.	AJMS Vol 13 No 6 (2022)
25	Journal of Family Medicine and Primary Care	A cross sectional study to assess concerns and commitment for organ donation among students of arts, science and commerce streams in degree colleges in a metropolitan city	jfm _{pc} _54_22