

# **Specific objectives for each visit on the Clerkship programme**

## **1. Medical Officer of Health Office**

- Outline the main duties, roles and responsibilities of a Medical Officer-Maternal and Child Health (MOMCH)
- Describe the services provided by the MOMCH at district level with regard to different aspects of Maternal and Child Health
- Describe the contribution of a MOMCH in maintenance of public health management information system
- Describe the inter-sectoral collaboration/coordination in conducting public health program related to maternal and child health in divisional and district level
- Describe the role of a MOMCH in supervision, monitoring and evaluation of activities related to different public health professionals at divisional level
- Appraise the challenges faced by a MOMCH with regard to dynamic public health needs of the field practice area

## **2. Supervisory Public Health Inspector**

- Outline the main duties, roles and responsibilities of a Supervisory Public Health Inspector (SPHI)
- Describe the services provided by the SPHI at field and institutional level with regard to different aspects of public health (Prevention and control of communicable diseases and non-communicable diseases, School health, etc.)
- Describe the important maps, records and returns maintained at the office of a SPHI and the importance in relation to public health service provision
- Describe the contribution of a SPHI in maintenance of public health management information system
- Critically appraise the services provided by the SPHI with regard to public health needs of the field practice area

### **3. Public Health Inspector**

- Outline the main duties, roles and responsibilities of a Public Health Inspector (PHI)
- Describe the services provided by the PHI at field and institutional level with regard to different aspects of public health (Prevention and control of communicable diseases and non-communicable diseases, School health, etc.)
- Describe the important maps, records and returns maintained at the office of a PHI and the importance in relation to public health service provision
- Describe the contribution of a PHI in maintenance of public health management information system
- Critically appraise the services provided by the PHI with regard to public health needs of the field practice area

### **4. Public Health Midwife**

- Outline the main duties, roles and responsibilities of a Public Health Midwife (PHM)
- Describe the services provided by the PHM at field and institutional level with regard to different aspects of public health, with particular emphasis on maternal and child health
- Describe the important maps, records and returns maintained at the office of a PHM and the importance in relation to public health service provision
- Describe the contribution of a PHM in maintenance of public health management information system
- Critically appraise the services provided by the PHM with regard to public health needs of the field practice area

## **5. Supervisory Public Health Midwife**

- Outline the main duties, roles and responsibilities of a Supervisory Public Health Midwife (SPHM)
- Describe the services provided by the SPHM at field and institutional level with regard to different aspects of public health, with particular emphasis on maternal and child health
- Describe the important maps, records and returns maintained at the office of a SPHM and the importance in relation to public health service provision
- Describe the contribution of a SPHM in maintenance of public health management information system
- Critically appraise the services provided by the SPHM with regard to public health needs of the field practice area

## **6. RDHS office /Regional Epidemiologist**

- Outline the main duties, roles and responsibilities of a Regional Epidemiologist (RE)
- Describe the services provided by the RE at district level with regard to prevention and control of diseases
- Describe the contribution of a RE in maintenance of public health management information system
- Describe the inter-sectoral collaboration/coordination in conducting public health program related to prevention and control of diseases in divisional and district level
- Describe the role of a RE in supervision, monitoring and evaluation of activities related to different public health professionals at divisional level
- Appraise the challenges faced by a RE with regard to dynamic public health needs of the field practice area

## **7. RDHS office /Medical Officer – Maternal and Child Health**

- Outline the main duties, roles and responsibilities of a Medical Officer-Maternal and Child Health (MOMCH)
- Describe the services provided by the MOMCH at district level with regard to different aspects of Maternal and Child Health
- Describe the contribution of a MOMCH in maintenance of public health management information system
- Describe the inter-sectoral collaboration/coordination in conducting public health program related to maternal and child health in divisional and district level
- Describe the role of a MOMCH in supervision, monitoring and evaluation of activities related to different public health professionals at divisional level
- Appraise the challenges faced by a MOMCH with regard to dynamic public health needs of the field practice area

## **8. Field polyclinic**

- Describe the concept and the importance of field polyclinic in relation to public health
- Describe the different services rendered by the field polyclinics and their intended target populations
- Describe the main activities conducted at field polyclinics and the responsibilities of different public health professionals involved in service provision.
- Describe the health management information system carried out at field polyclinics.
- Conduct a program to promote health of one of the target populations of the field polyclinic on an identified priority health issue
- Critically appraise how the field polyclinic addresses the intended health needs of the target populations.
- Appraise the epidemiological approach for service provision based on the observations of field polyclinic

## **9. Well Woman Clinic**

- Describe the objective of the Well Woman Clinic (WWC) program in relation to lifecycle approach
- Describe different services rendered by WWC and the importance of each activity towards the promotion of women's health.
- Describe the main stakeholders and their roles and functions in conducting the WWC.
- Describe the activities carried out at WWC, including maintenance of records and returns
- Describe the screening procedures/tests conducted in relation to different health conditions and discuss the validity and the rationale for each procedure/test.
- Critically appraise how the WWC addresses the needs of the target population

## **10. Healthy lifestyle clinic**

- State the diseases that are being screened at routine program.
- State the diseases that are not being screened at routine program.
- Describe the investigations which are being used to screen for non-communicable diseases (NCD)
- Describe the validity of screening tools.
- Critically appraise the deficiencies of current healthy lifestyle clinic in relation to emerging NCD burden in Sri Lanka.
- Conduct a program to promote key message /messages of NCD prevention.

## **11.School Health Program**

- Describe the main thematic aspects covered by the School Health Program (SHP)
- Outline the main stakeholders involved in conducting SHP at national and sub-national levels
- Describe the main stakeholders and their roles and functions in conducting the School Medical Inspection (SMI)
- Describe the activities carried out at SMI, including maintenance of records and returns
- Conduct a program to promote health of school children on an identified priority health issue
- Critically appraise how the SHP addresses the needs of school children in accordance with the concept of continuum of care across life cycle

## **12.Medical registrar**

- List the main activities of a Medical Registrar.
- Describe the concept “proclaimed area”
- Describe the procedure of registration of births and deaths in Sri Lanka.
- Appraise correct method of issuing a death certificate giving the cause of death in accordance with ICD 10.
- Critically appraise the issues related to data quality in vital registration in Sri Lanka.

### **13. Medical Statistics Unit**

- Describe the institutional data flow of Health Management Information System in Sri Lanka
- Describe the contents and the usefulness of the Indoor Morbidity and Mortality Register (IMMR)
- Describe how the 10<sup>th</sup> revision of the International Classification of Diseases (ICD 10) is used to maintain health statistics
- Appraise the role of a medical officer in institutional Health Management Information System in Sri Lanka
- Describe the leading causes for morbidity and mortality in the institution
- Critically appraise the data quality of the health statistics maintained at the Medical Statistics Unit

### **14. Water Treatment Plant**

- Discuss the importance of provision of safe drinking water in promoting public health
- List the methods of mass water purification methods available
- Describe the steps of water purification system at the water treatment plant and the rationale of each step involved
- Describe the water quality assessment methods available in mass water purification systems
- Critically appraise the importance of different water quality control methods in relation to public health
- Appraise the different occupational hazard prevention and control measures adopted at the water treatment plant

## **15.Home for the Elders**

- Be aware of the eligibility criteria for admission to an elderly home.
- Know how elders are cared for in the community, with the involvement of state institutions and non-governmental organizations and their activities.
- Be aware of the common physical, mental and social problems in old age and the possible ways and methods in preventing and controlling them.
- Critically appraise the services provided by the institution you visited with regards to public health need.

## **16.Care of the disabled (e.g. Deaf & Blind School/ home for children with development delay)**

- Know what is meant by 'Disability'
- How to identify disabilities,
- Classification of disability
- The percentage of disabled persons and their distribution in Sri Lanka and the target group of the institute visited
- Other similar institutes / schools in Sri Lanka
- The method of enrolment of deaf and blind persons to the institute
- The procedure of referral of disabled persons to suitable governmental/non-governmental institutions
- The resources provided by governmental and non-governmental organizations for mentally & physically disabled persons
- Short comings in the provision of services to the disabled and the availability of resources for such services
- The outcome and the benefits of the programs available in the care of the disabled
- Know what is community based rehabilitation of the disabled and their importance
- Rights of disabled people and legal provisions available for to safeguard them



- Critically appraise the services provided by the institutes you visited with regards to public health needs.

### **17.Regional Disparities in Disease Epidemiology**

- Describe the epidemiology of leading causes of hospital admissions at the Out Patient Department in a selected hospital
- Describe the epidemiology of leading causes of morbidity observed in selected wards in the selected hospital
- Discuss the main determinants of common morbidities identified in the selected hospital
- Critically appraise the similarities and differences in disease epidemiology between the selected area and Anuradhapura district.
- Appraise the importance of identification of epidemiology of common diseases in providing health care at individual and community level.

### **18.Divisional Hospital**

- Describe the role of medical officer in charge in a primary care unit
- Describe the challenges of managing patients at divisional level
- Describe the importance of having a different level of hospitals
- Critically appraise the services provided by the divisional hospital you visited with regards to public health needs.

### **19.Prevention Round**

- State epidemiological diagnosis of outbreaks /expected outbreaks.
- Describe the individual level prevention activities of disease.
- Discuss population based approach in prevention of disease.
- Evaluate prevention strategies according to the level of prevention.
- Critically appraise cost effectiveness of interventions in related to expected outcomes.

## **20. Research methods workshop**

- Describe the role of research evidence in medicine
- Describe the main steps involved in developing a research proposal
- Develop research objectives, define study population, decide the appropriate sampling technique and operationalize key variables for a given topic
- Perform a literature search for an identified topic

## **21. Evidence Based Medicine and Journal Club**

- Define Evidence Based Medicine (EBM)
- Describe the importance of EBM
- Describe the steps of EBM
- Describe the role of Journal Club in EBM
- Critically evaluate a research paper on the validity, relevance and applicability

## **22. Disposal of Sewage and Refuse**

- Be aware of the health implications of improper disposal of human excreta and refuse.
- Know the methods available to dispose human excreta and refuse in urban and rural areas and the advantages and disadvantages of these methods.
- Know how air, water and soil get polluted due to improper disposal of sewage and refuse and the prevailing legislation to protect the environment against such pollution.
- Appraise the different occupational hazard prevention and control measures adopted at the unit you visited.

## **23. Factory visit**

- Identify different occupational hazards (physical, chemical, biological, psychological and ergonomic hazards) for the employee in an occupational setting/factory.
- Describe control and prevention measures adopted within the occupational setting/factory premises against occupational hazards.
- Critically appraise the occupational safety, health and welfare facilities available for the employees in an occupational setting/the factory
- Critically appraise the industrial waste management system in an occupational setting/the factory.
- Describe the importance of the maintenance and main components of the general register in relation to occupational health