

**DIS – DOCTOR IN SOCIETY**  
**TOPIC / OBJECTIVES**  
**DEPARTMENT OF COMMUNITY MEDICINE (CM)**  
**FORTH YEAR – FIRST SEMESTER**

<b>Topic</b>	<b>Objectives</b>	<b>Teaching method/s</b>	<b>Time</b>	<b>Teacher Responsible</b>
Screening of a newborn	Should be able to <ul style="list-style-type: none"> <li>➤ Detect abnormalities from head to toe and make appropriate referrals.</li> </ul>	Lecture	1 hour	Dr. A. Jayasinghe
Development of children from birth to 5 yrs ó I	Should be able to assess the developmental status in terms of <ul style="list-style-type: none"> <li>➤ Gross motor</li> <li>➤ Fine motor &amp; vision</li> </ul>	Lecture	1 hour	Dr. A. Jayasinghe
Development of children from birth to 5 yrs ó II	Should be able to assess the developmental status in terms of <ul style="list-style-type: none"> <li>➤ Hearing &amp; Speech</li> <li>➤ Social / Intellectual milestones</li> </ul> At 6 wks, 3, 6, 12, 18months, 3, 4 & 5 yrs	Lecture	1 hour	Dr. A. Jayasinghe
Warnings signs of early developmental delays (children who are in need)	With regard to above main areas of development at 6 wks, 3, 6, 12, 18months, 3, 4 & 5 yrs	Lecture	1 hour	Dr. A. Jayasinghe
** Recap the WHO definition of health define the term Disease. Differentiate the	Should be able to <ul style="list-style-type: none"> <li>➤ Classify and describe the disease causing agents</li> <li>➤ Recap what is meant by infectivity, pathogenesis, virulence, contamination, and infestation.</li> <li>➤ Describe the differences between infectious disease, contagious</li> </ul>	Lecture	1 hour	Dr. P.V.R. Kumarasiri

<p>differences between                  ðhealthö and                  ðDiseasesö.                  Understand the                  concepts of disease                  causation.</p> <p>**                  Natural history of                  disease and harmonic                  relationship among                  the agent, host and                  environment</p>	<p>disease and communicable disease.</p> <ul style="list-style-type: none"> <li>➤ Define the terms endemic, epidemic, sporadic, pandemic, zoonosis, nosocomial and opportunistic infections.</li> <li>➤ Explain the different types of sources and reservoirs of infectious agents.</li> </ul>			
<p>Host factors in the                  drugs and                  immunology                  programme</p>	<ul style="list-style-type: none"> <li>➤ Classify the host factors</li> <li>➤ Describe the susceptible host                         <ol style="list-style-type: none"> <li>I. Describe successful parasitism</li> <li>II. Describe the incubation period (latent period), its significance and method of calculation.</li> <li>III. Describe the communicable period, its significance and method of calculation.</li> </ol> </li> <li>➤ Recap the host defenses against infections.</li> <li>➤ Describe active, passive and herd immunity</li> <li>➤ Describe in details the current expanded program of immunization (EPI).</li> <li>➤ Explain the cold chain, the equipments and the importance of maintaining the cold chain in EPI.</li> <li>➤ Describe the hazards of immunization, and the current adverse reaction surveillance program (AEFI - Adverse Effects following Immunization) in Sri Lanka</li> </ul>	<p>Lecture</p>	<p>1 hour</p>	<p>Dr. P.V.R.                  Kumarasiri</p>
	<ul style="list-style-type: none"> <li>➤ Describe active, passive and herd immunity</li> <li>➤ Describe in details the current expanded program of immunization (EPI).</li> <li>➤ Explain the cold chain, the equipments and the importance of</li> </ul>	<p>Lecture</p>	<p>1 hour</p>	<p>Dr. P.V.R.                  Kumarasiri</p>

	<p>maintaining the cold chain in EPI.</p> <ul style="list-style-type: none"> <li>➤ Describe the hazards of immunization, and the current adverse reaction surveillance program (AEFI - Adverse Effects following Immunization) in Sri Lanka</li> </ul>			
Methods of communicable disease transmission	<ul style="list-style-type: none"> <li>➤ Describe in detail the classification of the direct transmission methods of infectious diseases.</li> <li>➤ Describe in detail the classification of indirect transmission methods of infectious diseases.</li> <li>➤ Differentiate meanings of causative factor and risk factor.</li> <li>➤ Describe the term "spectrum of diseases" and iceberg phenomena of disease.</li> </ul>	Lecture	1 hour	Dr. P.V.R. Kumarasiri
Communicable disease surveillance	<ul style="list-style-type: none"> <li>➤ Define the term disease surveillance.</li> <li>➤ Describe the current disease surveillance programs in Sri Lanka.</li> <li>➤ Classify and describe the different levels of disease prevention.               <ol style="list-style-type: none"> <li>I. Primordial prevention</li> <li>II. Primary prevention</li> <li>III. Secondary prevention</li> <li>IV. Tertiary prevention</li> </ol> </li> <li>➤ Explain the situations where these preventive methods are implemented</li> </ul>	Lecture	1 hour	Dr. P.V.R. Kumarasiri
Out break investigations	<ul style="list-style-type: none"> <li>➤ Specific protection</li> <li>➤ Early diagnosis and treatment               <ol style="list-style-type: none"> <li>I. Screening, active case detection, correct treatment and notification.</li> <li>II. Epidemiological investigations (outbreak investigations)</li> </ol> </li> <li>➤ Disability limitation and Rehabilitation.</li> </ul>	Lecture	1 hour	Dr. P.V.R. Kumarasiri

Introduction to International Health	<p>Be able to understand the international nature of disease and health and the role played by international organizations in maintaining global health</p> <ul style="list-style-type: none"> <li>➤ Student should understand what international health is and how it differs from global health.</li> <li>➤ Know why international organizations looking in to health matters were formed.</li> <li>➤ Be able name the important organizations in health and understand their organizational structure.</li> <li>➤ Be able to out line the new International Health Regulations and how they help individual countries maintain health</li> </ul>	Lecture	1 hour	Dr. S. Tennakoon
Introduction to Health Education (HE)	<ul style="list-style-type: none"> <li>➤ Give a definition of health education</li> <li>➤ Outline the aim of health education. Understand reasons of educating people.</li> </ul>	Lecture	1 hour	PG Trainees
Components of Health Education	<ul style="list-style-type: none"> <li>➤ Understand HE, HP, BCC</li> <li>➤ Differences and similarities</li> <li>➤ Components of HE</li> </ul>	Lecture	1 hour	PG Trainees
Principles of HE	<ul style="list-style-type: none"> <li>➤ Understand the principles of HE</li> </ul>	Lecture	1 hour	PG Trainees
Principles of behaviour adoptions	<ul style="list-style-type: none"> <li>➤ Define stages of adopting new ideas and practices theories of learning</li> </ul>	Lecture	1 hour	PG Trainees
Communication techniques	<ul style="list-style-type: none"> <li>➤ Defined methods and equipments used</li> </ul>	Lecture	1 hour	PG Trainees
Selection of method of HE	<ul style="list-style-type: none"> <li>➤ Selection of topic, Selection of group method and content</li> </ul>	Lecture	1 hour	PG Trainees

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**FORTH YEAR – SECOND SEMESTER**

<b>Topic</b>	<b>Objectives</b>	<b>Teaching method/s</b>	<b>Time</b>	<b>Teacher Responsible</b>
Mental Health	<ul style="list-style-type: none"> <li>➤ Recognize the importance of mental disease as a community Problem</li> <li>➤ Be aware of the treatment facilities available to mental diseases in the country</li> </ul>	Lecture	1 hour	Dr. W.A.L. Wickramasinghe
Facilities available in the country for the children with special needs in educational, social and other needs.	Recognize the facilities available both in the State sector and Non Governmental Organizations (NGOs)	Lecture	1 hour	Dr. A. Jayasinghe
Management of common early neonatal problems	Should be able to discuss such problems e.g. Feeding problems, jaundice, skin rashes & pustules, Ery. Toxicum, Nappy rashes/ Candidiasis, intertrigo, umbilical sepsis/ granuloma, constipation, abnormal looking head shapes, Vaginal bleeding, Breast engorgement/mastitis, crying baby Sticky eyes/conjunctivitis, poor weight gain, vomiting/regurgitation,	Lecture	1 hour	Dr. A. Jayasinghe
Breast feeding and weaning	Should be able to <ul style="list-style-type: none"> <li>➤ List advantages and contraindications of breast feeding.</li> <li>➤ Describe weaning process</li> </ul>	Lecture	1 hour	Dr. A. Jayasinghe

Common community child health problems, in the community	Should be able to discuss such problems e.g. poor weight gain, scabies, head lice, atopic eczema, recurrent abdominal pain, enuresis, leg pains, headaches, Limp, Behaviour disorders-ADHD(Attention Deficit Hyperactive Disorder, Autistic Spectrum Disorders(ASP)	Lecture	1 hour	Dr. A. Jayasinghe
Rights of the child, Geneva Convention, Children's Charter & Child Abuse	Should be able to discuss the issues related to children in global and Sri Lankan contexts, forms of child abuse	Lecture	1 hour	Dr. A. Jayasinghe
Epidemiological Unit	Should be able to list the functions and duties of the Epidemiological Unit	Lecture	1 hour	
Health Education Bureau	Should be able to list the functions and duties of Family Health Bureau	Lecture	1 hour	
Family Health Bureau	Should be able to list the functions and duties of the Health Education Bureau	Lecture	1 hour	
Introduction to Health Economics	To gain an understanding of, <ul style="list-style-type: none"> <li>➤ The definition of health economics</li> <li>➤ The financial flows in the health sector</li> </ul>	Lecture	1 hour	Dr. S.D. Dharmarathne
Supply of Health Services	<ul style="list-style-type: none"> <li>➤ The factors determining the demand for and supply of health services</li> </ul>	Lecture	1 hour	Dr. S.D. Dharmarathne
Health Care resource	<ul style="list-style-type: none"> <li>➤ Methods of allocating health care resources</li> </ul>	Lecture	1 hour	Dr. S.D. Dharmarathne