Course Curriculum for Medical Officers

Session	Date	Title	Learning Objectives
No.			
	21.09.24	Orientation	To orient the participants regarding the usage
			of Zoom and etiquettes of ECHO sessions.
		Pre-training evaluation quiz (sent through email)	To assess the current attitudes & practice with regard to cancer screening prevalent among the Medical Officers (MOs).
1	Wk. 1	Introduction to TMC-ECHO's online Cancer Screening course	Burden of cancer in India: Prevalence,
	28.09.24	Introduction to Cancer Screening and the role of medical officers in the	incidence and mortality of cancerCauses of cancer
		nations' cancer screening program	Risk factors of cancerWhat is screening? Types of screening
			Risks and benefits of screeningIntroduction to cancer screening in
		Pre-module 1 evaluation quiz	India To assess the current knowledge level of MOs
			with regard to cervical cancer screening.
		MODULE 1: CERVICAL CANCE	ER SCREENING
2	Wk 2	Methods of cervical cancer Screening and their advantage and disadvantages, Cervical Cancer	Burden and natural history of cervical cancer
	05.10.24	Screening Guidelines in India and the rationale behind it (age, frequency,	 Causes, risk factors, signs and symptoms of cervical cancer
		when to start, when to stop etc.)	Anatomy & physiology of transformation zone and squamous columnar junction
			Screening tests and their pros and cons
			When to begin screening? For whom?

When to stop screening? Impact of HPV vaccination on future screening Operational Guidelines of MoHFW, India for cervical cancer screening Wk. 3 Wk. 3 19.10.24 Visual inspection with Acetic Acid (VIA) fi. its Evaluation Principle of VIA Brief Step-by-step procedure of VIA with video, including the preparation of 5% acetic acid Interpretations of VIA in brief Briefly discuss the advantages and limitations of VIA Treatment of CIN and Screen Positives Treatment of CIN and Screen Positives Post-module 1 evaluation quiz To assess the knowledge level of MOs with regard to cervical cancer screening after the training module Post-module 1 evaluation quiz To assess the knowledge level of MOs with regard to cervical cancer screening after the training module				Optimal screening intervals
Impact of HPV vaccination on future screening				
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			Post-module 1 evaluation quiz	
training module				
				training module

MODULE 2: BREAST CANCER SCREENING

6	Wk. 6	Introduction to Breast Cancer	Burden of breast cancer
	09.11.2024	Screening, SBE & CBE	Causes of breast cancer
			Risk factors
			Symptoms and signs of breast cancer
			Screening methods
			 Operational guidelines of MoHFW, India for breast cancer screening
			 Role of follow up and referral in reducing the burden of cancer
7	Wk. 7	Triple Assessment for Breast Cancer	Types of diagnostic modalities available
	16.11.2024	Screening	for breast cancer screening (triple assessment)
			 Ultrasound: eligibility, advantages and limitations
			 Mammography: eligibility, advantages and limitations
			 MRI: eligibility, advantages and limitations
			• FNAC/ Biopsy
8	Wk. 8	Case scenarios pertaining to breast	Various cases pertaining to premalignant and
	23.11.2024	cancer screening	malignant breast lesions will be discussed here.
		Post-module 2 evaluation quiz	To assess the knowledge level of MOs with regard to breast cancer screening after the training module.
		Pre-module 3 evaluation quiz	To assess the current knowledge level of MOs with regard to oral cancer screening (& tobacco cessation).

MODULE 3: ORAL CANCER SCREENING & MISCELLANEOUS

MODULE 3: ORAL CANCER SCREENING & MISCELLANEOUS			
10	Wk.9 30.11.2024	Introduction to Oral Cancer Screening and its risk factors	 Burden of Oral cancer Prevalence, incidence and mortality of oral cancer Causes, signs and symptoms, Risk factors Role of tobacco in oral cancer Common sites of oral cancer
9	Wk. 10 07.12.2024	Common abnormalities of the oral cavity	 Screening and diagnostic modalities of oral cancer Efficacy of oral examination Technique of oral examination Operational framework of MoHFW, India for oral cancer screening
11	Wk.11 14.12.2024	Interview and behavioural counselling.	 Behavioural intervention Pharmacological intervention (with focus on NRT) Relapse and lapse Tobacco cessation clinic - a brief Target population m-Health - a brief
12	Wk. 12 21.12.2024	Tobacco cessation clinic	
14	Wk.13 28/12/2024	Breaking the bad news of screen positivity/cancer	 How to break the news of screen positive news How to calm down the situation in case of adverse response to the diagnosis

15	Wk 14 04/01/2025	Infection control & Documenting Cancer Screening Results	 Documenting Infection control To assess the knowledge level of MOs with regard to cervical cancer screening after the training module
		Post-module 3 evaluation quiz	To assess the knowledge level of MOs with regard to oral cancer screening & other important miscellaneous topics after the training module.
		Post-training evaluation quiz	To assess the attitudes & practice with regard to cancer screening among the MOs after the training program.

Case Presentation Template

• (Link provided on the website)

Certification

ELIGIBILITY CRITERIA FOR COURSE COMPLETION CERTIFICATE:

- Attend atleast 10 out of total 14 sessions
- Atleast 1 case presentation (on cervical, breast or oral cancer screening)
- Minimum 50% in each module's post quizzes, and 80% overall aggregate
- Complete both pre and post training evaluation surveys.