

Course Curriculum for Medical Officers

Session No.	Date	Title	Learning Objectives
	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 28.09.24	Introduction to TMC-ECHO's online Cancer Screening course	<ul style="list-style-type: none"> • Burden of cancer in India: Prevalence, incidence and mortality of cancer • Causes of cancer • Risk factors of cancer • What is screening? Types of screening • Risks and benefits of screening • Introduction to cancer screening in India
		Introduction to Cancer Screening and the role of medical officers in the nations' cancer screening program	
		Pre-module 1 evaluation quiz	To assess the current knowledge level of MOs with regard to cervical cancer screening.
MODULE 1: CERVICAL CANCER SCREENING			
2	Wk 2 2 05.10.24	Methods of cervical cancer Screening and their advantage and disadvantages, Cervical Cancer Screening Guidelines in India and the rationale behind it (age, frequency, when to start, when to stop etc.)	<ul style="list-style-type: none"> • Burden and natural history of cervical cancer • Causes, risk factors, signs and symptoms of cervical cancer • Anatomy & physiology of transformation zone and squamous columnar junction • Screening tests and their pros and cons • When to begin screening? For whom?

			<ul style="list-style-type: none"> • Optimal screening intervals • When to stop screening? • Impact of HPV vaccination on future screening • Operational Guidelines of MoHFW, India for cervical cancer screening
3	Wk. 3 19.10.24	Visual Inspection with Acetic Acid (VIA) & its Evaluation	<ul style="list-style-type: none"> • Brief Anatomy & Physiology of transformation Zone • 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
4	Wk. 4 26.10.24	Treatment of CIN and Screen Positives	<ul style="list-style-type: none"> • Types of ablative therapies (cryotherapy & thermocoagulation, including videos) • Eligibility • Contraindications • Complications • Follow up • Types of excisional methods • Eligibility criteria for treatment with excisional methods • Follow up
5	Wk. 5 02.11.2024	Case Scenarios in Cervical Cancer Screening and Management	Various cases pertaining to precancerous and cancerous cervical lesions will be discussed here. (VIA +ve, VIA -ve, Screen-and-treat cases etc.)
		Post-module 1 evaluation quiz	To assess the knowledge level of MOs with regard to cervical cancer screening after the training module

MODULE 2: BREAST CANCER SCREENING

6	Wk. 6 09.11.2024	Introduction to Breast Cancer Screening, SBE & CBE	<ul style="list-style-type: none"> • Burden of breast cancer • 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 16.11.2024	Triple Assessment for Breast Cancer Screening	<ul style="list-style-type: none"> • Types of diagnostic modalities available 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 23.11.2024	Case scenarios pertaining to breast cancer screening	Various cases pertaining to premalignant and 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

10	Wk.9 30.11.2024	Introduction to Oral Cancer Screening and its risk factors	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Documenting • Infection control <p>To assess the knowledge level of MOs with regard to cervical cancer screening after the training module</p>
		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 **at least 10** out of total 14 sessions
- **At least 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.