

Course Curriculum for Medical Officers

Session No.	Date	Title	Learning Objectives
	13/11/2021	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 27/11/2021	Introduction to TMC-ECHO's online Cancer Screening course Introduction to Cancer Screening and the role of medical officers in the nations' cancer screening program	<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
		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 20/11/2021	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? • Optimal screening intervals

			<ul style="list-style-type: none"> • When to stop screening? • Impact of HPV vaccination on future screening • Operational Guidelines of MoHFW, India for cervical cancer screening
3	Wk. 3 04/12/2021	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 11/12/2021	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 18/12/2021	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

		Pre-module 2 evaluation quiz	To assess the current knowledge level of MOs with regard to breast cancer screening.
MODULE 2: BREAST CANCER SCREENING			
6	Wk. 6 01/01/2022	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 08/01/2022	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 15/01/2022	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

9	Wk.9 22/01/2022	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
10	Wk. 10 29/01/2022	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. 12 05/02/2022	Tobacco Cessation: Counselling and follow up	<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. 13 12/02/2022	Infection Control	<ul style="list-style-type: none"> • Disinfection of equipment • Preparation of disinfectants or 0.5% hypochlorite solution, • Sterilization of cancer screening equipment and disposal of used items
13	Wk. 14 19/02/2022	Breaking the news of screen positivity/ cancer	<ul style="list-style-type: none"> • How to break the news of screen positive news

			<ul style="list-style-type: none"> How to calm down the situation in case of adverse response to the diagnosis
14	Wk. 15 26/02/2022	Documenting Cancer Screening Results	<ul style="list-style-type: none"> The various fields in the proforma for cancer screening Who fills it, how often What is the rationale and purpose behind each field
		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.

