

National Institute of Cancer Prevention and Research-ICMR training
NICPR-ECHO's Virtual Cancer Screening Training Program for Medical Officers 4
Followed by Hands-On Workshop at Dr B Borooah Cancer Institute, Guwahati

Course Information

Ministry of Health & Family Welfare has recently mandated a population based cancer screening in the country for three preventable cancers of oral, breast and that of uterine cervix, under the National NCD Control Program. Once implemented, cancer services will be available in all health facilities across all the states and Union territories of India. The exercise will be carried out by existing health care professionals. Thus, it is imperative that all health care providers are well versed with the national guidelines and screening modalities of cancer screening in the nation.

As per the Operational Framework for the Management of Common Cancers, screening of oral, breast and cervical cancers will be done at PHCs/ SHCs by staff nurses & ANMs. These will be confirmed by the medical officers at the PHCs and the screen positives will then be referred to higher facilities (CHCs/DHs) in the vicinity for further management and treatment. Thus, it is absolutely essential that all health care professional have thorough knowledge about screening, the guidelines for screening, the screening modalities and the procedures and techniques used for the same, as per the Operational Framework.

The training course will provide a basic understanding of cancer screening for three preventable cancers viz. oral, breast and the cervix. All the tests to screen for these three cancers will be dealt in great detail.

VIA test for cervical cancer will be discussed in-depth followed by its evaluation/ interpretation for effective management of screen positives.

Breast cancer screening and its modalities such as self-breast examination (SBE) and clinical breast examination (CBE) and management of benign and malignant lesions of the breast will be taught, so that screening for breast cancer will eventually reduce the burden of breast cancer in India.

Employing oral visual examination (OVE) to screen for oral cancer to reduce its burden in our country, where smokeless tobacco use is almost 85% of the world, will be dealt with along with tobacco cessation/ counseling.

FOR WHOM

All Medical Officers (MBBS/ AYUSH) at various health facilities across India both in private and government sector.

PRE-REQUISITES

The participant must be a graduate (MBBS or any of the AYUSH streams) and preferably be working at a private or public sector PHC, clinic, nursing home or any other health facility, where s/he'll be able to implement cancer-screening services at the community level or intends to offer these services in the future.

COURSE DURATION

14 weeks (From May 08, 2019 to August 14, 2019, every Wednesdays from 3:00 pm to 4:00 pm)
1 hour every week.

MODE OF LEARNING

All lessons will be imparted using the ECHO model using online web-conferencing tool of Zoom software, which is freely downloadable [here](#)

1. Didactics: 20-25 mins
2. Case presentations: 2-3 per session
3. Video demonstrations of procedures
4. Resource and reading materials will be shared before and/ or after sessions
5. Pre and post session quizzes

CERTIFICATION

"Certificate of Completion" will be offered to all participants who fulfill the following criteria:

- 1) Attend atleast 10 (ten) sessions out of the total of 14 sessions.
- 2) Present atleast 1 (one) case during the course.
- 3) Score atleast 80% (in aggregate) in all quizzes during the sessions.
- 4) It is mandatory for every participant to have participated in the pre and post evaluation survey of the course.

All the above criteria are necessary to be fulfilled in order to be eligible for the "Certificate of Completion"

WHAT WOULD YOU GAIN FROM THIS PROGRAM?

1. Enhanced knowledge on oral, cervical and breast cancer screening
2. Clear cut understanding of the national guidelines to implement population based cancer screening and the rationale behind it.
3. Didactics on all topics
4. Video presentations of procedures/ techniques
5. Meet internationally and nationally renowned experts in the field of preventive oncology
6. Current research papers in the field
7. Certificate from ICMR-NICPR & NHSRC, our collaborators.
8. Free registration for any one hands-on workshop that NICPR conducts often

COURSE FEES

Rs. 1000 by NEFT (Preferred) Or DD in favor of "The Director", NICPR, payable at Noida

All payments to be made by fund transfer

Fund Transfer Details:

Account Name: Director, ICPO

Bank: State Bank of India (11486)

Account No: 32383700713

IFSC CODE: SBIN0011486

Kindly note we have a NO REFUND policy for cancellation. So, we request you to be certain before you enroll in our program. If in doubt please email us at nicprecho@gmail.com for clarification before you register.

The registration form, complete with payment transaction details may be submitted online.

Start date of the course: Wednesday, May 08, 2019 (Wednesdays 3:00 pm to 4:00 pm)

End date of the course: Wednesday, August 14, 2019

Registrations open on: Friday, April 05, 2019

Last date of registration: Tuesday, April 30, 2019 by e-mail to bbcighy2015@gmail.com

Only 30seats available on a first come, first serve basis

Course Curriculum

Course Information

Sl.No.	Date	Title	Learning Objectives	Expert
1	08/05/19	Introduction to NICPR-ECHO's online Cancer Screening course (2:30 to 3:00 pm) Introduction to Cancer Screening and the role of medical officers in the nations' cancer screening program	<ol style="list-style-type: none"> 1) Orientation (2:30 to 3:00 pm) 2) Burden of cancer in India: Prevalence, incidence and mortality of cancer 3) Causes of cancer 4) Risk factors of cancer 4) What is screening? Types of screening 6) Risks and benefits of screening 7) Introduction to cancer screening in India 	Team NICPR-ECHO/ Dr. Harsha Joshi, NHSRC, New Delhi
2	15/05/19	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.)	<ol style="list-style-type: none"> 1) Burden and natural history of cervical cancer 2) Causes, risk factors, signs and symptoms of cervical cancer 3) Anatomy & physiology of transformation zone and squamous columnar junction 4) Screening tests and their pros and cons 5) When to begin screening? For whom? 6) Optimal screening intervals 7) When to stop screening? 8) Impact of HPV vaccination on future screening 9) Operational Guidelines of MoHFW, India for cervical cancer screening 	Dr. Ravi Mehrotra, Director NICPR, Noida
3	22/05/19	Visual Inspection with Acetic Acid (VIA) & its Evaluation	<ol style="list-style-type: none"> 1) Brief Anatomy & Physiology of transformation Zone 2) Principle of VIA 3) Brief Step-by-step procedure of VIA with video, including the preparation of 5% acetic acid 4) Interpretations of VIA in brief 5) Briefly discuss the advantages and limitations of VIA 	Dr. Roopa Hariprasad Scientist 'E', NICPR, Noida

4	29/05/19	Treatment of CIN and Screen Positives	<ol style="list-style-type: none"> 1) Types of ablative therapies (cryo & thermocoagulation, including videos) 2) Eligibility 3) Contraindications 4) Complications 5) Follow up 6) Types of excisional methods 7) Eligibility criteria for treatment with excisional methods 8) Follow up 	Dr. Kavitha Dhanasekaran Scientist 'D', NICPR, Noida
	5/6/2019	HOLIDAY		
5	12/06/19	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)	Dr. Roopa Hariprasad/ Dr. Kavitha Dhanasekaran
6	19/06/19	Introduction to Breast Cancer Screening, SBA & CBE	<ol style="list-style-type: none"> 1) Burden of breast cancer 2) Causes of breast cancer 3) Risk factors 4) Symptoms and signs of breast cancer 5) Screening methods 6) Operational guidelines of MoHFW, India for breast cancer screening 7) Role of follow up and referral in reducing the burden of cancer 	Dr. Anurag Shrivastava, Prof & Head, Dept of Surgery, AIIMS, New Delhi
7	26/06/19	Triple Assessment for Breast Cancer Screening	<ol style="list-style-type: none"> 1) Types of diagnostic modalities available for breast cancer screening (triple assessment) 2) Ultrasound: eligibility, advantages and limitations 3) Mammography: eligibility, advantages and limitations 4) MRI: eligibility, advantages and limitations 5) FNAC/ Biopsy 	Dr. Chitresh Kumar, Asst. Prof., Dept of Surgery, AIIMS, New Delhi
8	03/07/19	Case scenarios pertaining to breast cancer screening	Various cases pertaining to premalignant and malignant breast lesions will be discussed here.	Dr. Piyush Ranjan, AIIMS, New Delhi

9	10/07/19	Introduction to Oral Cancer Screening and its risk factors	<ol style="list-style-type: none"> 1) Burden of Oral cancer 2) Prevalence, incidence and mortality of oral cancer 3) Causes, signs and symptoms, Risk factors 4) Role of tobacco in oral cancer 5) Common sites of oral cancer 	Dr. Suzanne Nethan, Scientist 'B' NICPR, Noida
10	17/07/19	Common abnormalities of the oral cavity	<ol style="list-style-type: none"> 1) Screening and diagnostic modalities of oral cancer 2) Efficacy of oral examination 3) Technique of oral examination 4) Operational framework of MoHFW, India for oral cancer screening 	Dr. Shalini Gupta, Asst. Prof, AIIMS, New Delhi
11	24/07/19	Tobacco Cessation: Counseling and follow up	<ol style="list-style-type: none"> 1) Nicotine Replacement Therapy Gums, Patches, Lozenges, Others: Nasal Spray, Inhalers 2) Non-Nicotine therapy Bupropion, Varenicline, Others: Nortriptyline, Clonidine etc. 3) Target population 4) Program design 5) Infrastructural requirements 6) Budget 7) Capacity building 8) Background 9) Importance of m-Health in population-based tobacco cessation 10) Evidence of efficacy of m-Health in tobacco cessation 11) Importance of m-Health in tobacco cessation training 	Dr. Bhavya Bairy, NIMHANS, Bengaluru
12	31/07/19	Infection Control	<ol style="list-style-type: none"> 1) Disinfection of equipment 2) Preparation of disinfectants or 0.5% hypochlorite solution, 3) Sterilization of cancer screening equipment and disposal of used items 	Dr. Rashmi Asif, Clinical Director, JHPEIGO, New Delhi
13	07/08/19	Documenting Cancer Screening Results	<ol style="list-style-type: none"> 1) The various fields in the proforma for cancer screening 2) who fills it, how often 3) what is the rationale and purpose behind each field 	Dr. Neha Dhumka, NHSRC, New Delhi

14	14/08/19	MO as Team Leader at the Health Facility	1) Role of medical officer in population based cancer screening at the PHC 2) how to lead the screening team in the population based cancers creening	Dr. Shalini Singh, NHSRC, New Delhi
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