

CERVICAL CANCER SCREENING

VOLUME 18

This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Cancer-Preventive Interventions, which met remotely, 12–16 October 2020

LYON, FRANCE - 2022

IARC HANDBOOKS OF
CANCER PREVENTION

LIST OF ABBREVIATIONS

ACA	Affordable Care Act
ACS	American Cancer Society
AGC	atypical glandular cells
AI	artificial intelligence
AIS	adenocarcinoma in situ
ALTS	Atypical Squamous Cells of Undetermined Significance/Low-Grade Squamous Intraepithelial Lesion Triage Study
ART	antiretroviral therapy
ARTISTIC	A Randomised Trial In Screening To Improve Cytology
ASC	atypical squamous cells
ASCCP	American Society for Colposcopy and Cervical Pathology
ASC-H	atypical squamous cells, cannot exclude high-grade squamous intraepithelial lesion
ASC-US	atypical squamous cells of undetermined significance
ASC-US+	atypical squamous cells of undetermined significance or worse
ASIR	age-standardized incidence rate
ASMR	age-standardized mortality rate
ATHENA	Addressing the Need for Advanced HPV Diagnostics
AUC	area under the curve
BIRST	Bethesda Interobserver Reproducibility Study
BMD	borderline or mild dyskaryosis
CASSIS	Cervical And Self-Sample In Screening
CCCaST	Canadian Cervical Cancer Screening Trial
CCPCN	Cervical Cancer Prevention and Control Network
CCPPZ	Cervical Cancer Prevention Program in Zambia
CI	confidence interval
CIN	cervical intraepithelial neoplasia
CIN1	cervical intraepithelial neoplasia grade 1
CIN2	cervical intraepithelial neoplasia grade 2
CIN2+	cervical intraepithelial neoplasia grade 2 or worse
CIN3	cervical intraepithelial neoplasia grade 3
CIN3+	cervical intraepithelial neoplasia grade 3 or worse
CIS	carcinoma in situ
CLEAR	Clinical Evaluation of Aptima mRNA
CNN	convolutional neural network

cNPV	complement of negative predictive value
CPAC	Canadian Partnership Against Cancer
CSQ	Cervical Screening Questionnaire
CYTOTRAIN	Transnational Training Programme in Cervical Cytology
EIA	enzyme immunoassay
EU	European Union
FDA	Food and Drug Administration
FIGO	International Federation of Gynecology and Obstetrics
FSFI	Female Sexual Function Index
GHQ	General Health Questionnaire
GP	general practitioner
HADS	Hospital Anxiety and Depression Scale
HARP	HPV in Africa Research Partnership
HART	HPV in Addition to Routine Testing
HAT	Hanover and Tübingen
HC2	Hybrid Capture 2
HDI	Human Development Index
HIP	HPV Impact Profile
HIV	human immunodeficiency virus
HPV	human papillomavirus
HPV FOCAL	HPV For Cervical Cancer Screening
HR	hazard ratio
hrHPV	high-risk human papillomavirus
HSIL	high-grade squamous intraepithelial lesion
HSIL+	high-grade squamous intraepithelial lesion or worse
IARC	International Agency for Research on Cancer
ICC	invasive cervical cancer
ICD-10	International Statistical Classification of Diseases and Related Health Problems, 10th revision
IFCPC	International Federation of Cervical Pathology and Colposcopy
IRR	incidence rate ratio
KPNC	Kaiser Permanente Northern California
LAST	Lower Anogenital Squamous Terminology
LBC	liquid-based cytology
LEEP	loop electrosurgical excision procedure
LEGH	lobular endocervical glandular hyperplasia
LLETZ	large loop excision of the transformation zone
LMICs	low- and middle-income countries
LSIL	low-grade squamous intraepithelial lesion
LSIL+	low-grade squamous intraepithelial lesion or worse
mRNA	messenger RNA
NBCCEDP	National Breast and Cervical Cancer Early Detection Program
NCCSPRA	National Cervical Cancer Screening Program in Rural Areas
NETZ	needle excision of the transformation zone
NGO	nongovernmental organization
NHIC	National Health Insurance Corporation
NHS	National Health Service
NILM	negative for intraepithelial lesion or malignancy
NNCTR	Nepal Network for Cancer Treatment and Research
NPV	negative predictive value
NTCC	New Technologies for Cervical Cancer Screening

OR	odds ratio
PAHO	Pan American Health Organization
PCR	polymerase chain reaction
PHE	Public Health England
PHQ4	Patient Health Questionnaire-4
PICOS	population, intervention, comparator, outcome, and studies
POBASCAM	Population Based Screening Study Amsterdam
PPV	positive predictive value
PRISMA	Preferred Reporting Items for Systematic Reviews and Meta-Analyses
QUADAS	Quality Assessment of Diagnostic Accuracy Studies
RCI	Reid Colposcopic Index
RCT	randomized controlled trial
ROC	receiver operating characteristic
RR	relative risk
SAR	Special Administrative Region
SCC	squamous cell carcinoma
SCJ	squamocolumnar junction
SEER	Surveillance, Epidemiology, and End Results
SIL	squamous intraepithelial lesion
SIR	standardized incidence ratio
SPOCCS I	Shanxi Province Cervical Cancer Screening Study I
sROC	summary receiver operating characteristic
STAI	State-Trait Anxiety Inventory
STARD	Standards for Reporting of Diagnostic Accuracy Studies
STEPS	STEPwise approach to Surveillance
SwedeScreen	Randomized Controlled Trial of Human Papillomavirus Testing in Primary Cervical Cancer Screening
SWETZ	straight wire excision of the transformation zone
TBS	the Bethesda system
TNM	tumour–node–metastasis
TOC	test of cure
TOMBOLA	Trial of Management of Borderline and Other Low-grade Abnormal smears
TZ	transformation zone
UNAIDS	Joint United Nations Programme on HIV/AIDS
UNFPA	United Nations Population Fund
UNJGP	United Nations Joint Global Programme on Cervical Cancer Prevention and Control
USPSTF	United States Preventive Services Task Force
VIA	visual inspection with acetic acid
VILI	visual inspection with Lugol's iodine
VUSA-Screen	Vrije Universiteit Medical Centre-Saltro Laboratory Population-Based Cervical Screening
WHO	World Health Organization
WIHS	Women's Interagency HIV Study
WLHIV	women living with HIV
WOLPHSCREEN	Wolfsburg Pilot Project for Better Prevention of Cervical Cancer with Primary HPV Screening