## **Supplementary Data**

## SUPPLEMENTARY TABLE S1. CPT AND LABORATORY CODES FOR PAP AND HPV SCREENING TESTS

Code	Description
	or Pap screening
88141 88142	Cytopathology, cervical or vaginal (any reporting system), requiring interpretation by physician Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated
88143	thin-layer preparation; manual screening under physician supervision Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation; with manual screening and rescreening under physician supervision
88144	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation; with manual screening and computer-assisted rescreening under physician supervision
88145	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation; with manual screening and computer-assisted rescreening using cell selection and review under physician supervision
88147	Cytopathology smears, cervical or vaginal; screening by automated system under physician supervision
88148	Cytopathology smears, cervical or vaginal; screening by automated system with manual rescreening under physician supervision
88150	Cytopathology, slides, cervical or vaginal; manual screening under physician supervision
88151	Cytopathology, smears, cervical or vaginal, up to three smears; requiring interpretation by physician
88152	Cytopathology, slides, cervical or vaginal; with manual screening and computer-assisted rescreening under physician supervision
88153	Cytopathology, slides, cervical or vaginal; with manual screening and rescreening under physician supervision
88154	Cytopathology, slides, cervical or vaginal; with manual screening and computer-assisted rescreening using cell selection and review under physician supervision
88155	Cytopathology, slides, cervical or vaginal, definitive hormonal evaluation ( <i>e.g.</i> , maturation index, karyopyknotic index, estrogenic index) (List separately in addition to code[s] for other technical and interpretation services)
88156	Cytopathology, smears, cervical or vaginal, (the Bethesda System (TBS)), up to three smears; screening by technician under physician supervision
88157	Cytopathology, smears, cervical or vaginal, (the Bethesda System [TBS]), up to three smears; requiring interpretation by physicians
88158	Cytopathology, smears, cervical or vaginal, (the Bethesda System (TBS)), up to three smears; with manual cytotechnologist screening and automated rescreening under physician supervision
88164	Cytopathology, slides, cervical or vaginal (the Bethesda System); manual screening under physician supervision
88165	Cytopathology, slides, cervical or vaginal (the Bethesda System); with manual screening and rescreening under physician supervision
88166	Cytopathology, slides, cervical or vaginal (the Bethesda System); with manual screening and computer-assisted rescreening under physician supervision
88167	Cytopathology, slides, cervical or vaginal (the Bethesda System); with manual screening and computer-assisted rescreening using cell selection and review under physician supervision
88174	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation; screening by automated system, under physician supervision
88175	Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation; with screening by automated system and manual rescreening or review, under physician supervision
P3000	Screening papanicolaou smear, cervical or vaginal, up to three smears, by technician under physician supervision
P3001	Screening papanicolaou smear, cervical or vaginal, up to three smears, requiring interpretation by physician
G0123	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation, screening by cytotechnologist under physician supervision
G0124	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation, requiring interpretation by physician
G0141	Screening cytopathology smears, cervical or vaginal, performed by automated system, with manual rescreening, requiring interpretation by physician

(continued)

## SUPPLEMENTARY TABLE S1. (CONTINUED)

Code	Description
G0143	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation, with manual screening and rescreening by cytotechnologist under physician supervision
G0144	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation, with screening by automated system, under physician supervision
G0145	Screening cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin-layer preparation, with screening by automated system and manual rescreening under physician supervision
G0147	Screening cytopathology smears, cervical or vaginal, performed by automated system under physician supervision
G0148	Screening cytopathology smears, cervical or vaginal, performed by automated system with manual rescreening
Q0091	Screening papanicolaou smear; obtaining, preparing and conveyance of cervical or vaginal smear to laboratory
Laboratory code	es for HPV screening
21782- ROCLIS	HPV high-risk types
21785- ROCLIS	Specimen source (w/HPV)
21845- ROCLIS	HPV high-risk types
21846- ROCLIS	Specimen source (w/HPV Det)
35924- ROCMIC	HPV high-risk type 16, PCR
35925- ROCMIC	HPV high-risk type 18, PCR
35926- ROCMIC	HPV other high-risk types, PCR
83344- ROCMIC	HPV high-risk types
SRC5- ROCMIC	Specimen source (high-risk HPV DNA)
SS017- ROCMIC	Specimen source (w/HPVR)
SS018- ROCMIC	Specimen source (HPV with Geno)
18758 21782	Interpretation in situ DNA Hybrid. HPV typing HPV high-risk types
21845	HPV high-risk types
36003	HPV high-risk type 16, PCR
36004	HPV high-risk type 18, PCR
36005	HPV other high-risk types, PCR
SHPV SS018	HPV high-risk DNA detection with genotyping HPV specimen source
CPT codes for I	
87620 87621	Infectious agent detection by nucleic acid (DNA or RNA); papillomavirus, human, direct probe technique Infectious agent detection by nucleic acid (DNA or RNA); papillomavirus, human, amplified probe technique
87622	Infectious agent detection by nucleic acid (DNA or RNA); papillomavirus, human, quantification
87624	Infectious agent detection by nucleic acid (DNA or RNA); HPV, high-risk types ( <i>e.g.</i> , 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 68)
87625	Infectious agent detection by nucleic acid (DNA or RNA); HPV, types 16 and 18 only, includes type 45, if performed
G0476	Infectious agent detection by nucleic acid (DNA or RNA); HPV, high-risk types (e.g., 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 68) for cervical cancer screening, must be performed in addition to pap test
G9806	Patients who received cervical cytology or an HPV test