



















CRD Database via Centre for Reviews and Dissemination March 4<sup>th</sup>, 2021

## Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod

Search terms	Items found
<b>Population: Cervical cancer</b>	
92. ("cervical cancer" OR "cervical neoplas*" OR "cervical carcinom*" OR "cervical adenocarcinom*" OR "cervical dysplas*" OR "cervical intraepithelial" OR "cervix cancer" OR "cervix neoplas*" OR "cervix carcinom*" OR "cervix adenocarcinom*" OR "cervix dysplas*" OR "cervix intraepithelial" OR "HPV-infection*" OR hrHPV* OR "hr-HPV*" OR "papillomavirus-infect*") AND ("HPV analys*" or "HPV DNA-analys*" or "HPV-test*" or "papillomavirus-analys*" or "papillomavirus DNA-analys*" or "papillomavirus-test" or PCR or "polymerase chain reaction" or virology) AND (cytodiagn* or cytolog* or papanicolaou or papanicolaou or "pap test*" or "pap smear" or "pap swab" or "pap scrap")	102

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **AF** = Author affiliation; **All** = Performs a keyword search in most of the database's searchable fields, except full text; **AU** = Author; **MAINSUBJECT** = Term from the thesaurus; **TI** = Title; \* = Truncation; " " = Citation Marks; searches for an exact phrase; ? = Wildcard, used to replace any single character either inside or at the right end of a word

Embase via Elsevier February 26<sup>th</sup>, 2021

## Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod

Search terms	Items found
<b>Population: Cervical cancer</b>	
93. 'uterine cervix tumor'/exp OR 'uterine cervix carcinoma in situ'/exp OR 'cervical intraepithelial neoplasia 2'/exp OR 'cervical intraepithelial neoplasia 3'/exp OR 'cervical intraepithelial neoplasia grade 2'/exp OR 'papillomavirus infection'/exp OR 'uterine cervix dysplasia'/exp OR 'papillomaviridae'/de OR 'alphapapillomavirus'/exp	167,239
94. ((cervic* OR cervix*) NEAR/3 (canc* OR precanc* OR neoplas* OR adenocarcinom* OR carcinom* OR dysplas*)):ti,ab,kw	111,961
95. hpv*:ti,ab,kw OR hrhpv*:ti,ab,kw OR 'hr hpv*':ti,ab,kw OR papillomavir*:ti,ab,kw OR cin*:ti,ab,kw	244,679
96. 1-3 (OR)	373,639
<b>Index test: HPV-analysis</b>	
97. 'human papillomavirus dna test'/exp OR 'virology'/exp OR 'human papillomavirus test'/exp OR 'human papillomavirus testing'/exp OR 'polymerase chain reaction'/exp OR 'pcr'/exp	1,045,937
98. ((hpv* OR papilloma*) NEAR/3 (analy* OR dna OR test* OR smear* OR assay*)):ti,ab,kw	22,812
99. pcr:ti,ab,kw OR 'polymerase chain reaction':ti,ab,kw OR virology:ti,ab,kw	922,195
100. 5-7 (OR)	1,317,025
<b>Reference test: Cytology</b>	
101. 'cytology'/exp OR 'papanicolaou test'/exp	911,172

102.	cytodiagn*:ti,ab,kw OR cytolog*:ti,ab,kw OR papanicolau:ti,ab,kw OR papanicolaou:ti,ab,kw	139,078
103.	(pap NEAR/1 (test* OR smear* OR swab* OR scrap*)):ti,ab,kw	12,779
104.	9-11 (OR)	968,774
<b>Study types: diagnostic studies</b>		
105.	'sensitivity and specificity'/exp OR 'predictive value'/exp OR 'receiver operating characteristic'/exp OR 'area under the curve'/exp	683,017
106.	(accuracy OR diagnostic OR diagnosis OR detect* OR predict* OR probabil* OR performance OR sensitiv* OR specific* OR ppv OR npv OR roc OR auroc)	11,776,782
107.	13-14 (OR)	11,902,946
<b>Study types: systematic reviews, meta analysis</b>		
108.	'systematic review'/de OR 'meta analysis'/de	384,963
109.	[cochrane review]/lim	21,865
110.	((systematic* NEXT/3 (review* OR overview)):ti,ab) OR ((systematic* NEXT/3 bibliographic*):ti,ab) OR ((systematic* NEXT/3 literature):ti,ab)	268,195
111.	'meta analy*':ti,ab OR metaanaly*':ti,ab	252,015
112.	16-19 (OR)	508,999
<b>Limits: language, publication type</b>		
113.	([danish]/lim OR [english]/lim OR [norwegian]/lim OR [swedish]/lim)	
114.	([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR [editorial]/lim OR [short survey]/lim)	
<b>Final result</b>		
115.	<b>4 AND 8 AND 12 AND 15 AND 20 AND 21</b>	<b>198</b>
116.	<b>(4 AND 8 AND 12 AND 15 AND 21) NOT 22</b>	<b>6,527</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**/de** = Term from the EMTREE controlled vocabulary; **/exp** = Includes terms found below this term in the EMTREE hierarchy  
**/mj** = Major Topic; **:ab** = Abstract; **:au** = Author; **:ti** = Article Title; **:ti,ab** = Title or abstract; **\*** = Truncation; **' '** = Citation Marks; searches for an exact phrase; **NEAR/n** = Requests terms that are within 'n' words of each other in either direction; **NEXT/n** = Requests terms that are within 'n' words of each other in the order specified

## Epistemonikos via Epistemonikos March 4<sup>th</sup>, 2021

### Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod

Search terms	Items found
<b>Population: Cervical cancer</b>	
117. (title:( "cervical cancer" OR "cervical neoplas*" OR "cervical carcinom*" OR "cervical adenocarcinom*" OR "cervical dysplas*" OR "cervical intraepithelial" OR "cervix cancer" OR "cervix neoplas*" OR "cervix carcinom*" OR "cervix adenocarcinom*" OR "cervix dysplas*" OR "cervix intraepithelial" OR "HPV-infection*" OR hrHPV* OR "hr-HPV*" OR "papillomavirus-infect*") OR abstract:( "cervical cancer" OR "cervical neoplas*" OR "cervical carcinom*" OR "cervical adenocarcinom*" OR "cervical dysplas*" OR "cervical intraepithelial" OR "cervix cancer" OR "cervix neoplas*" OR "cervix carcinom*" OR "cervix adenocarcinom*" OR "cervix dysplas*" OR "cervix intraepithelial" OR "HPV-infection*" OR hrHPV* OR "hr-HPV*" OR "papillomavirus-infect*"))	3,770

<b>Index test: HPV-analysis</b>		
118.	(title:(("HPV analys*" or "HPV DNA-analys*" or "HPV-test*" or "papillomavirus-analys*" or "papillomavirus DNA-analys*" or "papillomavirus-test" or PCR or "polymerase chain reaction" or virology))	13,082
<b>Reference test: Cytology</b>		
119.	(title:(cytodiagn* or cytolog* or papanicolau or papanicolaou or "pap test*" or "pap smear" or "pap swab" or "pap scrap"))	3,924
<b>Final result</b>		
120.	<b>1 AND 2 AND 3</b>	<b>75</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for an exact phrase; **LIMIT-TO (SRCTYPE, "j"** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar"** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re"** = Limit to document type review

## International HTA Database via INAHTA March 4<sup>th</sup>, 2021

**Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod**

Search terms	Items found
<b>Population: Cervical cancer</b>	
121. ("cervical cancer" OR "cervical neoplas*" OR "cervical carcinom*" OR "cervical adenocarcinom*" OR "cervical dysplas*" OR "cervical intraepithelial" OR "cervix cancer" OR "cervix neoplas*" OR "cervix carcinom*" OR "cervix adenocarcinom*" OR "cervix dysplas*" OR "cervix intraepithelial" OR "HPV-infection*" OR hrHPV* OR "hr-HPV*" OR "papillomavirus-infect*") AND ("HPV analys*" or "HPV DNA-analys*" or "HPV-test*" or "papillomavirus-analys*" or "papillomavirus DNA-analys*" or "papillomavirus-test" or PCR or "polymerase chain reaction" or virology) AND (cytodiagn* or cytolog* or papanicolau or papanicolaou or "pap test*" or "pap smear" or "pap swab" or "pap scrap")	<b>3</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **AF** = Author affiliation; **All** = Performs a keyword search in most of the database's searchable fields, except full text; **AU** = Author; **MAINSUBJECT** = Term from the thesaurus; **TI** = Title; \* = Truncation; " " = Citation Marks; searches for an exact phrase; ? = Wildcard, used to replace any single character either inside or at the right end of a word

## KSR Evidence via Kleijnen Systematic Reviews March 4<sup>th</sup>, 2021

**Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod**

Search terms	Items found
<b>Population: Cervical cancer</b>	
122. "cervical cancer" or "cervical neoplas*" or "cervical carcinom*" or "cervical adenocarcinom*" or "cervical dysplas*" or "cervical intraepithelial" or "cervix cancer" or "cervix neoplas*" or "cervix carcinom*" or "cervix adenocarcinom*" or "cervix dysplas*" or "cervix intraepithelial" OR "HPV-infection*" or hrHPV* or "hr-HPV*" or "papillomavirus-infect*" in All text	<b>904</b>

<b>Index test: HPV-analysis</b>		
123.	"HPV analys*" or "HPV DNA-analys*" or "HPV-test*" or "papillomavirus-analys*" or "papillomavirus DNA-analys*" or "papillomavirus-test" or PCR or "polymerase chain reaction" or virology in All text	1391
<b>Reference test: Cytology</b>		
124.	cytodiagn* or cytolog* or papanicolau or papanicolaou or "pap test*" or "pap smear" or "pap swab" or "pap scrap" in All text	535
<b>Final result</b>		
125.	<b>1 AND 2 AND 3</b>	<b>38</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; [MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy; [MAJR] = MeSH Major Topic; [TIAB] = Title or abstract; [TI] = Title; [AU] = Author; [OT] = Other term; [TW] = Text word; **Systematic[SB]** = Filter for retrieving systematic reviews; \* = Truncation

## Medline via OvidSP February 26<sup>th</sup>, 2021

### Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod

Search terms	Items found
<b>Population: Cervical cancer</b>	
126. Uterine Cervical Neoplasms/	76294
127. Cervical Intraepithelial Neoplasia/	15961
128. Papillomavirus Infections/	26985
129. exp Uterine Cervical Dysplasia/	4505
130. papillomaviridae/ or exp alphapapillomavirus/	32528
131. ((cervix* or cervix*) adj3 (canc* or precanc* or neoplas* or adenocarcinom* or carcinom* or dysplas*)).ab,kf,ti.	85186
132. (HPV* or hrHPV* or hr-HPV* or papillomavir* or CIN*).ab,kf,ti.	184499
133. 1-7 (OR)	266541
<b>Index test: HPV-analysis</b>	
134. Human Papillomavirus DNA Tests/	533
135. Uterine Cervical Dysplasia/vi [Virology]	523
136. Cervical Intraepithelial Neoplasia/vi [Virology]	3918
137. Papillomavirus Infections/vi [Virology]	9661
138. exp Polymerase Chain Reaction/	453117
139. ((HPV* or papilloma*) adj3 (analy* or DNA or test* or smear* or assay*)).ab,kf,ti.	17254
140. (PCR or "polymerase chain reaction" or virology).ab,kf,ti.	675233
141. 9-15 (OR)	885288
<b>Reference test: Cytology</b>	
142. exp Cytological Techniques/	1508654
143. Papillomaviridae/cy [Cytology]	4
144. Papanicolaou Test/	6747
145. (cytodiagn* or cytolog* or papanicolau or papanicolaou or (pap adj1 (test* or smear* or swab* or scrap*))).ab,kf,ti.	110896
146. 17-20 (OR)	1565948

<b>Study types: diagnostic studies</b>		
147.	exp "Sensitivity and Specificity"/	599851
148.	(accuracy or diagnostic or diagnosis or detect* or predict* or probabil* or performance or sensitiv* or specific* or PPV or NPV or ROC or AUROC).ab,kf,ti.	9198777
149.	22-23 (OR)	9311384
<b>Study types: systematic reviews, meta analysis</b>		
150.	(systematic reviews pre 2019 or systematic reviews)	
<b>Limits: language</b>		
151.	(danish or english or norwegian or swedish)	
<b>Final result</b>		
152.	<b>8 AND 16 AND 21 AND 24 AND 25 AND 26</b>	<b>199</b>
153.	<b>8 AND 16 AND 21 AND 24 AND 26</b>	<b>8381</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **Exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **\* or \$** = Truncation (if found at the end of a free text term); **.mp** = Text, heading word, subject area node, title; **“ ”** = Citation Marks; searches for an exact phrase; **ADIn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other.

## NICE Evidence Search via National Institute for Health and Care Excellence March 4<sup>th</sup>, 2021 Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod

Search terms	Items found
<b>Population: Cervical cancer</b>	
154. ("cervical cancer" OR "cervical neoplas*" OR "cervical carcinom*" OR "cervical adenocarcinom*" OR "cervical dysplas*" OR "cervical intraepithelial" OR "cervix cancer" OR "cervix neoplas*" OR "cervix carcinom*" OR "cervix adenocarcinom*" OR "cervix dysplas*" OR "cervix intraepithelial" OR "HPV infection*" OR hrHPV* OR "hr HPV*" or "papillomavirus infect*") AND ("HPV analys*" or "HPV DNA analys*" or "HPV test*" or "papillomavirus analys*" or "DNA analys*" or "papillomavirus test" or PCR)	<b>70</b>
Evidence type: Systematic Reviews, Health Technology Assessments	

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**AB** = Abstract; **AF** = Author affiliation; **All** = Performs a keyword search in most of the database's searchable fields, except full text; **AU** = Author; **MAINSUBJECT** = Term from the thesaurus; **TI** = Title; **\*** = Truncation; **“ ”** = Citation Marks; searches for an exact phrase; **?** = Wildcard, used to replace any single character either inside or at the right end of a word

Prospero via Centre for Reviews and Dissemination March 4<sup>th</sup>, 2021

Title: Screening livmoderhalscancer - Primär HPV-analys som screeningmetod

Search terms	Items found
<b>Population: Cervical cancer</b>	
155. (cervical or cervix) AND ("HPV analys*" or "HPV DNA-analys*" or "HPV-test*" or "papillomavirus-analys*" or "papillomavirus DNA-analys*" or "papillomavirus-test")	57

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **AF** = Author affiliation; **All** = Performs a keyword search in most of the database's searchable fields, except full text; **AU** = Author; **MAINSUBJECT** = Term from the thesaurus; **TI** = Title; \* = Truncation; “ ” = Citation Marks; searches for an exact phrase; ? = Wildcard, used to replace any single character either inside or at the right end of a word