

Vetenskapliga publikationer baserade på kvalitetsregistret eller experters kunskaper i NKCx

Publikationer år 2022 (tills Maj)

- The WID-BC-index identifies women with primary poor prognostic breast cancer based on DNA methylation in cervical samples
Barrett, J.E., Herzog, C., Jones, A., Leavy, O.C., Evans, I., Knapp, S., Reisel, D., Nazarenko, T., Kim, Y.-N., Franchi, D., Ryan, A., Franks, J., Bjørge, L., Zikan, M., Cibula, D., Harbeck, N., Colombo, N., Dudbridge, F., Jones, L., Sundström, K., Dillner, J., Rådestad, A.F., Gemzell-Danielsson, K., Pashayan, N., Widschwendter, M., 2022.
- Effectiveness and costs of an implemented primary HPV cervical screening programme in Sweden – A population based cohort study
Bergengren, L., Ryen, L., Flodström, C., Fadl, H., Udumylen, R., Karlsson, M.G., Helenius, G., 2022
- Co-testing in cervical screening among 40- to 42-year-old women is unreasonable
Christer Borgfeldt, Anneli Leksell, Ola Forslund, 05 January 2022.
- Pregnancy Outcomes in Women With a Prior Cervical Intraepithelial Neoplasia Grade 3 Diagnosis. *Ann Intern Med* 175, 210–218.
He, W., Sparén, P., Fang, F., Sengpiel, V., Strander, B., Czene, K., 2022
- Human Papillomavirus Infection Determines Prognosis in Cervical Cancer. *J Clin Oncol* JCO2101930.
Lei, J., Arroyo-Müher, L.S., Lagheden, C., Eklund, C., Nordqvist Kleppe, S., Elfström, M., Andrae, B., Sparén, P., Dillner, J., Sundström, K., 2022.
- Human Papillomavirus (HPV) seroprevalence, cervical HPV prevalence, genotype distribution and cytological lesions in solid organ transplant recipients and immunocompetent women in Sao Paulo, Brazil.
Miyaji, K.T., Infante, V., Picone, C. de M., Levi, J.E., Oliveira, A.C.S. de, Lara, A.N., Tacla, M., Dillner, J., Kann, H., Eklund, C., Castanheira, C.P., Mayaud, P., Sartori, A.M.C., Study group on HPV vaccine in immunosuppressed persons, 2022.
- Head-to-head comparison of bi- and nonavalent human papillomavirus vaccine-induced antibody responses. *J Infect Dis* jiac190.
Müher, L.S.A., Eklund, C., Lagheden, C., Eriksson, T., Pimenoff, V.N., Gray, P., Lehtinen, M., Dillner, J., 2022.
- Feasibility of sending a direct send HPV self-sampling kit to long-term non-attenders in an organized cervical screening program
Sahlgren, H., Sparén, P., Elfgrén, K., Elfström, K.M., 2022
- Associations between cervical intraepithelial neoplasia during pregnancy, previous excisional treatment, cone-length and preterm delivery: a register-based study from western Sweden

Johanna Wiik, Cecilia Kärrberg, Staffan Nilsson, Björn Strander, Bo Jacobsson & Verena Sengpiel, BMC Medicine volume 20, Article number: 61 (2022)

Publikationer år 2021:

- A dose-reduction HPV vaccine immunobridging trial of two HPV vaccines among adolescent girls in Tanzania (the DoRIS trial) - Study protocol for a randomised controlled trial. *Contemp Clin Trials* 101, 106266.
Baisley, K.J., Whitworth, H.S., Chagalucha, J., Pinto, L., Dillner J., Kapiga, S., de Sanjosé, S., Mayaud, P., Hayes, R.J., Lacey, C.J., Watson-Jones, D., 2021.
- Age, margin status, high-risk human papillomavirus and cytology independently predict recurrent high-grade cervical intraepithelial neoplasia up to 6 years after treatment. *Oncol Lett* 22, 684.
Andersson, S., Megyessi, D., Belkić, K., Alder, S., Östensson, E., Mints, M., 2021
- Associations of treated and untreated human papillomavirus infection with preterm delivery and neonatal mortality: A Swedish population-based study. *PLoS Med* 18, e1003641.
Wiik, J., Nilsson, S., Kärrberg, C., Strander, B., Jacobsson, B., Sengpiel, V., 2021.
- Audit of laboratory sensitivity of human papillomavirus and cytology testing in a cervical screening program
Maria Hortlund, Laila Sara Arroyo Mühr, Camilla Lagheden, Anders Hjerpe, Joakim Dillner
- Colposcopic assessment by Swedescore, evaluation of effectiveness in the Swedish screening programme: a cross-sectional study
Emilia Alfonso, Erik Holmberg, Ian Milsom, Björn Strander, 11 December 2021
- Cervical screening in high-income countries: the need for quality assurance, adjunct biomarkers and rational adaptation to HPV vaccination. *Prev Med* 144, 106382.
Sundström K., Herweijer E., Wang J., 2021.
- Comparison of cytology and human papillomavirus-based primary testing in cervical screening programs in the Nordic countries. *J Med Screen* 969141321992404
Partanen V.-M., Dillner J., Tropé A., Ágústsson Á.I., Pankakoski M., Heinävaara S., Sarkeala T., Wang J., Skare G.B., Anttila A., Lönnberg S., 2021.
- Determinants of Human Papillomavirus Vaccine Uptake by Adult Women Attending Cervical Cancer Screening in 9 European Countries. *Am J Prev Med* 60, 478–487.
Robles C., Bruni L., Acera A, Riera J.C., Prats L, Poljak M, Mlakar J, Oštrbenk Valenčak A, Eriksson T., Lehtinen M., Louvanto K., Hortlund M., Dillner J., Faber M.T., Munk C, Kjaer S.K., Petry K.U., Denecke A., Xu L., Arbyn M., Cadman L., Cuzick, J., Dalstein V., Clavel C., de Sanjosé S., Bosch F.X., 2021.

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Vänskä S, Luostarinen T, Lagheden C, Eklund C, Kleppe S, Andrae B, Sparén P, Sundström K, Lehtinen M, Dillner J
- Distribution of HPV Genotypes Differs Depending on Behavioural Factors among Young Women. *Microorganisms* 9.
Bergqvist L, Kalliala I, Aro K, Auvinen E, Jakobsson M, Kiviharju M, Virtanen S, Dillner J., Nieminen P, Louvanto ., 2021.
- Equal prevalence of severe cervical dysplasia by HPV self-sampling and by midwife-collected samples for primary HPV screening: a randomised controlled trial. *Eur J Cancer Prev* 30, 334–340.
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- Exposure definition in case-control studies of cervical cancer screening: a systematic literature review. *Cancer Epidemiol Biomarkers Prev* cebp.0376.2021.
Castanon, A., Kamineneni, A., Elfstrøm, K.M., Lim, A.W., Sasieni, P., 2021
- International Cancer Screening Network ICSN, 2021. Interruption of cancer screening services due to COVID-19 pandemic: lessons from previous disasters. *Prev Med Rep* 101399.
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- HPV73 in cervical cancer and distribution of HPV73 variants in cervical dysplasia. *Int J Cancer*.
Borgfeldt C., Söderlund-Strand A., Flygh L.D., Forslund O., 2021.
- Human Papillomavirus Detection by Whole-Genome Next-Generation Sequencing: Importance of Validation and Quality Assurance Procedures. *Viruses* 13, 1323.
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- Human papillomavirus seroprevalence in pregnant women following gender-neutral and girls-only vaccination programs in Finland: A cross-sectional cohort analysis following a cluster randomized trial. *PLOS Med* 18, e1003588.
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- Nationwide Rereview of Normal Cervical Cytologies before High-Grade Cervical Lesions or before invasive Cervical Cancer. *Acta Cytologica* 2021;65:377–384
Edvardsson H., Wang J., Andrae B., Sparén P., Strander B., Dillner J., 2021 (online ahead of print).
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- Organized primary human papillomavirus–based cervical screening: A randomized healthcare policy trial.
Elfström M., Eklund C., Lamin H., Öhman D., Hortlund M., Elfgrén K., Sundström K., Dillner J. Published: August 23, 2021.
- Promotion of Cervical Screening among Long-term Non-attendees by Human Papillomavirus Self-sampling. *J Cancer Prev* 26, 25–31.
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- Prospects for accelerated elimination of cervical cancer
Dillner, J., Elfström, K.M., Baussano, I., 2021
- Real-world impact and effectiveness assessment of the quadrivalent HPV vaccine: a systematic review of study designs and data sources
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- The value of adding a single co-test in HPV primary screening
Jans, L., Zetterström, K., Bergengren, L., Helenius, G., 2021
- The 2019 HPV Labnet international proficiency study: Need of global Human Papillomavirus Proficiency Testing. *J Clin Virol* 141, 104902.
Eklund C., Mühr L.S.A., Lagheden C., Forslund O., Dahlin Robertsson K.D., Dillner J., 2021.
- Validation of the cobas 6800 human papillomavirus test in primary cervical screening
Sundström K., Lamin H., Dillner J., 2021.

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Sundström, K., Elfström, K.M., January 28, 2020. PLoS Med 17, e1003035.
- Baseline findings and safety of infrequent vs. frequent screening of human papillomavirus vaccinated women. Int. J. Cancer 147, 440–447.
Louvanto K, Eriksson, T., Gray P., Apter, D., Baussano, I., Bly, A., Harjula, K., Heikkilä, K., Hokkanen, M., Huhtinen, L., Ikonen, M., Karttunen, H., Nummela, M., Söderlund-Strand, A., Veivo, U., Dillner J., Elfstöm, M., Nieminen, P., Lehtinen M, 2020b.
- Colposcopic and histopathologic evaluation of women with HPV persistence exiting an organized screening program. American Journal of Obstetrics and Gynecology 222, 253.e1-253.e8.
Sahlgren, H., Elfström, K.M., Lamin, H., Carlsten-Thor, A., Eklund C, Dillner J., Elfgrén, K., 2020.
- Deep sequencing detects human papillomavirus (HPV) in cervical cancers negative for HPV by PCR.
Arroyo Mühr LS, Lagheden C, Lei J, Eklund C, Nordqvist Kleppe S, Sparén P, Sundström K, Dillner J Br J Cancer 2020 12;123(12):1790-1795
- Final analysis of a 14-year long-term follow-up study of the effectiveness and immunogenicity of the quadrivalent human papillomavirus vaccine in women from four nordic countries. EClinicalMedicine 23, 100401.
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- HPV Vaccination and the Risk of Invasive Cervical Cancer. N Engl J Med 383, 1340–1348.
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- Human papillomavirus genotype-specific risks for cervical intraepithelial lesions. Hum Vaccin Immunother 1–10.
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- Human papillomavirus types in cervical dysplasia among young HPV-vaccinated women: Population-based nested case–control study. *International Journal of Cancer* 2020.
Kann H., Hortlund M, Eklund C, Dillner J., Faust, H., 2020
- Impact of HPV vaccination on cervical screening performance: a population-based cohort study. *Br J Cancer* 1–6.
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- Incomplete excision of cervical intraepithelial neoplasia as a predictor of the risk of recurrent disease—a 16-year follow-up study. *American Journal of Obstetrics and Gynecology* 222, 172.e1-172.e12.
Alder, S., Megyessi, D., Sundström, K., Östensson, E., Mints, M., Belkić, K., Arbyn M., Andersson, S., 2020.
- Increase of cervical cancer incidence in Sweden in relation to screening history: population cohort study. *Acta Oncologica* 59, 988–993.
Wang, J., Andrae, B., Strander, B., Sparén P., Dillner J., 2020.
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- Long-term effectiveness of the nine-valent human papillomavirus vaccine in Scandinavian women: interim analysis after 8 years of follow-up. *Hum Vaccin Immunother* 1–7.
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Publikationer år 2019:

- Abnormal cervical cytology is associated with preterm delivery: a population based study. *Acta Obstet Gynecol Scand.*
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Aro, K., Nieminen, P., Louvanto K, Jakobsson, M., Virtanen, S., Lehtinen M, Dillner J., Kalliala, I., 2019.
- Baseline findings and safety of infrequent vs. frequent screening of human papillomavirus vaccinated women
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- Human papillomavirus types in cervical high-grade lesions or cancer among Nordic women- Potential for prevention. *Cancer Med*, First published: 11 January 2019
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- Occurrence of human papillomavirus (HPV) type replacement by sexual risk-taking behaviour group: Post-hoc analysis of a community randomized clinical trial up to nine years after vaccination (IV). *Int. J. Cancer.* *Gray P., Luostarinen, T., Vänskä, S., Eriksson, T., Lagheden, C., Man, I., Palmroth, J., Pimenoff, V.N., Söderlund-Strand, A., Dillner J., Lehtinen M, 2019.*
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