

## Vetenskapliga publikationer baserade på kvalitetsregistret eller experters kunskaper i NKCx under året 2022

- Active expectancy as alternative to treatment for cervical intraepithelial neoplasia grade 2 in women aged 25 – 30 years: ExCIN2, a prospective clinical multicenter cohort study. *American Journal of Obstetrics and Gynecology*.  
*Kylebäck, K., Ekeryd-andalen, A., Greppe, C., Björkenfeldt havel, C., Zhang, C., Strander, B., 2022.*
- Association of Chlamydia trachomatis infection with cervical atypia in adolescent women with short-term or long-term use of oral contraceptives: a longitudinal study in HPV vaccinated women. *BMJ Open* 12, e056824.  
*Adhikari, I., Eriksson, T., Harjula, K., Hokkanen, M., Apter, D., Nieminen, P., Luostarinen, T., Lehtinen, 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)*
- A Simple Cervicovaginal Epigenetic Test for Screening  
*Herzog, C., Marín, F., Jones, A., Evans, I., Reisel, D., Redl, E., Schreiberhuber, L., Paytubi, S., Pelegrina, B., Carmona, Á., Peremiquel-Trillas, P., Frias-Gomez, J., Pineda, M., Brunet, J., Ponce, J., Matias-Guiu, X., de Sanjosé, S., Alemany, L., Olaitan, A., Wong, M., Jurkovic, D., Crosbie, E.J., Rosenthal, A.N., Bjørge, L., Zikan, M., Dostalek, L., Cibula, D., Sundström, K., Dillner, J., Costas, L., Widschwendter, M., 2022a.*
- Atypical glandular cells and development of cervical cancer: Population-based cohort study. *Int J Cancer* 151, 2012–2019.  
*Norman, I., Yilmaz, E., Hjerpe, A., Hortlund, M., Elfström, K.M., Dillner, J., 2022.*
- Colposcopic assessment by Swedescore, evaluation of effectiveness in the Swedish screening programme: a cross-sectional study. *BJOG: An International Journal of Obstetrics & Gynaecology* 129, 1261–1267.  
*Alfonzo, E., Holmberg, E., Milsom, I., Strander, B., 2022.*
- Co-testing in cervical screening among 40- to 42-year-old women is unreasonable  
*Christer Borgfeldt, Anneli Leksell, Ola Forslund, 05 January 2022.*
- DNA methylation-based detection and prediction of cervical intraepithelial neoplasia grade 3 and invasive cervical cancer with the WID™-qCIN test. *Clin Epigenetics* 14, 150.

*Herzog, C., Sundström, K., Jones, A., Evans, I., Barrett, J.E., Wang, J., Redl, E., Schreiberhuber, L., Costas, L., Paytubi, S., Dostalek, L., Zikan, M., Cibula, D., Sroczynski, G., Siebert, U., Dillner, J., Widschwendter, M., 2022b.*

- 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*
- 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*
- Head-to-head comparison of bi- and nonavalent human papillomavirus vaccine-induced antibody responses. *J Infect Dis* 324:190.  
*Mühr, L.S.A., Eklund, C., Lagheden, C., Eriksson, T., Pimenoff, V.N., Gray, P., Lehtinen, M., Dillner, J., 2022.*
- Human Papillomavirus Infection Determines Prognosis in Cervical Cancer. *J Clin Oncol* 40:1930.  
*Lei, J., Arroyo-Mühr, L.S., Lagheden, C., Eklund, C., Nordqvist Kleppe, S., Elfström, M., Andrae, B., Sparén, P., Dillner, J., Sundström, K., 2022.*
- Human papillomavirus self-sampling with mRNA testing benefits routine screening. *Int J Cancer* 127:1989–1996.  
*Auvinen, E., Nieminen, P., Pellinen, J., Dillner, J., Tarkkanen, J., Virtanen, A., 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.*
- Immunogenicity and safety of one-dose human papillomavirus vaccine compared with two or three doses in Tanzanian girls (DoRIS): an open-label, randomised, non-inferiority trial. *Lancet Glob Health* 10, e1473–e1484. Watson-Jones, D., Chagalucha, J., Whitworth, H., Pinto, L., Mutani, P., Indangasi, J., Kemp, T., Hashim, R., Kamala, B., Wiggins, R., Songoro, T., Connor, N., Mbwani, G., Pavon, M.A., Lowe, B., Mmbando, D., Kapiga, S., Mayaud, P., de SanJosé, S., Dillner, J., Hayes, R.J., Lacey, C.J., Baisley, K., 2022.
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- In 30 years, gender-neutral vaccination eradicates oncogenic human papillomavirus (HPV) types while screening eliminates HPV-associated cancers. *Expert Rev Vaccines* 21, 735–738.  
*Lehtinen, M., Gray, P., Louvanto, K., Vänskä, S., 2022.*
- Overtreatment rate after immediate local excision of suspected cervical intraepithelial neoplasia: A prospective cohort study. *Gynecol Oncol* S0090-8258(22)01836–4.  
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- 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*
- Role of human papillomavirus (HPV) vaccination on HPV infection and recurrence of HPV related disease after local surgical treatment: systematic review and meta-analysis. *BMJ* 378, e070135.  
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- The WID-BC-index identifies women with primary poor prognostic breast cancer based on DNA methylation in cervical samples  
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- Time Trends for Incidence and Net Survival of Cervical Cancer in Sweden 1960-2014-A Nationwide Population-Based Study. *Cancer Epidemiol Biomarkers Prev* 31, 1572–1581.  
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