

Centre for Women's Infectious Diseases

Research publications 2020

1. Batmunkh T, Dalmau MT, Munkhsaikhan ME, Khorolsuren T, Namjil N, Surenjav U, et al. A single dose of quadrivalent human papillomavirus (HPV) vaccine is immunogenic and reduces HPV detection rates in young women in Mongolia, six years after vaccination. *Vaccine*. 2020;38(27):4316-24.
2. Cheong JLY, Haikerwal A, Wark JD, Irving L, Garland SM, Patton GC, et al. Cardiovascular Health Profile at Age 25 Years in Adults Born Extremely Preterm or Extremely Low Birthweight. *Hypertension*. 2020;76(6):1838-46.
3. Cornall AM, Brotherton JML, Callegari ET, Tan FH, Saville M, Pyman J, et al. Assessment of attribution algorithms for resolving CIN3-related HPV genotype prevalence in mixed-genotype biopsy specimens using laser capture microdissection as the reference standard. *Vaccine*. 2020;38(40):6312-9.
4. Cornall AM, Saville M, Pyman J, Callegari ET, Tan FH, Brotherton JML, et al. HPV16/18 prevalence in high-grade cervical lesions in an Australian population offered catch-up HPV vaccination. *Vaccine*. 2020;38(40):6304-11.
5. Cvejic E, Poynten IM, Kelly PJ, Jin F, Howard K, Grulich AE, et al. Psychological and utility-based quality of life impact of screening test results for anal precancerous lesions in gay and bisexual men: baseline findings from the Study of the Prevention of Anal Cancer. *Sex Transm Infect*. 2020;96(3):177-83.
6. Durukan D, Doyle M, Murray G, Bodiya badu K, Vodstrcil L, Chow EPF, et al. Doxycycline and Sitafloracin Combination Therapy for Treating Highly Resistant *Mycoplasma genitalium*. *Emerg Infect Dis*. 2020;26(8):1870-4.



7. Durukan D, Read TRH, Murray G, Doyle M, Chow EPF, Vodstrcil LA, et al. Resistance-Guided Antimicrobial Therapy Using Doxycycline-Moxifloxacin and Doxycycline-2.5 g Azithromycin for the Treatment of *Mycoplasma genitalium* Infection: Efficacy and Tolerability. *Clin Infect Dis*. 2020;71(6):1461-8.
8. Farnsworth A, Roberts JM, Garland SM, Crescini J, Kaldor JM, Machalek DA. Detection of high-grade cervical disease among women referred directly to colposcopy after a positive HPV screening test varies with age and cytology findings. *Int J Cancer*. 2020;147(11):3068-74.
9. Ferris DG, Brown DR, Giuliano AR, Myers E, Joura EA, Garland SM, et al. Prevalence, incidence, and natural history of HPV infection in adult women ages 24 to 45 participating in a vaccine trial. *Papillomavirus Res*. 2020;10:100202.
10. Garland S. A significant measure of HPV vaccine effectiveness in a high-risk population in Korea prior to a National Immunization Program. *J Gynecol Oncol*. 2020;31(1):e32.
11. Garland SM, Stanley MA, Giuliano AR, Moscicki AB, Kaufmann A, Bhatla N, et al. IPVS statement on "Temporary HPV vaccine shortage: Implications globally to achieve equity". *Papillomavirus Res*. 2020;9:100195.
12. Garland SM, Steben M. Reply to Bourgeois et al., "Incompletely Reported Important Methodological Details and Inaccurate Description of the Formulation That the Control Arms Received in a Gardasil Vaccine Trial". *mSphere*. 2020;5(6).
13. Garland SM, Subasinghe AK, Ahmed N, Jayasinghe Y, Marceglia A. Long-term trends of Chlamydia trachomatis in a clinic population at the Royal Women's Hospital, Melbourne. *Aust N Z J Obstet Gynaecol*. 2020;60(1):149-53.
14. Goddard SL, Templeton DJ, Petoumenos K, Jin F, Hillman RJ, Law C, et al. Prevalence and Association of Perianal and Intra-Anal Warts with Composite High-Grade Squamous Intraepithelial Lesions Among Gay and Bisexual Men: Baseline Data from the Study of the Prevention of Anal Cancer. *AIDS Patient Care STDS*. 2020;34(10):436-43.
15. Haikerwal A, Doyle LW, Patton G, Wark JD, Garland SM, Burnett AC, et al. Using Facebook to Improve Participation Among 25-Year-Olds Enrolled in a Longitudinal Preterm Birth Cohort Study. *Acad Pediatr*. 2020;20(7):1029-36.
16. Khawar L, Machalek DA, Regan DG, Donovan B, McGregor S, Guy RJ. Defining Elimination of Genital Warts-A Modified Delphi Study. *Vaccines (Basel)*. 2020;8(2).
17. Latimer RL, Shilling HS, Vodstrcil LA, Machalek DA, Fairley CK, Chow EPF, et al. Prevalence of *Mycoplasma genitalium* by anatomical site in men who have sex with men: a systematic review and meta-analysis. *Sex Transm Infect*. 2020;96(8):563-70.
18. Lawton B, Heffernan M, Wurtak G, Steben M, Lhaki P, Cram F, et al. IPVS Policy Statement addressing the burden of HPV disease for Indigenous peoples. *Papillomavirus Res*. 2020;9:100191.
19. Machalek DA, Tao Y, Shilling H, Jensen JS, Unemo M, Murray G, et al. Prevalence of mutations associated with resistance to macrolides and fluoroquinolones in *Mycoplasma genitalium*: a systematic review and meta-analysis. *Lancet Infect Dis*. 2020;20(11):1302-14.
20. Moreno-Acosta P, Molano M, Morales N, Acosta J, GonzAlez-Prieto C, Mayorga D, et al. hTERT Protein Expression in Cytoplasm and Nucleus and its Association With HPV Infection in Patients With Cervical Cancer. *Cancer Genomics Proteomics*. 2020;17(5):615-25.
21. Murray GL, Bodiya K, Danielewski J, Garland SM, Machalek DA, Fairley CK, et al. Moxifloxacin and Sitafloxacin Treatment Failure in *Mycoplasma genitalium* Infection: Association with parC Mutation G248T (S83I) and Concurrent gyrA Mutations. *J Infect Dis*. 2020;221(6):1017-24.



22. Murray GL, Danielewski J, Bradshaw CS, Williamson DA, Birnie J, Su JP, et al. Performance of the ResistancePlus MG diagnostic test for *Mycoplasma genitalium* using samples collected with Hologic Aptima Specimen Collection kits. *J Med Microbiol.* 2020;69(2):244-8.
23. Park YA, Subasinghe AK, Ahmad BS, Gorelik A, Garland SM, Clifford V, et al. Associations Between Serum Sodium Concentration and Bone Health Measures in Individuals Who Use Antiepileptic Drugs: A Pilot Study. *J Clin Densitom.* 2020;23(3):364-72.
24. Plummer EL, Chebar Lozinsky A, Tobin JM, Uebergang JB, Axelrad C, Garland SM, et al. Postnatal probiotics and allergic disease in very preterm infants: Sub-study to the ProPrems randomized trial. *Allergy.* 2020;75(1):127-36.
25. Plummer EL, Murray GL, Bodiyabadu K, Su J, Garland SM, Bradshaw CS, et al. A custom amplicon sequencing approach to detect resistance associated mutations and sequence types in *Mycoplasma genitalium*. *J Microbiol Methods.* 2020;179:106089.
26. Plummer EL, Vodstrcil LA, Murray GL, Fairley CK, Danielewski JA, Garland SM, et al. *Gardnerella vaginalis* Clade Distribution Is Associated With Behavioral Practices and Nugent Score in Women Who Have Sex With Women. *J Infect Dis.* 2020;221(3):454-63.
27. Poynten IM, Jin F, Garland SM, Hillman RJ, Molano M, Roberts JM, et al. HIV, immune dysfunction and the natural history of anal high-risk human papillomavirus infection in gay and bisexual men. *J Infect Dis.* 2020.
28. Prilepskaya VN, Gomberg M, Kothari S, Yee K, Kulkarni A, Garland SM, et al. Estimating the Burden of Illness Related to Genital Warts in Russia: A Cross-Sectional Study. *J Health Econ Outcomes Res.* 2020;7(2):182-8.
29. Roberts JM, Poynten IM, Molano M, Machalek DA, Hillman RJ, Guzman P, et al. Human Papillomavirus Genotypes in Anal High-Grade Squamous Intraepithelial Lesion (HSIL): Anal Intraepithelial Neoplasia Grades 2 (AIN2) and 3 (AIN3) Are Different. *Cancer Epidemiol Biomarkers Prev.* 2020;29(10):2078-83.
30. Shilling H, Murray G, Brotherton JML, Hawkes D, Saville M, Sivertsen T, et al. Monitoring human papillomavirus prevalence among young Australian women undergoing routine chlamydia screening. *Vaccine.* 2020;38(5):1186-93.
31. Subasinghe AK, Wark JD, Phillips S, Cornall A, Brotherton JML, Garland SM. Quadrivalent human papillomavirus vaccination successfully reduces the prevalence of vaccine-targeted genotypes in a young, vaccine-eligible-age sample of Australian females. *Sex Health.* 2020;17(6):510-6

