

Gynaecology Research Centre

Research publications 2019

1. Berkey CS, Tamimi RM, Willett WC, Rosner B, Hickey M, Toriola AT, et al. Dietary intake from birth through adolescence in relation to risk of benign breast disease in young women. *Breast Cancer Res Treat.* 2019;177(2):513-25.
2. Bofill Rodriguez M, Lethaby A, Grigore M, Brown J, Hickey M, Farquhar C. Endometrial resection and ablation techniques for heavy menstrual bleeding. *Cochrane Database Syst Rev.* 2019;1:CD001501.
3. Borschmann R, Marino J. Sexual identity and mental health in young people: an opportunity to reduce health inequity. *Lancet Child Adolesc Health.* 2019;3(2):57-9.
4. Brennan A, Hickey M. Botulinum toxin in women's health: An update. *Maturitas.* 2019;119:21-4.
5. Dior UP, Nisbet D, Fung JN, Foster G, Healey M, Montgomery GW, et al. The Association of Sonographic Evidence of Adenomyosis with Severe Endometriosis and Gene Expression in Eutopic Endometrium. *Journal of minimally invasive gynecology.* 2019;26(5):941-8.
6. Donoghue JF, Paiva P, Teh WT, Cann LM, Nowell C, Rees H, et al. Endometrial uNK cell counts do not predict successful implantation in an IVF population. *Hum Reprod.* 2019;34(12):2456-66.
7. Griffiths M, Van Sinderen M, Rainczuk K, Dimitriadis E. miR-29c overexpression and COL4A1 downregulation in infertile human endometrium reduces endometrial epithelial cell adhesive capacity in vitro implying roles in receptivity. *Sci Rep.* 2019;9(1):8644.
8. Hammarberg K, Holton S, Michelmore J, Fisher J, Hickey M. Thriving in older age: A national survey of women in Australia. *Maturitas.* 2019;122:60-5.
9. Hickey M, Marino J. To the Editor. *Menopause.* 2019;26(2):226.
10. Hickey M, Richards AM. Vaginal laser treatment-first, do no harm. *Menopause.* 2019;26(8):814-5.
11. Holdsworth-Carson SJ, Colgrave EM, Donoghue JF, Fung JN, Churchill ML, Mortlock S, et al. Generation of immortalized human endometrial stromal cell lines with different endometriosis risk genotypes. *Mol Hum Reprod.* 2019;25(4):194-205.
12. How JA, Marino JL, Grover SR, Helouy Y, Sullivan M, Mellor A, et al. Surgically Managed Ovarian Masses at the Royal Children's Hospital, Melbourne -19 Year Experience. *J Pediatr Surg.* 2019;54(9):1913-20.



13. Jayasuriya S, Peate M, Allingham C, Li N, Gillam L, Zacharin M, et al. Satisfaction, disappointment and regret surrounding fertility preservation decisions in the paediatric and adolescent cancer population. *J Assist Reprod Genet.* 2019;36(9):1805-22.
14. Lee SSY, Yazar S, Pasquale LR, Sanfilippo PG, Hewitt AW, Hickey M, et al. The Relationship Between Optic Disc Parameters and Female Reproductive Factors in Young Women. *Asia Pac J Ophthalmol (Phila).* 2019;8(3):224-8.
15. Lemmers M, Verschoor MA, Kim BV, Hickey M, Vazquez JC, Mol BWJ, et al. Medical treatment for early fetal death (less than 24 weeks). *Cochrane Database Syst Rev.* 2019;6:CD002253.
16. Logan S, Perz J, Ussher JM, Peate M, Anazodo A. Systematic review of fertility-related psychological distress in cancer patients: Informing on an improved model of care. *Psychooncology.* 2019;28(1):22-30.
17. Loke H, Rainczuk K, Dimitriadis E. MicroRNA Biogenesis Machinery Is Dysregulated in the Endometrium of Infertile Women Suggesting a Role in Receptivity and Infertility. *J Histochem Cytochem.* 2019;67(8):589-99.
18. Malekmohamadi N, Abdanipour A, Ghorbanlou M, Shokri S, Shirazi R, Dimitriadis E, et al. Differentiation of bone marrow derived mesenchymal stem cells into male germ-like cells in co-culture with testicular cells. *Endocr Regul.* 2019;53(2):93-9.
19. Marino JL, Sawyer SM. Monitoring the missing half: why reporting adolescent births is insufficient. *Med J Aust.* 2019;210(5):198-201 e1.
20. Mills L, Meiser B, Ahmad R, Schofield PR, Peate M, Levitan C, et al. A cluster randomized controlled trial of an online psychoeducational intervention for people with a family history of depression. *BMC Psychiatry.* 2019;19(1):29.
21. Mortlock S, Restuadi R, Levien R, Girling JE, Holdsworth-Carson SJ, Healey M, et al. Genetic regulation of methylation in human endometrium and blood and gene targets for reproductive diseases. *Clin Epigenetics.* 2019;11(1):49.
22. Nguyen QN, Zerafa N, Liew SH, Findlay JK, Hickey M, Hutt KJ. Cisplatin- and cyclophosphamide-induced primordial follicle depletion is caused by direct damage to oocytes. *Mol Hum Reprod.* 2019;25(8):433-44.
23. Robinson M, Doherty DA, Cannon J, Hickey M, Rosenthal SL, Marino JL, et al. Comparing adolescent and parent reports of externalizing problems: A longitudinal population-based study. *Br J Dev Psychol.* 2019;37(2):247-68.
24. Smyth LML, Day LR, Woodford K, Rogers PAW, Crosbie JC, Senthil S. Identifying optimal clinical scenarios for synchrotron microbeam radiation therapy: A treatment planning study. *Phys Med.* 2019;60:111-9.
25. Steele E, Bush D, Healey M, Rapsey CM, Peate M, Girling JE. Investigating the care needs of those with endometriosis: Are we listening to the patients? *Aust N Z J Obstet Gynaecol.* 2019;59(6):877-9.
26. Sutherland S, Meiser B, Kaur R, Mitchell G, Kirk J, Peate M, et al. Assessing the medical workforces perceived barriers to the prescription of risk-reducing medication for women at high-risk of breast cancer. *Breast J.* 2019;25(1):34-40.
27. Szabo RA, Marino JL, Hickey M. Managing menopausal symptoms after cancer. *Climacteric.* 2019;22(6):572-8.
28. Tarzia L, Wellington M, Marino J, Hegarty K. How do health practitioners in a large Australian public hospital identify and respond to reproductive abuse? A qualitative study. *Aust N Z J Public Health.* 2019;43(5):457-63.
29. Van Sinderen M, Griffiths M, Menkhorst E, Niven K, Dimitriadis E. Restoration of microRNA-29c in type I endometrioid cancer reduced endometrial cancer cell growth. *Oncol Lett.* 2019;18(3):2684-93.
30. Winship AL, Willson C, Hansen KR, Hutt KJ, Hickey M. Do BRCA1 and BRCA2 gene mutation carriers have a reduced ovarian reserve? Protocol for a prospective observational study. *BMJ Open.* 2019;9(11):e033810.
31. Yang Y, Swierczak A, Ibahim M, Paiva P, Cann L, Stevenson AW, et al. Synchrotron microbeam radiotherapy evokes a different early tumor immunomodulatory response to conventional radiotherapy in EMT6.5 mammary tumors. *Radiother Oncol.* 2019;133:93-9.

32. Brauner EV, Hansen AM, Doherty DA, Dickinson JE, Handelsman DJ, Hickey M, et al. The association between in-utero exposure to stressful life events during pregnancy and male reproductive function in a cohort of 20-year-old offspring: The Raine Study. *Hum Reprod.* 2019;34(7):1345-55.
33. Brauner EV, Hickey M, Hansen AM, Doherty DA, Handelsman DJ, Juul A, et al. In-utero Exposure to Maternal Stressful Life Events and Risk of Cryptorchidism: The Raine Study. *Front Endocrinol (Lausanne).* 2019;10:530.
34. Carcel C, Wainer Z, Henry A, Hickey M. Why should the obstetrics and gynaecology community care about sex and gender issues in health? *Aust N Z J Obstet Gynaecol.* 2019;59(2):181-2.
35. Dang C, Harrington KD, Lim YY, Ames D, Hassenstab J, Laws SM, et al. Superior Memory Reduces 8-year Risk of Mild Cognitive Impairment and Dementia But Not Amyloid beta-Associated Cognitive Decline in Older Adults. *Arch Clin Neuropsychol.* 2019;34(5):585-98.
36. Dang C, Yassi N, Harrington KD, Xia Y, Lim YY, Ames D, et al. Rates of age- and amyloid beta-associated cortical atrophy in older adults with superior memory performance. *Alzheimers Dement (Amst).* 2019;11:566-75.
37. Menkhorst EM, Van Sinderen M, Correia J, Dimitriadis E. Trophoblast function is altered by decidual factors in gestational-dependant manner. *Placenta.* 2019;80:8-11.
38. Nixon B, De Iuliis GN, Dun MD, Zhou W, Trigg NA, Eamens AL. Profiling of epididymal small non-protein-coding RNAs. *Andrology.* 2019;7(5):669-80.
39. Nixon B, De Iuliis GN, Hart HM, Zhou W, Mathe A, Bernstein IR, et al. Proteomic Profiling of Mouse Epididymosomes Reveals their Contributions to Post-testicular Sperm Maturation. *Mol Cell Proteomics.* 2019;18(Suppl 1):S91-S108.
40. SR S, Davies C, Marino J, Botfield J, Lewis L. Sexual health in adolescent girls. In: Ussher J, Chrisler J, Perz J, editors. Routledge International Handbook of Women's Sexual and Reproductive Health. Oxford and New York: Routledge; 2019.
41. Wu X, Akbarzadeh Khorshidi H, Aickelin U, Edib Z, Peate M. Imputation techniques on missing values in breast cancer treatment and fertility data. *Health Inf Sci Syst.* 2019;7(1):19.
42. Zhou W, Stanger SJ, Anderson AL, Bernstein IR, De Iuliis GN, McCluskey A, et al. Mechanisms of tethering and cargo transfer during epididymosome-sperm interactions. *BMC Biol.* 2019;17(1):35