



## **CURRICULUM VITAE:**

Scott McGill Nelson,  
Muirhead Professor of Obstetrics & Gynaecology,  
University of Glasgow  
February 2026

Mobile Phone: +965 95516818 / +44 7949996282  
Email: scott.nelson@glasgow.ac.uk

### **Current Posts**

August 2008 to present	Muirhead Professor of Obstetrics & Gynaecology at University of Glasgow / Honorary Consultant in Obstetrics & Gynaecology, Greater Glasgow and Clyde NHS Trust (funded by the Scottish Higher Education Funding Council)
January 2018 to present	Visiting Professor University of Bristol
2016 to present	Scientific Director to The Fertility Partnership
2019 to present	Medical Director to Access Fertility
2025 to present	Medical Director Oxford Medical, Kuwait

### **Clinical Responsibilities**

Medical Director of Glasgow Royal Infirmary IVF Unit undertaking 1200 IVF/ICSI/PGT stimulation cycles per annum, 400 gonadotropin stimulated ovulation induction and IUI cycles and 700 frozen embryo transfers per annum with national PGT-M, PGT-SR, PGT-A service provision for Scotland.

Scientific Director for TFP, multi-national European IVF company, with 11 IVF laboratories and clinics in three countries undertaking 15,000 IVF cycles per annum.

Consultant Obstetrics at Glasgow Royal Infirmary with 6320 deliveries per annum and tertiary level NICU.

### **Major Additional UK Roles**

2010 to present	Human Fertilisation and Embryology Authority Licence Holder for NHS Greater Glasgow & Clyde.
2017 to present	Trial Steering Committee chair for two NIHR HTA sponsored trials
2022 to present	Scientific Advisor to the Human Fertilisation and Embryology Authority

### **Major Additional International Roles**

2015 to present	Scientific Consultant to Ferring Pharmaceuticals (Global) and Ferring Pharmaceuticals Inc (USA)
2019 to present	Scientific Consultant to Roche Diagnostics (Global)
2018 to present	Medical Advisory Board of Modern Fertility

### **International markers of esteem**

Full list of invited lectures for last six years provided in Appendix. Specifically, in 2021, 2022, 2023 and 2024 invited plenary lectures at scientific congresses in Algeria, Australia, Austria, Belgium, Brazil, Denmark, Germany, Greece, India, Ireland, Italy, Jordan, Kenya, Malaysia, Mexico, Morocco, Netherlands, Norway, Oman, Poland, Saudi Arabia, Singapore, South Africa, Spain, Sweden, USA, UAE and UK. Chair of Advisory Boards for Ferring Pharmaceuticals.

### **Teaching experience**

**Director of Year 5 Medical School:** Responsible for the overall delivery of all teaching responsibilities and final clinical and written examinations for all 330 Glasgow University Medical School Graduates.

### **Undergraduate teaching**

Name of the course: Obstetrics and Gynecology (Professor and coordinator of clinical program and hospital rotations)

University degree: Degree in Medicine (MBChB)  
 Start date: 08/2008 to present  
 Institution: University of Glasgow

Name of the course: Women's and Children's Health  
 University degree: Intercalated Bachelor of Medical Science for Medical students  
 Start date: 08/2008 to present  
 Institution: University of Glasgow

**Postgraduate Teaching**

As licence holder for the HFEA I am responsible for the supervision of all trainees within the IVF unit at Glasgow Royal Infirmary – one of four IVF NHS units in Scotland. I have held this responsibility since 2008 and we are the only IVF unit in the West of Scotland Deanery with all 60 trainees exposed to assisted conception during their training.

I have supervised to completion 6 PhD Students and 2 MD Students between 2008 and 2024 (University of Glasgow)  
 3 PhD Students currently on program (University of Glasgow)

**Previous posts**

Feb 2005 - July 2008 Clinician Scientist, Department of Reproductive & Maternal Medicine, University of Glasgow / Honorary Specialist Registrar, Department of Obstetrics & Gynaecology, Glasgow Royal Infirmary University NHS Trust  
 Aug 2003 - Feb 2005 Specialist Registrar in Obstetrics & Gynaecology, West of Scotland Deanery  
 Aug 2002 - July 2003 SHO in Obstetrics & Gynaecology, West of Scotland Deanery  
 Aug 1999 - July 2002 Wellcome Trust Research Fellow, University of Dundee

**Qualifications**

Date	Degree	University/Institution
1994	BSc (2:1)	University of Glasgow
1997	MBChB (Commendation)	University of Glasgow
2003	PhD	University of Dundee
2005	MRCOG	Royal College of Obstetrics & Gynaecology

**List of current major grants**

Dates	PI/CoApp	Funder	Value £	Title
2019-2025	Co-App	HTA	1.3M	LOCI RCT
2022 - 2025	Co-App	Wellbeing of Women	257K	Maternal and societal determinants of perinatal health
2023 - 2026	Co-App	Daphne Jackson Trust	200K	Antenatal exposure to medication and child health outcomes.
2021-2024	Co-App	CSO	240K	Effect of socioeconomic factors on maternal and perinatal outcomes
2020-2025	PI	Commercial	10M	Glasgow Royal Fertility Clinic

**Scientific Output:** H Index 93  
 39128 citations  
 258 full publications

**Google Scholar Profile:** [https://scholar.google.co.uk/citations?user=X\\_cVXhoAAAAJ&hl](https://scholar.google.co.uk/citations?user=X_cVXhoAAAAJ&hl)

# Chronological List of Publications

Total: 258 publications

## 2026

1. Correction: Association between prenatal exposure to antihypertensive medication and neurodevelopmental and educational outcomes in children. Alkhalaf S, Singh S, Pell JP, **Nelson SM**, Mackay DF, Fleming M. *Sci Rep*. 2026 Feb 2;16(1):4525.
2. Cohort profile: The Bristol IVF Study – A longitudinal study of women, their partners and treatment outcomes following assisted reproductive technologies. Taylor AE, Kawahara T, Provis J, Al Rashid K, Fitzgibbon S, Groom A, Jefferys A, Wilson P, **Nelson SM**, Akande V, Lawlor DA. *PLoS One*. 2026 Jan 12;21(1):e0338907.

## 2025

3. Interpretation of the association between thyroid peroxidase antibodies and thyroid function during pregnancy: An individual participant data meta-analysis. Liu Y, Osinga JAJ, Feldt-Rasmussen U, Vrijkotte TGM, Taylor PN, Aminorroaya A, Ashoor G, Bliddal S, Chen LM, Vaidya B, Palomaki GE, Ghafoor F, López-Bermejo A, Pop VJM, Itoh S, Tao FB, Mosso L, Männistö T, Poppe KG, Pearce EN, Chatzi L, Walsh JP, Popova P, Benhalima K, **Nelson SM**, Kianpour M, Nicolaidis KH, Lu X, Hattersley AT, D'Alton ME, Pirzada A, Bassols J, Broeren MAC, Kishi R, Huang K, Vecchiola A, Boucai L, Vääräsmäki M, Suvanto E, Oken E, Vafeiadi M, Brown SJ, Kleynen P, Grineva EN, Mathieu C, Peeters RP, Derakhshan A, Korevaar TIM. *J Autoimmun*. 2025 Dec;157:103491.
4. Global trends in the uptake of specialist diagnostic ultrasound and MRI scans for endometriosis: An international cross-sectional survey. Avery JC, Fragkoudi A, Deslandes A, **Nelson SM**, Henry L, Bhardwaj A, Topcu EG, Tulandi T, Malhotra J, Feldberg D, Barnea E, Purandare N, Mocanu E, Leonardi M, Hull ML. *Int J Gynaecol Obstet*. 2025 Nov;172(1):11-24.
5. Association between prenatal exposure to antihypertensive medication and neurodevelopmental and educational outcomes in children. Alkhalaf S, Singh S, Pell JP, **Nelson SM**, Mackay DF, Fleming M. *Sci Rep*. 2025 Nov;15(1):38929.
6. Development of a Machine Learning Model for Predicting Treatment-Related Amenorrhea in Young Women with Breast Cancer. Song L, Edib Z, Aickelin U, Akbarzadeh Khorshidi H, Hamy AS, Jayasinghe Y, Hickey M, Anderson RA, Lambertini M, Condorelli M, Demeestere I, Ignatiadis M, Pistilli B, Su HI, Chang S, Pang PC, Reyat F, **Nelson SM**, Sukumvanich P, Minisini A, Puglisi F, Ruddy KJ, Couch FJ, Olson JE, Stern K, Agresta F, Stafford L, Chin-Lenn L, Cui W, Anazodo A, Gorelik A, Nguyen TL, Partridge A, Saunders C, Sullivan E, Macheras-Magias M, Peate M. *Bioengineering (Basel)*. 2025 Oct 28;12(11):1171.
7. Modelling Follicular Growth During Ovarian Stimulation Using Agent-based Artificial Intelligence. Hramyka A, Kelsey TW, Hanassab S, **Nelson SM**, Yeung AC, Saravelos S, Salim R, Comninou AN, Tsaneva-Atanasova K, Voliotis M, Trew GH, Heinis T, Dhillon WS, Abbara A. *J Clin Endocrinol Metab*. 2025 Sep 30.
8. Gynecologic surgery for benign disease: Preserving reproductive potential. Tulandi T, Mocanu E, Purandare N, **Nelson SM**, Barnea ER, Dolmo Carluccio R, Topcu EG, Feldberg D. *Int J Gynaecol Obstet*. 2025 Sep;171(3):1022-1028.
9. FIGO Fertility Passport: A tool for patients and their healthcare providers. Iliodromiti S, Purandare N, ..., **Nelson SM**, et al. *Int J Gynaecol Obstet*. 2025 Sep;171(2):450-455.
10. Effect of comprehensive tobacco control policies on maternal and child outcomes: a population-based linkage study. Kyzayeva A, Shaw M, Pell J, Leyland AH, Lawlor DA, Kearns RJ, **Nelson SM**. *Tob Control*. 2025 Sep 2.
11. Alcohol consumption during pregnancy in Scotland following public health interventions: population based study. Kyzayeva A, Kinsella M, Shaw M, Lawlor DA, **Nelson SM**, Kearns RJ. *BMJ Public Health*. 2025;3(2):e003264.

12. Sotrovimab versus usual care in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Lancet Infect Dis.* 2025 Aug;26(1):34-45.
13. Educational outcomes associated with prenatal exposure to antiseizure medications: A systematic literature review and meta-analysis. Karain A, Shakhshir LA, Pell JP, Mackay DF, **Nelson SM**, Singh S, Fleming M. *Seizure.* 2025 Aug;132:37-45.
14. Molnupiravir or nirmatrelvir-ritonavir plus usual care versus usual care alone in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Lancet Infect Dis.* 2025 May;25(9):1000-1010.
15. Higher dose corticosteroids in hospitalised COVID-19 patients requiring ventilatory support (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *EClinicalMedicine.* 2025 Feb 12;81:103080.

## 2024

16. Antimüllerian hormone levels are associated with time to pregnancy in a cohort study of 3,150 women. **Nelson SM**, Shaw M, Ewing BJ, McLean K, Vechery A, Briggs SF. *Fertil Steril.* 2024 Dec;122(6):1114-1123.
17. Perinatal health in a cohort of children conceived after assisted reproduction in the UK: a population-based record-linkage study. Purkayastha M, Sutcliffe A, Brison DR, **Nelson SM**, Lawlor D, Roberts SA. *BMJ Open.* 2024 Nov 11;14(11):e091910.
18. Individualized dosing of follitropin delta affects live birth and safety in in vitro fertilization treatment: an individual participant data meta-analysis of randomized controlled trials. **Nelson SM**, Shaw M, Alrashid K, Anderson RA. *Fertil Steril.* 2024 Sep;122(3):445-454.
19. Deep learning versus manual morphology-based embryo selection in IVF: a randomized, double-blind noninferiority trial. Illingworth PJ, Venetis C, Gardner DK, **Nelson SM**, Berntsen J, Larman MG, Agresta F, Ahitan S, Ahlström A, Cattrall F, Cooke S, Demmers K, Gabrielsen A, Hindkjær J, Kelley RL, Knight C, Lee L, Lahoud R, Mangat M, Park H, Price A, Trew G, Troest B, Vincent A, Wennerström S, Zujovic L, Hardarson T. *Nat Med.* 2024 Aug 9.
20. Epidural analgesia in labour: separating fact from fiction for autism and neurodevelopment. Kearns RJ, **Nelson SM**, Rex S. *Br J Anaesth.* 2024 Aug;133(2):247-254.
21. Defining gestational thyroid dysfunction through modified non-pregnancy reference intervals: an individual participant meta-analysis. Osinga JAJ, **Nelson SM**, Walsh JP, Ashoor G, Palomaki GE, López-Bermejo A, Bassols J, Aminorroaya A, Broeren MAC, Chen L, Lu X, Brown SJ, Veltri F, Huang K, Männistö T, Vafeiadi M, Taylor PN, Tao FB, Chatzi L, Kianpour M, Suvanto E, Grineva EN, Nicolaidis KH, D'Alton ME, Poppe KG, Alexander E, Feldt-Rasmussen U, Bliddal S, Popova PV, Chaker L, Visser WE, Peeters RP, Derakhshan A, Vrijkotte TGM, Pop VJM, Korevaar TIM. *J Clin Endocrinol Metab.* 2024 Jul 31:dgae528.
22. Corrigendum to 'Prediction of ovarian response using the automated Elecsys anti-Müllerian hormone assay in gonadotrophin-releasing hormone antagonist cycles' [*Reproductive BioMedicine Online* (2023) 46 2: 295-301]. Bosch E, Labarta E, Zuzuarregui J, Iliodromiti S, **Nelson SM**. *Reprod Biomed Online.* 2024 Jun;48(6):103946.
23. Epidural analgesia during labour and severe maternal morbidity: population based study. Kearns RJ, Kyzayeva A, Halliday LOE, Lawlor DA, Shaw M, **Nelson SM**. *BMJ.* 2024 May 22;385:e077190.
24. Risk Factors for Thyroid Dysfunction in Pregnancy: An Individual Participant Data Meta-Analysis. Osinga JAJ, Liu Y, Männistö T, Vafeiadi M, Tao FB, Vaidya B, Vrijkotte TGM, Mosso L, Bassols J, López-Bermejo A, Boucai L, Aminorroaya A, Feldt-Rasmussen U, Hisada A, Yoshinaga J, Broeren MAC, Itoh S, Kishi R, Ashoor G, Chen L, Veltri F, Lu X, Taylor PN, Brown SJ, Chatzi L, Popova PV, Grineva EN, Ghafoor F, Pirzada A, Kianpour M, Oken E, Suvanto E, Hattersley A, Rebagliato M, Riaño-Galán I, Irizar A, Vrijheid M, Delgado-Saborit JM, Fernández-Somoano A, Santa-Marina L, Boelaert K, Brenta G, Dhillon-Smith R, Dosiou C, Eaton JL, Guan H, Lee SY, Maraka S, Morris-Wiseman LF, Nguyen CT, Shan Z, Guxens M, Pop VJM, Walsh JP, Nicolaidis KH, D'Alton ME, Visser WE, Carty DM, Delles C, **Nelson SM**, Alexander

EK, Chaker L, Palomaki GE, Peeters RP, Bliddal S, Huang K, Poppe KG, Pearce EN, Derakhshan A, Korevaar TIM. *Thyroid*. 2024 May;34(5):646-658.

25. Socio-economic disadvantage and utilisation of labour epidural analgesia in Scotland: a population-based study. Halliday L, Shaw M, Kyzayeva A, Lawlor DA, **Nelson SM**, Kearns RJ. *Anaesthesia*. 2024 May;79(5):473-485.
26. Reply of the Authors: Individualized versus conventional ovarian stimulation for in vitro fertilization: a multicenter, randomized, controlled, assessor-blinded, phase 3 noninferiority trial. **Nelson SM**, Fauser BCJM, García-Velasco JA, Klein BM, Arce JC. *Fertil Steril*. 2024 Apr;121(4):707.
27. The prospect of artificial intelligence to personalize assisted reproductive technology. Hanassab S, Abbara A, Yeung AC, Voliotis M, Tsaneva-Atanasova K, Kelsey TW, Trew GH, **Nelson SM**, Heinis T, Dhillon WS. *Nature Digital Medicine*. 2024 Mar 1;7(1):55.
28. Immunomodulatory therapy in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS, MIS-C; RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Lancet Child Adolesc Health*. 2024 Mar;8(3):190-200.
29. Dimethyl fumarate in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Nat Commun*. 2024 Jan 31;15(1):924.

## 2023

30. Luteal phase support in assisted reproductive technology. Garg A, Zielinska AP, Yeung AC, Abdelmalak R, Chen R, Hossain A, Israni A, **Nelson SM**, Babwah AV, Dhillon WS, Abbara A. *Nat Rev Endocrinol*. 2024 Mar;20(3):149-167. doi: 10.1038/s41574-023-00921-5. Epub 2023 Dec 18.
31. TSH and FT4 reference interval recommendations and prevalence of gestational thyroid dysfunction: quantification of current diagnostic approaches. Osinga JAJ, Derakhshan A, Feldt-Rasmussen U, Huang K, Vrijkotte TGM, Männistö T, Bassols J, López-Bermejo A, Aminorroaya A, Vafeiadi M, Broeren MAC, Palomaki GE, Ashoor G, Chen L, Lu X, Taylor PN, Tao FB, Brown SJ, Sitoris G, Chatzi L, Vaidya B, Popova PV, Vasukova EA, Kianpour M, Suvanto E, Grineva EN, Hattersley A, Pop VJM, **Nelson SM**, Walsh JP, Nicolaidis KH, D'Alton ME, Poppe KG, Chaker L, Bliddal S, Korevaar TIM. *J Clin Endocrinol Metab*. 2023 Sep 22:dgad564.
32. Empagliflozin in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Lancet Diabetes Endocrinol*. 2023 Dec;11(12):905-914.
33. Beyond the Umbrella: A Systematic Review of the Interventions for the Prevention of and Reduction in the Incidence and Severity of Ovarian Hyperstimulation Syndrome in Patients Who Undergo In Vitro Fertilization Treatments. Palomba S, Costanzi F, **Nelson SM**, Besharat A, Caserta D, Humaidan P. *Int J Mol Sci*. 2023 Sep 16;24(18):14185.
34. Association between perinatal mortality and morbidity and customised and non-customised birthweight centiles in Denmark, Finland, Norway, Wales, and England: comparative, population based, record linkage study. Kilpi F, Jones HE, Magnus MC, Santorelli G, Højsgaard Schmidt LK, Urhoj SK, **Nelson SM**, Tuffnell D, French R, Magnus PM, Nybo Andersen AM, Martikainen P, Tilling K, Lawlor DA. *BMJ Med*. 2023 Aug 30;2(1):e000521.
35. Higher dose corticosteroids in patients admitted to hospital with COVID-19 who are hypoxic but not requiring ventilatory support (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Lancet*. 2023 Apr 13;401(10387):1499-1507.
36. Setting a tariff for IVF and ICSI treatment: a cost analysis. Venson R, Maheshwari A, **Nelson SM**, Boyd KA. *Hum Fertil (Camb)*. 2023 Jun 9:1-8.
37. Interventions to prevent or reduce the incidence and severity of ovarian hyperstimulation syndrome: a systematic umbrella review of the best clinical evidence. Palomba S, Costanzi F, **Nelson SM**, Caserta D, Humaidan P. *Reprod Biol Endocrinol*. 2023 Jul 21;21(1):67.
38. Contraceptive-specific antimüllerian hormone values in reproductive-age women: a population study of 42,684 women. **Nelson SM**, Ewing BJ, Gromski PS, Briggs SF. *Fertil Steril*. 2023 Jun;119(6):1069-1077.

39. Anti-Müllerian hormone for the diagnosis and prediction of menopause: a systematic review. **Nelson SM**, Davis SR, Kalantaridou S, Lumsden MA, Panay N, Anderson RA. *Hum Reprod Update*. 2023 May 2;29(3):327-346.
40. Long-term cardiometabolic health in people born after assisted reproductive technology: a multi-cohort analysis. Elhakeem A, Taylor AE, Inskip HM, Huang JY, Mansell T, Rodrigues C, Asta F, Blaauwendraad SM, Håberg SE, Halliday J, Harskamp-van Ginkel MW, He JR, Jaddoe VVW, Lewis S, Maher GM, Manios Y, McCarthy FP, Reiss IKM, Rusconi F, Salika T, Tafflet M, Qiu X, Åsvold BO, Burgner D, Chan JKY, Gagliardi L, Gaillard R, Heude B, Magnus MC, Moschonis G, Murray D, **Nelson SM**, Porta D, Saffery R, Barros H, Eriksson JG, Vrijkotte TGM, Lawlor DA. *Eur Heart J*. 2023 Apr 21;44(16):1464-1473.
41. Routine Prophylactic Esketamine for the Prevention of Maternal Pain During Cesarean Delivery. Kearns RJ, **Nelson SM**. *JAMA Netw Open*. 2023 Apr 3;6(4):e239331.
42. Study protocol: examining the impacts of COVID-19 mitigation measures on pregnancy and birth outcomes in Scotland-a linked administrative data study. Oberndorfer M, Henery PM, Dundas R, Leyland AH, Paranjothy S, Stock SJ, Wood R, **Nelson SM**, Kearns R, Pearce A. *BMJ Open*. 2023 Feb 15;13(2):e066293.
43. Prediction of ovarian response using the automated Elecsys anti-Müllerian hormone assay in gonadotrophin-releasing hormone antagonist cycles. Bosch E, Labarta E, Zuzuarregui J, Iliodromiti S, **Nelson SM**. *Reprod Biomed Online*. 2023 Feb;46(2):295-301.
44. Non-obstetric surgery and later childhood development: optimal anaesthesia for the mother-infant dyad. Kearns RJ, Shaw M, **Nelson SM**. *Anaesthesia*. 2023 Feb;78(2):143-146.
45. General health in a cohort of children conceived after assisted reproductive technology in the United Kingdom: a population-based record-linkage study. Sutcliffe AG, Purkayastha M, Brison DR, **Nelson SM**, Roberts SA, Lawlor DA. *Am J Obstet Gynecol*. 2023 Jan;228(1):82.e1-82.e17.

## 2022

46. Gestational diabetes in women with obesity; an analysis of clinical history and simple clinical/anthropometric measures. White SL, Pasupathy D, Begum S, Sattar N, **Nelson SM**, Seed P, Poston L; UPBEAT consortium. *PLoS One*. 2022 Dec 30;17(12):e0279642.
47. Changes in women's physical function in mid-life by reproductive age and hormones: a longitudinal study. Kilpi F, Soares AG, Clayton GL, Fraser A, Welsh P, Sattar N, **Nelson SM**, Tilling K, Lawlor DA. *BMC Womens Health*. 2022 Nov 24;22(1):473.
48. What is the recommended management of a young woman with an intact endometrioma desiring future fertility? Younis JS, **Nelson SM**. *Front Endocrinol (Lausanne)*. 2022 Nov 10;13:1005597.
49. Ethnic discordance in serum anti-Müllerian hormone in European and Indian healthy women and Indian infertile women. Gromski PS, Patil RS, Chougule SM, Bhomkar DA, Jirge PR, **Nelson SM**. *Reprod Biomed Online*. 2022 Nov;45(5):979-986.
50. Epidural analgesia in labor: A narrative review. Halliday L, **Nelson SM**, Kearns RJ. *Int J Gynaecol Obstet*. 2022 Nov;159(2):356-364.
51. Association of birthweight centiles and early childhood development of singleton infants born from 37 weeks of gestation in Scotland: A population-based cohort study. Adanikin A, Lawlor DA, Pell JP, **Nelson SM**, Smith GCS, Iliodromiti S. *PLoS Med*. 2022 Oct 11;19(10):e1004108.
52. Menstrual Cycle Regularity and Length Across the Reproductive Lifespan and Risk of Cardiovascular Disease. Wang YX, Stuart JJ, Rich-Edwards JW, Missmer SA, Rexrode KM, Farland LV, Mukamal KJ, **Nelson SM**, Solomon CG, Fraser A, Chavarro JE. *JAMA Netw Open*. 2022 Oct 3;5(10):e2238513.
53. TSH and FT4 Reference Intervals in Pregnancy: A Systematic Review and Individual Participant Data Meta-Analysis. Osinga JAJ, Derakhshan A, Palomaki GE, Ashoor G, Männistö T, Maraka S, Chen L, Bliddal S, Lu X, Taylor PN, Vrijkotte TGM, Tao FB, Brown SJ, Ghafoor F, Poppe K, Veltri F, Chatzi L, Vaidya B, Broeren MAC, Shields BM, Itoh S, Mosso L, Popova PV, Anopova AD, Kishi R, Aminorroaya A, Kianpour M, López-Bermejo A, Oken E, Pirzada A, Vafeiadi M, Bramer WM, Suvanto E, Yoshinaga J, Huang K, Bassols J, Boucai L, Feldt-Rasmussen U, Grineva EN, Pearce EN, Alexander EK, Pop VJM, **Nelson SM**,

Walsh JP, Peeters RP, Chaker L, Nicolaides KH, D'Alton ME, Korevaar TIM. *J Clin Endocrinol Metab.* 2022 Sep 28;107(10):2925-2933.

54. Cardiovascular health in the menopause transition: a longitudinal study of up to 3892 women with up to four repeated measures of risk factors. Clayton GL, Soares AG, Kilpi F, Fraser A, Welsh P, Sattar N, **Nelson SM**, Tilling K, Lawlor DA. *BMC Med.* 2022 Aug 17;20(1):299.
55. Comparison of ultra-low, low and high concentration local anaesthetic for labour epidural analgesia: a systematic review and network meta-analysis. Halliday L, Kinsella M, Shaw M, Cheyne J, **Nelson SM**, Kearns RJ. *Anaesthesia.* 2022 Aug;77(8):910-918.
56. Does an endometrioma instigate an antral follicle count underestimation or anti-Müllerian hormone overestimation? Younis JS, Izhaki I, **Nelson SM**. *Am J Obstet Gynecol.* 2022 Aug;227(2):367.
57. Association of Assisted Reproductive Technology With Offspring Growth and Adiposity From Infancy to Early Adulthood. Elhakeem A, Taylor AE, Inskip HM, Huang J, Tafflet M, Vinther JL, Asta F, Erkamp JS, Gagliardi L, Guerlich K, Halliday J, Harskamp-van Ginkel MW, He JR, Jaddoe VVW, Lewis S, Maher GM, Manios Y, Mansell T, McCarthy FP, McDonald SW, Medda E, Nisticò L, de Moira AP, Popovic M, Reiss IKM, Rodrigues C, Salika T, Smith A, Stazi MA, Walker C, Wu M, Åsvold BO, Barros H, Brescianini S, Burgner D, Chan JKY, Charles MA, Eriksson JG, Gaillard R, Grote V, Håberg SE, Heude B, Koletzko B, Morton S, Moschonis G, Murray D, O'Mahony D, Porta D, Qiu X, Richiardi L, Rusconi F, Saffery R, Tough SC, Vrijkotte TGM, **Nelson SM**, Nybo Andersen AM, Magnus MC, Lawlor DA; Assisted Reproductive Technology and Future Health (ART-Health) Cohort Collaboration. *JAMA Netw Open.* 2022 Jul 1;5(7):e2222106.
58. Association of Thyroid Peroxidase Antibodies and Thyroglobulin Antibodies with Thyroid Function in Pregnancy: An Individual Participant Data Meta-Analysis. Bliddal S, Derakhshan A, Xiao Y, Chen LM, Männistö T, Ashoor G, Tao F, Brown SJ, Vafeiadi M, Itoh S, Grineva EN, Taylor P, Ghafoor F, Vaidya B, Hattersley A, Mosso L, Oken E, Kishi R, Alexander EK, Maraka S, Huang K, Chaker L, Bassols J, Pirzada A, López-Bermejo A, Boucai L, Peeters RP, Pearce EN, **Nelson SM**, Chatzi L, Vrijkotte TG, Popova PV, Walsh JP, Nicolaides KH, Suvanto E, Lu X, Pop VJM, Forman JL, Korevaar TIM, Feldt-Rasmussen U. *Thyroid.* 2022 Jul;32(7):828-840.
59. Baricitinib in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial and updated meta-analysis. RECOVERY Collaborative Group. *Lancet.* 2022 Jul 30;400(10349):359-368.
60. Casirivimab and imdevimab in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. RECOVERY Collaborative Group. *Lancet.* 2022 Feb 12;399(10325):665-676.
61. Anti-Müllerian hormone as a marker of ovarian reserve and premature ovarian insufficiency in children and women with cancer: a systematic review. Anderson RA, Cameron D, Clatot F, Demeestere I, Lambertini M, **Nelson SM**, Peccatori F. *Hum Reprod Update.* 2022 May 2;28(3):417-434.
62. Association between maternal thyroid function and risk of gestational hypertension and pre-eclampsia: a systematic review and individual-participant data meta-analysis. Toloza FJK, Derakhshan A, Männistö T, Bliddal S, Popova PV, Carty DM, Chen L, Taylor P, Mosso L, Oken E, Suvanto E, Itoh S, Kishi R, Bassols J, Auvinen J, López-Bermejo A, Brown SJ, Boucai L, Hisada A, Yoshinaga J, Shilova E, Grineva EN, Vrijkotte TGM, Sunyer J, Jiménez-Zabala A, Riaño-Galan I, Lopez-Espinosa MJ, Prokop LJ, Singh Ospina N, Brito JP, Rodriguez-Gutierrez R, Alexander EK, Chaker L, Pearce EN, Peeters RP, Feldt-Rasmussen U, Guxens M, Chatzi L, Delles C, Roeters van Lennep JE, Pop VJM, Lu X, Walsh JP, **Nelson SM**, Korevaar TIM, Maraka S. *Lancet Diabetes Endocrinol.* 2022 Apr;10(4):243-252.
63. Editorial: Clinical Applications of Anti-Müllerian Hormone and Its Measurement in Reproductive Medicine and Women's Health. Li HWR, **Nelson SM**, Ledger WL. *Front Endocrinol (Lausanne).* 2022 Mar 14;13:879053.
64. Buprenorphine Compared with Methadone in Pregnancy: A Systematic Review and Meta-Analysis. Kinsella M, Halliday LOE, Shaw M, Capel Y, **Nelson SM**, Kearns RJ. *Subst Use Misuse.* 2022;57(9):1400-1416.

## 2021

65. Comparison of ovarian response to follitropin delta in Japanese and White IVF/ICSI patients. Ishihara O, **Nelson SM**, Arce JC. *Reprod Biomed Online*. 2021 Sep 23:S1472-6483(21)00473-9.
66. Spousal associations of serum metabolomic profiles by nuclear magnetic resonance spectroscopy. Al Rashid K, Goulding N, Taylor A, Lumsden MA, Lawlor DA, **Nelson SM**. *Sci Rep*. 2021 Nov 3;11(1):21587.
67. Association of Epidural Analgesia in Women in Labor With Neonatal and Childhood Outcomes in a Population Cohort. Kearns RJ, Shaw M, Gromski PS, Iliodromiti S, Lawlor DA, **Nelson SM**. *JAMA Netw Open*. 2021 Oct 1;4(10):e2131683.
68. Meta-analyses, individual participant data, and larger studies-the routes to refined effect estimates. Younis JS, Izhaki I, **Nelson SM**. *Am J Obstet Gynecol*. 2021 Sep 14:S0002-9378(21)01002-4.
69. Cohort profile: a national, population-based cohort of children born after assisted conception in the UK (1992-2009): methodology and birthweight analysis. Purkayastha M, Roberts SA, Gardiner J, Brison DR, **Nelson SM**, Lawlor D, Luke B, Sutcliffe A. *BMJ Open*. 2021 Jul 19;11(7):e050931.
70. Endometrioma surgery-a systematic review and meta-analysis of the effect on antral follicle count and anti-Müllerian hormone. Younis JS, Shapso N, Ben-Sira Y, **Nelson SM**, Izhaki I. *Am J Obstet Gynecol*. 2021 Jul 13:S0002-9378(21)00788-2.
71. 2008 financial crisis versus 2020 economic fallout: how COVID-19 might influence fertility treatment and live births. Gromski PS, Smith ADAC, Lawlor DA, Sharara FI, **Nelson SM**. *Reprod Biomed Online*. 2021 Jun;42(6):1087-1096.
72. Neonatal and early childhood outcomes following maternal anesthesia for cesarean section: a population-based cohort study. Kearns RJ, Shaw M, Gromski PS, Iliodromiti S, Pell JP, Lawlor DA, **Nelson SM**. *Reg Anesth Pain Med*. 2021 Jun;46(6):482-489.
73. Does large endometrioma per se increase AMH level? Younis JS, **Nelson SM**. *Reprod Biomed Online*. 2021 Apr;42(4):691-693.
74. Prediction of premature ovarian insufficiency: foolish fallacy or feasible foresight? **Nelson SM**, Anderson RA. *Climacteric*. 2021 Oct;24(5):438-443.
75. Letter to editor. **Nelson SM**, La Marca A. *J Assist Reprod Genet*. 2021 Feb;38(2):539-541.
76. Regulation to reality: COVID-19 and IVF activity. Gromski PS, Child T, Davies JL, Trew G, **Nelson SM**. *Hum Reprod*. 2021 Jan 25;36(2):519-521.
77. Adiposity and cardiovascular outcomes in three-year-old children of participants in UPBEAT, an RCT of a complex intervention in pregnant women with obesity. Dalrymple KV, Tydeman FAS, Taylor PD, Flynn AC, O'Keefe M, Briley AL, Santosh P, Hayes L, Robson SC, **Nelson SM**, Sattar N, Whitworth MK, Mills HL, Singh C, Seed CStat PT, White SL, Lawlor DA, Godfrey KM, Poston L; UPBEAT consortium. *Pediatr Obes*. 2021 Mar;16(3):e12725.

## 2020

78. SARS-Cov-2 viral and serological screening of staff in 31 European fertility units. **Nelson SM**, Ehnert S, Gromski PS, Child T, Trew G. *Hum Reprod Open*. 2020 Dec 12;2020(4):hoaa056.
79. Anti-Müllerian Hormone in the Diagnosis and Prediction of Premature Ovarian Insufficiency. Anderson RA, **Nelson SM**. *Semin Reprod Med*. 2020 Sep;38(4-05):263-269.
80. Clinical Application of AMH Measurement in Assisted Reproduction. Li HWR, **Nelson SM**. *Front Endocrinol (Lausanne)*. 2020 Dec 9;11:606744.
81. Longitudinal changes in reproductive hormones through the menopause transition in the Avon Longitudinal Study of Parents and Children (ALSPAC). Soares AG, Kilpi F, Fraser A, **Nelson SM**, Sattar N, Welsh PI, Tilling K, Lawlor DA. *Sci Rep*. 2020 Dec 4;10(1):21258.
82. Association of the functional ovarian reserve with serum metabolomic profiling by nuclear magnetic resonance spectroscopy: a cross-sectional study of ~ 400 women. Al Rashid K, Taylor A, Lumsden MA, Goulding N, Lawlor DA, **Nelson SM**. *BMC Med*. 2020 Aug 31;18(1):247.

83. Empathetic application of machine learning may address appropriate utilization of ART. Jenkins J, van der Poel S, Krüssel J, Bosch E, **Nelson SM**, Pinborg A, Yao MMW. *Reprod Biomed Online*. 2020 Oct;41(4):573-577.
84. Changes in six domains of cognitive function with reproductive and chronological ageing and sex hormones: a longitudinal study in 2411 UK mid-life women. Kilpi F, Soares ALG, Fraser A, **Nelson SM**, Sattar N, Fallon SJ, Tilling K, Lawlor DA. *BMC Womens Health*. 2020 Aug 14;20(1):177.
85. Population implications of cessation of IVF during the COVID-19 pandemic. Smith ADAC, Gromski PS, Rashid KA, Tilling K, Lawlor DA, **Nelson SM**. *Reprod Biomed Online*. 2020 Sep;41(3):428-430.
86. Correction to: SARS-CoV-2 testing in infertile patients: different recommendations in Europe and America. La Marca A, **Nelson SM**. *J Assist Reprod Genet*. 2020 Aug;37(8):1829.
87. SARS-CoV-2 testing in infertile patients: different recommendations in Europe and America. La Marca A, **Nelson SM**. *J Assist Reprod Genet*. 2020 Aug;37(8):1823-1828.
88. Testing for SARS-CoV-2 (COVID-19): a systematic review and clinical guide to molecular and serological in-vitro diagnostic assays. La Marca A, Capuzzo M, Paglia T, Roli L, Trenti T, **Nelson SM**. *Reprod Biomed Online*. 2020 Sep;41(3):483-499.
89. Association of maternal thyroid function with birthweight: a systematic review and individual-participant data meta-analysis. Derakhshan A, Peeters RP, Taylor PN, Bliddal S, Carty DM, Meems M, Vaidya B, Chen L, Knight BA, Ghafoor F, Popova PV, Mosso L, Oken E, Suvanto E, Hisada A, Yoshinaga J, Brown SJ, Bassols J, Auvinen J, Bramer WM, López-Bermejo A, Dayan CM, French R, Boucai L, Vafeiadi M, Grineva EN, Pop VJM, Vrijkotte TG, Chatzi L, Sunyer J, Jiménez-Zabala A, Riaño I, Rebagliato M, Lu X, Pirzada A, Männistö T, Delles C, Feldt-Rasmussen U, Alexander EK, **Nelson SM**, Chaker L, Pearce EN, Guxens M, Steegers EAP, Walsh JP, Korevaar TIM. *Lancet Diabetes Endocrinol*. 2020 Jun;8(6):501-510.
90. Next Steps Toward AMH as a Robust Biomarker for Assessing Ovarian Aging in Individual Women. Fauser BCJM, **Nelson SM**. *J Clin Endocrinol Metab*. 2020 Jul 1;105(7):e2643-4.
91. UK stillbirth trends in over 11 million births provide no evidence to support effectiveness of Growth Assessment Protocol program. Iliodromiti S, Smith GCS, Lawlor DA, Pell JP, **Nelson SM**. *Ultrasound Obstet Gynecol*. 2020 May;55(5):599-604.
92. Metabolic phenotyping by treatment modality in obese women with gestational diabetes suggests diverse pathophysiology: An exploratory study. White SL, Begum S, Vieira MC, Seed P, Lawlor DL, Sattar N, **Nelson SM**, Welsh P, Pasupathy D, Poston L; UPBEAT Consortium. *PLoS One*. 2020 Apr 2;15(4):e0230658.
93. COVID-19: lessons from the Italian reproductive medical experience. La Marca A, Niederberger C, Pellicer A, **Nelson SM**. *Fertil Steril*. 2020 May;113(5):920-922.
94. Ethnic discordance in serum anti-Müllerian hormone in healthy women: a population study from China and Europe. **Nelson SM**, Aijun S, Ling Q, Tengda X, Wei X, Yan D, Yanfang W, Zenghui T, Xinqi C, Fraser A, Clayton GL. *Reprod Biomed Online*. 2020 Mar;40(3):461-467.

## 2019

95. Live birth rates and perinatal outcomes when all embryos are frozen compared with conventional fresh and frozen embryo transfer: a cohort study of 337,148 in vitro fertilisation cycles. Smith A, Tilling K, Lawlor DA, **Nelson SM**. *BMC Medicine*. 2019;17(1):202.
96. Menopausal hot flashing and endothelial function in two vascular beds: findings from a cross-sectional study of postmenopausal women. Iliodromiti S, Sattar N, Delles C, **Nelson SM**, Gill J, Lumsden M. *Menopause*. 2019;26(9):1002-1009.
97. Association of Thyroid Function Test Abnormalities and Thyroid Autoimmunity With Preterm Birth: A Systematic Review and Meta-analysis. Consortium on Thyroid and Pregnancy Study Group on Preterm Birth, Korevaar T, Derakhshan A, Taylor PN, Meima M, Chen L, **Nelson SM**, Peeters RP. *JAMA*. 2019;322(7):632-641.
98. A Comprehensive Profile of Chemokine Gene Expression in the Tissues of the Female Reproductive Tract in Mice. Menzies FM, Oldham RS, Waddell C, **Nelson SM**, Nibbs R. *Immunol Invest*. 2019;48(8):1-23.

99. Factors associated with stillbirth in women with diabetes. Mackin ST, **Nelson SM**, Wild SH, Colhoun HM, Wood R, Lindsay RS; SDRN Epidemiology Group and Scottish Diabetes Group Pregnancy subgroup. *Diabetologia*. 2019 Oct;62(10):1938-1947.
100. Anti-Müllerian hormone variability and its implications for the number of oocytes retrieved following individualized dosing with follitropin delta. **Nelson SM**, Larsson P, Mannaerts BMJL, Nyboe Andersen A, Fauser BCJM. *Clin Endocrinol (Oxf)*. 2019 May;90(5):719-726.
101. The effect of a lifestyle intervention in obese pregnant women on gestational metabolic profiles: findings from the UK Pregnancies Better Eating and Activity Trial (UPBEAT) randomised controlled trial. Mills HL, Patel N, White SL, Pasupathy D, Briley AL, Santos Ferreira DL, Seed PT, **Nelson SM**, Sattar N, Tilling K, Poston L, Lawlor DA; UPBEAT Consortium. *BMC Med*. 2019 Jan 21;17(1):15.

## 2018

102. Gestational diabetes modifies the association between PIGF in early pregnancy and preeclampsia in women with obesity. Vieira MC, Begum S, Seed PT, Badran D, Briley AL, Gill C, Godfrey KM, Lawlor DA, **Nelson SM**, Patel N, Sattar N, White SL, Poston L, Pasupathy D; UPBEAT Consortium. *Pregnancy Hypertens*. 2018 Jul;13:267-272.
103. Relationships between Maternal Obesity and Maternal and Neonatal Iron Status. Flynn AC, Begum S, White SL, Dalrymple K, Gill C, Alwan NA, Kiely M, Latunde-Dada G, Bell R, Briley AL, **Nelson SM**, Oteng-Ntim E, Sandall J, Sanders TA, Whitworth M, Murray DM, Kenny LC, Poston L; SCOPE and UPBEAT Consortiums. *Nutrients*. 2018 Jul 30;10(8).
104. The Association of Maternal Thyroid Autoimmunity During Pregnancy With Child IQ. Derakhshan A, Korevaar TIM, Taylor PN, Levie D, Guxens M, Jaddoe VWV, **Nelson SM**, Tiemeier H, Peeters RP. *J Clin Endocrinol Metab*. 2018 Oct 1;103(10):3729-3736.
105. Individualized FSH dosing improves safety and reduces iatrogenic poor response while maintaining live-birth rates. La Marca A, Blockeel C, Bosch E, Fanchin R, Fatemi HM, Fauser BC, García-Velasco JA, Humaidan P, Tarlatzis BC, **Nelson SM**. *Hum Reprod*. 2018 May 1;33(5):982-983.
106. Derailing individualized ovarian stimulation. **Nelson SM**, Anderson RA. *Hum Reprod*. 2018 May 1;33(5):980-981.
107. The impact of confounding on the associations of different adiposity measures with the incidence of cardiovascular disease: a cohort study of 296 535 adults of white European descent. Iliodromiti S, Celis-Morales CA, Lyall DM, Anderson J, Gray SR, Mackay DF, **Nelson SM**, Welsh P, Pell JP, Gill JMR, Sattar N. *Eur Heart J*. 2018 May 1;39(17):1514-1520.
108. Maternal thyroid function and child educational attainment: prospective cohort study. **Nelson SM**, Haig C, McConnachie A, Sattar N, Ring SM, Smith GD, Lawlor DA, Lindsay RS. *BMJ*. 2018 Feb 20;360:k452.
109. Age at Menarche and Cardiometabolic Health: A Sibling Analysis in the Scottish Family Health Study. Magnus MC, Lawlor DA, Iliodromiti S, Padmanabhan S, **Nelson SM**, Fraser A. *J Am Heart Assoc*. 2018 Feb 10;7(4):e007780.
110. Metabolic characterization of menopause: cross-sectional and longitudinal evidence. Wang Q, Ferreira DLS, **Nelson SM**, Sattar N, Ala-Korpela M, Lawlor DA. *BMC Med*. 2018 Feb 6;16(1):17.
111. Pre-conception maternal erythrocyte saturated to unsaturated fatty acid ratio predicts pregnancy after natural cycle frozen embryo transfer. Onyiaodike CC, Murray HM, Zhang R, Meyer BJ, Jordan F, Brown EA, Nibbs RJB, Lyall H, Sattar N, **Nelson SM**, Freeman DJ. *Sci Rep*. 2018 Jan 19;8(1):1216.
112. Diabetes and pregnancy: national trends over a 15 year period. Mackin ST, **Nelson SM**, Kerssens JJ, Wood R, Wild S, Colhoun HM, Leese GP, Philip S, Lindsay RS; SDRN Epidemiology Group. *Diabetologia*. 2018;61(3):561-571.
113. The utility of anti-Müllerian hormone in women with chronic kidney disease, on haemodialysis and after kidney transplantation. Stoumpos S, Lees J, Welsh P, Hund M, Geddes CC, **Nelson SM**, Mark PB. *Reprod Biomed Online*. 2018 Feb;36(2):219-226.

114. Age-related decline in AMH is assay dependent limiting clinical interpretation of repeat AMH measures across the reproductive lifespan. Plociennik L, **Nelson SM**, Lukaszuk A, Kunicki M, Podfigurna A, Meczekalski B, Lukaszuk K. *Gynecol Endocrinol*. 2018 Feb;34(2):115-119.

## 2017

115. Prediction of uncomplicated pregnancies in obese women: a prospective multicentre study. Vieira MC, White SL, Patel N, Seed PT, Briley AL, Sandall J, Welsh P, Sattar N, **Nelson SM**, Lawlor DA, Poston L, Pasupathy D; UPBEAT Consortium. *BMC Med*. 2017 Nov 3;15(1):194.
116. Gestational diabetes mellitus-right person, right treatment, right time? Lindsay RS, Mackin ST, **Nelson SM**. *BMC Med*. 2017 Aug 28;15(1):163.
117. Metabolic profiling of gestational diabetes in obese women during pregnancy. White SL, Pasupathy D, Sattar N, **Nelson SM**, Lawlor DA, Briley AL, Seed PT, Welsh P, Poston L; UPBEAT Consortium. *Diabetologia*. 2017 Oct;60(10):1903-1912.
118. Number of Offspring and Cardiovascular Disease Risk in Men and Women: The Role of Shared Lifestyle Characteristics. Magnus MC, Iliodromiti S, Lawlor DA, Catov JM, **Nelson SM**, Fraser A. *Epidemiology*. 2017 Nov;28(6):880-888.
119. Improving pregnancy outcome in obese women: the UK Pregnancies Better Eating and Activity randomised controlled Trial. Poston L, Bell R, Briley AL, Godfrey KM, **Nelson SM**, Oteng-Ntim E, Sandall J, Sanders TAB, Sattar N, Seed PT, Robson SC, Trepel D, Wardle J. Southampton (UK): NIHR Journals Library; 2017 Apr.
120. A case of large bowel obstruction secondary to twin pregnancy. Metcalfe R, Mansouri D, McCarter D, McMillan M, **Nelson SM**. *J Obstet Gynaecol*. 2017 Oct;37(7):944-945.
121. Prevention and management of ovarian hyperstimulation syndrome. **Nelson SM**. *Thromb Res*. 2017 Mar;151 Suppl 1:S61-S64.
122. Infant adiposity following a randomised controlled trial of a behavioural intervention in obese pregnancy. Patel N, Godfrey KM, Pasupathy D, Levin J, Flynn AC, Hayes L, Briley AL, Bell R, Lawlor DA, Oteng-Ntim E, **Nelson SM**, Robson SC, Sattar N, Singh C, Wardle J, White SL, Seed PT, Poston L. *Int J Obes (Lond)*. 2017 Jul;41(7):1018-1026.
123. Customised and Noncustomised Birth Weight Centiles and Prediction of Stillbirth and Infant Mortality and Morbidity: A Cohort Study of 979,912 Term Singleton Pregnancies in Scotland. Iliodromiti S, Mackay DF, Smith GC, Pell JP, Sattar N, Lawlor DA, **Nelson SM**. *PLoS Med*. 2017 Jan 31;14(1):e1002228.
124. Individualized versus conventional ovarian stimulation for in vitro fertilization: a multicenter, randomized, controlled, assessor-blinded, phase 3 noninferiority trial. Nyboe Andersen A, **Nelson SM**, Fauser BC, Garcia-Velasco JA, Klein BM, Arce JC; ESTHER-1 study group. *Fertil Steril*. 2017 Feb;107(2):387-396.e4.
125. Programming of Adiposity in Childhood and Adolescence: Associations With Birth Weight and Cord Blood Adipokines. Simpson J, Smith AD, Fraser A, Sattar N, Lindsay RS, Ring SM, Tilling K, Davey Smith G, Lawlor DA, **Nelson SM**. *J Clin Endocrinol Metab*. 2017 Feb 1;102(2):499-506.

## 2016

126. Early Antenatal Prediction of Gestational Diabetes in Obese Women: Development of Prediction Tools for Targeted Intervention. White SL, Lawlor DA, Briley AL, Godfrey KM, **Nelson SM**, Oteng-Ntim E, Robson SC, Sattar N, Seed PT, Vieira MC, Welsh P, Whitworth M, Poston L, Pasupathy D; UPBEAT Consortium. *PLoS One*. 2016 Dec 8;11(12):e0167846.
127. Pregnancy Outcome following Prenatal Diagnosis of Chromosomal Anomaly: A Record Linkage Study of 26,261 Pregnancies. Jacobs M, Cooper SA, McGowan R, **Nelson SM**, Pell JP. *PLoS One*. 2016 Dec 1;11(12):e0166909.
128. Dietary patterns in obese pregnant women; influence of a behavioral intervention of diet and physical activity in the UPBEAT randomized controlled trial. Flynn AC, Seed PT, Patel N, Barr S, Bell R, Briley AL, Godfrey KM, **Nelson SM**, Oteng-Ntim E, Robinson SM, Sanders TA, Sattar N, Wardle J, Poston L, Goff LM; UPBEAT consortium. *Int J Behav Nutr Phys Act*. 2016 Nov 29;13(1):124.

129. Cord Blood Adipokines and Lipids and Adolescent Nonalcoholic Fatty Liver Disease. Simpson J, Smith AD, Fraser A, Sattar N, Callaway M, Lindsay RS, Lawlor DA, **Nelson SM**. *J Clin Endocrinol Metab*. 2016 Dec;101(12):4661-4668.
130. Excessive Age-Related Decline in Functional Ovarian Reserve in Infertile Women: Prospective Cohort of 15,500 Women. Iliodromiti S, Iglesias Sanchez C, Messow CM, Cruz M, Garcia Velasco J, **Nelson SM**. *J Clin Endocrinol Metab*. 2016 Sep;101(9):3548-54.
131. Ovarian hyperstimulation syndrome: review and new classification criteria for reporting in clinical trials. Humaidan P, **Nelson SM**, Devroey P, Coddington CC, Schwartz LB, Gordon K, Frattarelli JL, Tarlatzis BC, Fatemi HM, Lutjen P, Stegmann BJ. *Hum Reprod*. 2016 Sep;31(9):1997-2004.
132. Accuracy of circulating adiponectin for predicting gestational diabetes: a systematic review and meta-analysis. Iliodromiti S, Sassarini J, Kelsey TW, Lindsay RS, Sattar N, **Nelson SM**. *Diabetologia*. 2016 Apr;59(4):692-9.
133. The outcome of prenatal identification of sex chromosome abnormalities. Lucas-Herald AK, Cann F, Crawford L, Morrison H, Boroujerdi M, **Nelson SM**, Ahmed SF, McGowan R. *Arch Dis Child Fetal Neonatal Ed*. 2016 Sep;101(5):F423-7.
134. Genome-wide association study identifies common and low-frequency variants at the AMH gene locus that strongly predict serum AMH levels in males. Perry JR, McMahon G, Day FR, Ring SM, **Nelson SM**, Lawlor DA. *Hum Mol Genet*. 2016 Jan 15;25(2):382-8.
135. Five-minute Apgar score and educational outcomes: retrospective cohort study of 751,369 children. Tweed EJ, Mackay DF, **Nelson SM**, Cooper SA, Pell JP. *Arch Dis Child Fetal Neonatal Ed*. 2016 Mar;101(2):F121-6.

## 2015

136. Live-Birth Rate Associated With Repeat In Vitro Fertilization Treatment Cycles. Smith ADAC, Tilling K, **Nelson SM**, Lawlor DA. *JAMA*. 2015 Dec 22-29;314(24):2654-2662.
137. Antenatal blood pressure for prediction of pre-eclampsia, preterm birth, and small for gestational age babies: development and validation in two general population cohorts. Macdonald-Wallis C, Silverwood RJ, de Stavola BL, Inskip H, Cooper C, Godfrey KM, Crozier S, Fraser A, **Nelson SM**, Lawlor DA, Tilling K. *BMJ*. 2015 Nov 17;351:h5948.
138. Predictive factors for ovarian response in a corifollitropin alfa/GnRH antagonist protocol for controlled ovarian stimulation in IVF/ICSI cycles. Oehninger S, **Nelson SM**, Verweij P, Stegmann BJ. *Reprod Biol Endocrinol*. 2015 Oct 31;13:117.
139. Two new automated, compared with two enzyme-linked immunosorbent, antimüllerian hormone assays. **Nelson SM**, Pastuszek E, Kloss G, Malinowska I, Liss J, Lukaszuk A, Plociennik L, Lukaszuk K. *Fertil Steril*. 2015 Oct;104(4):1016-1021.e6.
140. Effect of a behavioural intervention in obese pregnant women (the UPBEAT study): a multicentre, randomised controlled trial. Poston L, Bell R, Croker H, Flynn AC, Godfrey KM, Goff L, Hayes L, Khazaezadeh N, **Nelson SM**, Oteng-Ntim E, Pasupathy D, Patel N, Robson SC, Sandall J, Sanders TA, Sattar N, Seed PT, Wardle J, Whitworth MK, Briley AL; UPBEAT Trial Consortium. *Lancet Diabetes Endocrinol*. 2015 Oct;3(10):767-77.
141. Anti-Müllerian hormone in children: a ten-year prospective longitudinal study (EarlyBird 39). Jeffery A, Streeter AJ, Hosking J, Wilkin TJ, **Nelson SM**. *J Pediatr Endocrinol Metab*. 2015 Sep;28(9-10):1153-62.
142. Antimüllerian hormone levels and antral follicle count as prognostic indicators in a personalized prediction model of live birth. **Nelson SM**, Fleming R, Gaudoin M, Choi B, Santo-Domingo K, Yao M. *Fertil Steril*. 2015 Aug;104(2):325-32.
143. Erratum: a complex intervention to improve pregnancy outcome in obese women; the UPBEAT randomised controlled trial. Briley AL, Barr S, Badger S, Bell R, Croker H, Godfrey KM, Holmes B, Kinnunen TI, **Nelson SM**, Oteng-Ntim E, Patel N, Robson SC, Sandall J, Sanders T, Sattar N, Seed PT, Wardle J, Poston L. *BMC Pregnancy Childbirth*. 2015 May 8;15:111.

144. Ovarian response biomarkers: physiology and performance. Iliodromiti S, **Nelson SM**. *Curr Opin Obstet Gynecol*. 2015 Jun;27(3):182-6.
145. The Relationship Between Variation in Size of the Primordial Follicle Pool and Age at Natural Menopause. Depmann M, Faddy MJ, van der Schouw YT, Peeters PH, Broer SL, Kelsey TW, **Nelson SM**, Broekmans FJ. *J Clin Endocrinol Metab*. 2015 Jun;100(6):E845-51.
146. External validation and calibration of IVFpredict: a national prospective cohort study of 130,960 in vitro fertilisation cycles. Smith AD, Tilling K, Lawlor DA, **Nelson SM**. *PLoS One*. 2015 Apr 8;10(4):e0121357.
147. Apgar score and risk of cause-specific infant mortality - authors' reply. **Nelson SM**, Iliodromiti S, Mackay DF, Pell JP, Smith GC. *Lancet*. 2015 Feb 7;385(9967):506.
148. Comparison of antimüllerian hormone levels and antral follicle count as predictor of ovarian response to controlled ovarian stimulation in good-prognosis patients at individual fertility clinics in two multicenter trials. **Nelson SM**, Klein BM, Arce JC. *Fertil Steril*. 2015 Apr;103(4):923-930.e1.
149. Technical and performance characteristics of anti-Müllerian hormone and antral follicle count as biomarkers of ovarian response. Iliodromiti S, Anderson RA, **Nelson SM**. *Hum Reprod Update*. 2015 Nov-Dec;21(6):698-710.
150. Gestational-age-specific reference ranges for blood pressure in pregnancy: findings from a prospective cohort. Macdonald-Wallis C, Silverwood RJ, Fraser A, **Nelson SM**, Tilling K, Lawlor DA, de Stavola BL. *J Hypertens*. 2015 Jan;33(1):96-105.

## 2014

151. The emergence of proton nuclear magnetic resonance metabolomics in the cardiovascular arena as viewed from a clinical perspective. Rankin NJ, Preiss D, Welsh P, Burgess KE, **Nelson SM**, Lawlor DA, Sattar N. *Atherosclerosis*. 2014 Nov;237(1):287-300.
152. Atypical chemokine receptor ACKR2 mediates chemokine scavenging by primary human trophoblasts and can regulate fetal growth, placental structure, and neonatal mortality in mice. Teoh PJ, Menzies FM, Hansell CA, Clarke M, Waddell C, Burton GJ, **Nelson SM**, Nibbs RJ. *J Immunol*. 2014 Nov 15;193(10):5218-28.
153. Pregnancy glycaemia and cord-blood levels of insulin and leptin in Pakistani and white British mother-offspring pairs: findings from a prospective pregnancy cohort. Lawlor DA, West J, Fairley L, **Nelson SM**, Bhopal RS, Tuffnell D, Freeman DJ, Wright J, Whitelaw DC, Sattar N. *Diabetologia*. 2014 Dec;57(12):2492-500.
154. Apgar score and the risk of cause-specific infant mortality: a population-based cohort study. Iliodromiti S, Mackay DF, Smith GC, Pell JP, **Nelson SM**. *Lancet*. 2014 Nov 15;384(9956):1749-55.
155. Reply of the authors. **Nelson SM**, Iliodromiti S, Anderson RA. *Fertil Steril*. 2014 Jul;102(1):e2.
156. Associations of blood pressure change in pregnancy with fetal growth and gestational age at delivery: findings from a prospective cohort. Macdonald-Wallis C, Tilling K, Fraser A, **Nelson SM**, Lawlor DA. *Hypertension*. 2014 Jul;64(1):36-44.
157. Prediction of gestational diabetes in obese pregnant women from the UK Pregnancies Better Eating and Activity (UPBEAT) pilot trial. Maitland RA, Seed PT, Briley AL, Homby M, Thomas S, Pasupathy D, Robson SC, **Nelson SM**, Sattar N, Poston L; UPBEAT trial consortium. *Diabet Med*. 2014 Aug;31(8):963-70.
158. Reply: GnRH agonist triggering in high-risk patients. Iliodromiti S, **Nelson SM**. *Hum Reprod*. 2014 Jul;29(7):1598-9.
159. Infant body composition and adipokine concentrations in relation to maternal gestational weight gain. Estampador AC, Pomeroy J, Renström F, **Nelson SM**, Mogren I, Persson M, Sattar N, Domellöf M, Franks PW. *Diabetes Care*. 2014 May;37(5):1432-8.
160. A single-centre evaluation of two new anti-Müllerian hormone assays and comparison with the current clinical standard assay. Welsh P, Smith K, **Nelson SM**. *Hum Reprod*. 2014 May;29(5):1035-41.
161. A complex intervention to improve pregnancy outcome in obese women; the UPBEAT randomised controlled trial. Briley AL, Barr S, Badger S, Bell R, Croker H, Godfrey KM, Holmes B, Kinnunen TI,

**Nelson SM**, Oteng-Ntim E, Patel N, Robson SC, Sandall J, Sanders T, Sattar N, Seed PT, Wardle J, Poston L. *BMC Pregnancy Childbirth*. 2014 Feb 18;14:74.

162. The predictive accuracy of anti-Müllerian hormone for live birth after assisted conception: a systematic review and meta-analysis of the literature. Iliodromiti S, Kelsey TW, Wu O, Anderson RA, **Nelson SM**. *Hum Reprod Update*. 2014 Jul-Aug;20(4):560-70.
163. The physiology and clinical utility of anti-Mullerian Hormone in women. Dewailly D, Andersen CY, Balen A, Broekmans F, Dilaver N, Fanchin R, Griesinger G, Kelsey TW, La Marca A, Lambalk C, Mason H, **Nelson SM**, Visser JA, Wallace WH, Anderson RA. *Hum Reprod Update*. 2014 May-Jun;20(3):370-85.
164. Reference range for the antimüllerian hormone Generation II assay: a population study of 10,984 women, with comparison to the established Diagnostics Systems Laboratory nomogram. **Nelson SM**, Iliodromiti S, Fleming R, Anderson R, McConnachie A, Messow CM. *Fertil Steril*. 2014 Feb;101(2):523-9.

## 2013

165. Impact of GnRH agonist triggering and intensive luteal steroid support on live-birth rates and ovarian hyperstimulation syndrome: a retrospective cohort study. Iliodromiti S, Lan VT, Tuong HM, Tuan PH, Humaidan P, **Nelson SM**. *J Ovarian Res*. 2013 Dec 26;6(1):93.
166. Prenatal exposures and anti-Mullerian hormone in female adolescents: the Avon Longitudinal Study of Parents and Children. Fraser A, McNally W, Sattar N, Anderson EL, Lashen H, Fleming R, Lawlor DA, **Nelson SM**. *Am J Epidemiol*. 2013 Nov 1;178(9):1414-23.
167. Hypertensive disorders of pregnancy and cardiometabolic health in adolescent offspring. Fraser A, **Nelson SM**, Macdonald-Wallis C, Sattar N, Lawlor DA. *Hypertension*. 2013 Sep;62(3):614-20.
168. Consistent high clinical pregnancy rates and low ovarian hyperstimulation syndrome rates in high-risk patients after GnRH agonist triggering and modified luteal support: a retrospective multicentre study. Iliodromiti S, Blockeel C, Tremellen KP, Fleming R, Tournaye H, Humaidan P, **Nelson SM**. *Hum Reprod*. 2013 Sep;28(9):2529-36.
169. Developing a complex intervention for diet and activity behaviour change in obese pregnant women (the UPBEAT trial); assessment of behavioural change and process evaluation in a pilot randomised controlled trial. Poston L, Briley AL, Barr S, Bell R, Croker H, Coxon K, Essex HN, Hunt C, Hayes L, Howard LM, Khazaezadeh N, Kinnunen T, **Nelson SM**, Oteng-Ntim E, Robson SC, Sattar N, Seed PT, Wardle J, Sanders TA, Sandall J. *BMC Pregnancy Childbirth*. 2013 Jul 15;13:148.
170. Can anti-Mullerian hormone predict the diagnosis of polycystic ovary syndrome? A systematic review and meta-analysis of extracted data. Iliodromiti S, Kelsey TW, Anderson RA, **Nelson SM**. *J Clin Endocrinol Metab*. 2013 Aug;98(8):3332-40.
171. Anti-müllerian hormone is not associated with cardiometabolic risk factors in adolescent females. Anderson EL, Fraser A, McNally W, Sattar N, Lashen H, Fleming R, **Nelson SM**, Lawlor DA. *PLoS One*. 2013 May 31;8(5):e64510.
172. Gestational weight gain as a risk factor for hypertensive disorders of pregnancy. Macdonald-Wallis C, Tilling K, Fraser A, **Nelson SM**, Lawlor DA. *Am J Obstet Gynecol*. 2013 Oct;209(4):327.e1-17.
173. Predictors of ovarian response in women treated with corifollitropin alfa for in vitro fertilization/intracytoplasmic sperm injection. Polyzos NP, Tournaye H, Guzman L, Camus M, **Nelson SM**. *Fertil Steril*. 2013 Aug;100(2):430-7.
174. Does the time interval between antimüllerian hormone serum sampling and initiation of ovarian stimulation affect its predictive ability in in vitro fertilization-intracytoplasmic sperm injection cycles with a gonadotropin-releasing hormone antagonist? A retrospective single-center study. Polyzos NP, **Nelson SM**, Stoop D, Nwoye M, Humaidan P, Anckaert E, Devroey P, Tournaye H. *Fertil Steril*. 2013 Aug;100(2):438-44.
175. The relationship between anti-Müllerian hormone in women receiving fertility assessments and age at menopause in subfertile women: evidence from large population studies. Dolleman M, Faddy MJ, van Disseldorp J, van der Schouw YT, Messow CM, Leader B, Peeters PH, McConnachie A, **Nelson SM**, Broekmans FJ. *J Clin Endocrinol Metab*. 2013 May;98(5):1946-53.

176. Venous thrombosis during assisted reproduction: novel risk reduction strategies. **Nelson SM**. *Thromb Res*. 2013 Jan;131 Suppl 1:S1-3.
177. Antimüllerian hormone: is the writing on the wall for antral follicle count? **Nelson SM**. *Fertil Steril*. 2013 May;99(6):1563-4.
178. Biomarkers of ovarian reserve. Iliodromiti S, **Nelson SM**. *Biomark Med*. 2013 Feb;7(1):147-58.
179. Biomarkers of ovarian response: current and future applications. **Nelson SM**. *Fertil Steril*. 2013 Mar 15;99(4):963-9.
180. External validation of anti-Müllerian hormone based prediction of live birth in assisted conception. Khader A, Lloyd SM, McConnachie A, Fleming R, Grisendi V, La Marca A, **Nelson SM**. *J Ovarian Res*. 2013 Jan 7;6(1):3.
181. Added value of ovarian reserve testing on patient characteristics in the prediction of ovarian response and ongoing pregnancy: an individual patient data approach. Broer SL, van Disseldorp J, Broeze KA, Dolleman M, Opmeer BC, Bossuyt P, Eijkemans MJ, Mol BW, Broekmans FJ; IMPORT study group. *Hum Reprod Update*. 2013 Jan-Feb;19(1):26-36.
182. The ageing ovary and uterus: new biological insights. **Nelson SM**, Telfer EE, Anderson RA. *Hum Reprod Update*. 2013 Jan-Feb;19(1):67-83.
183. Human labour is associated with a decline in myometrial chemokine receptor expression: the role of prostaglandins, oxytocin and cytokines. Hua R, Pease JE, Cheng W, Sooranna SR, Viney JM, **Nelson SM**, Myatt L, Bennett PR, Johnson MR. *Am J Reprod Immunol*. 2013 Jan;69(1):21-32.
184. Cohort Profile: the Avon Longitudinal Study of Parents and Children: ALSPAC mothers cohort. Fraser A, Macdonald-Wallis C, Tilling K, Boyd A, Golding J, Davey Smith G, Henderson J, Macleod J, Molloy L, Ness A, Ring S, **Nelson SM**, Lawlor DA. *Int J Epidemiol*. 2013 Feb;42(1):97-110.

## 2012

185. Predicting live birth outcomes after in vitro fertilisation. **Nelson SM**, Lawlor DA. *BJOG*. 2012 Dec;119(13):1668.
186. Reproducibility of AMH. Fleming R, **Nelson SM**. *Hum Reprod*. 2012 Dec;27(12):3639-41.
187. Maternal adiposity--a determinant of perinatal and offspring outcomes? Lawlor DA, Relton C, Sattar N, **Nelson SM**. *Nat Rev Endocrinol*. 2012 Nov;8(11):679-88.
188. Associations of existing diabetes, gestational diabetes, and glycosuria with offspring IQ and educational attainment: the Avon Longitudinal Study of Parents and Children. Fraser A, **Nelson SM**, Macdonald-Wallis C, Lawlor DA. *Exp Diabetes Res*. 2012;2012:963735.
189. Interpreting human follicular recruitment and antimüllerian hormone concentrations throughout life. Fleming R, Kelsey TW, Anderson RA, Wallace WH, **Nelson SM**. *Fertil Steril*. 2012 Nov;98(5):1097-102.
190. Blood pressure change in normotensive, gestational hypertensive, preeclamptic, and essential hypertensive pregnancies. Macdonald-Wallis C, Lawlor DA, Fraser A, May M, **Nelson SM**, Tilling K. *Hypertension*. 2012 Jun;59(6):1241-8.
191. Impact of Scotland's smoke-free legislation on pregnancy complications: retrospective cohort study. Mackay DF, **Nelson SM**, Haw SJ, Pell JP. *PLoS Med*. 2012;9(3):e1001175.
192. Associations of pregnancy complications with calculated cardiovascular disease risk and cardiovascular risk factors in middle age: the Avon Longitudinal Study of Parents and Children. Fraser A, **Nelson SM**, Macdonald-Wallis C, Cherry L, Butler E, Sattar N, Lawlor DA. *Circulation*. 2012 Mar 20;125(11):1367-80.
193. The chemokine receptor CCR2 is not required for successful initiation of labor in mice. Menzies FM, Khan AH, Higgins CA, **Nelson SM**, Nibbs RJ. *Biol Reprod*. 2012 Apr 19;86(4):118.
194. Effect of age on decisions about the numbers of embryos to transfer in assisted conception: a prospective study. Lawlor DA, **Nelson SM**. *Lancet*. 2012 Feb 11;379(9815):521-7.
195. Anti-Müllerian hormone: clairvoyance or crystal clear? **Nelson SM**, Anderson RA, Broekmans FJ, Raine-Fenning N, Fleming R, La Marca A. *Hum Reprod*. 2012 Mar;27(3):631-6.

196. Measuring anti-Müllerian hormone for the assessment of ovarian reserve: when and for whom is it indicated? Anderson RA, **Nelson SM**, Wallace WH. *Maturitas*. 2012 Jan;71(1):28-33.
197. Associations of gestational diabetes, existing diabetes, and glycosuria with offspring obesity and cardiometabolic outcomes. Patel S, Fraser A, Davey Smith G, Lindsay RS, Sattar N, **Nelson SM**, Lawlor DA. *Diabetes Care*. 2012 Jan;35(1):63-71.
198. Stretch and inflammatory cytokines drive myometrial chemokine expression via NF-κB activation. Hua R, Pease JE, Sooranna SR, Viney JM, **Nelson SM**, Myatt L, Bennett PR, Johnson MR. *Endocrinology*. 2012 Jan;153(1):481-91.
199. Data-driven assessment of the human ovarian reserve. Kelsey TW, Anderson RA, Wright P, **Nelson SM**, Wallace WH. *Mol Hum Reprod*. 2012 Feb;18(2):79-87.
200. Cardiovascular biomarkers and vascular function during childhood in the offspring of mothers with hypertensive disorders of pregnancy: findings from the Avon Longitudinal Study of Parents and Children. Lawlor DA, Macdonald-Wallis C, Fraser A, **Nelson SM**, Hingorani A, Davey Smith G, Sattar N, Deanfield J. *Eur Heart J*. 2012 Feb;33(3):335-45.
201. Mast cells reside in myometrium and cervix, but are dispensable in mice for successful pregnancy and labor. Menzies FM, Higgins CA, Shepherd MC, Nibbs RJ, **Nelson SM**. *Immunol Cell Biol*. 2012 Mar;90(3):321-9.

## 2011

202. The journey from the old to the new AMH assay: how to avoid getting lost in the values. **Nelson SM**, La Marca A. *Reprod Biomed Online*. 2011 Oct;23(4):411-20.
203. Established preeclampsia risk factors are related to patterns of blood pressure change in normal term pregnancy: findings from the Avon Longitudinal Study of Parents and Children. Macdonald-Wallis C, Tilling K, Fraser A, **Nelson SM**, Lawlor DA. *J Hypertens*. 2011 Sep;29(9):1703-11.
204. Relationships of risk factors for pre-eclampsia with patterns of occurrence of isolated gestational proteinuria during normal term pregnancy. Macdonald-Wallis C, Lawlor DA, Heron J, Fraser A, **Nelson SM**, Tilling K. *PLoS One*. 2011;6(7):e22115.
205. A validated model of serum anti-müllerian hormone from conception to menopause. Kelsey TW, Wright P, **Nelson SM**, Anderson RA, Wallace WH. *PLoS One*. 2011;6(7):e22024.
206. External validation of nomogram for the decline in serum anti-Müllerian hormone in women: a population study of 15,834 infertility patients. **Nelson SM**, Messow MC, McConnachie A, Wallace H, Kelsey T, Fleming R, Anderson RA, Leader B. *Reprod Biomed Online*. 2011 Aug;23(2):204-6.
207. Conventional ovarian stimulation no longer exists: welcome to the age of individualized ovarian stimulation. Nardo LG, Fleming R, Howles CM, Bosch E, Hamamah S, Ubaldi FM, Hugues JN, Balen AH, **Nelson SM**. *Reprod Biomed Online*. 2011 Aug;23(2):141-8.
208. A multicentre evaluation of the new Beckman Coulter anti-Müllerian hormone immunoassay (AMH Gen II). Wallace AM, Faye SA, Fleming R, **Nelson SM**. *Ann Clin Biochem*. 2011 Jul;48(Pt 4):370-3.
209. Maternal and offspring adiposity-related genetic variants and gestational weight gain. Lawlor DA, Fraser A, Macdonald-Wallis C, **Nelson SM**, Palmer TM, Davey Smith G, Tilling K. *Am J Clin Nutr*. 2011 Jul;94(1):149-55.
210. Associations of gestational weight gain with maternal body mass index, waist circumference, and blood pressure measured 16 y after pregnancy: the Avon Longitudinal Study of Parents and Children (ALSPAC). Fraser A, Tilling K, Macdonald-Wallis C, Hughes R, Sattar N, **Nelson SM**, Lawlor DA. *Am J Clin Nutr*. 2011 Jun;93(6):1285-92.
211. Age-related normograms of serum antimüllerian hormone levels in a population of infertile women: a multicenter study. Almog B, Shehata F, Suissa S, Holzer H, Shalom-Paz E, La Marca A, Muttukrishna S, Blazar A, Hackett R, **Nelson SM**, Cunha-Filho JS, Eldar-Geva T, Margalioth EJ, Raine-Fenning N, Jayaprakasan K, McIlveen M, Wunder D, Freour T, Nardo LG, Balasch J, Penarrubia J, Smeenk J, Gnoth C, Godehardt E, Lee TH, Lee MS, Levin I, Gamzu R, Tulandi T. *Fertil Steril*. 2011 Jun;95(7):2359-63.

212. First-trimester circulating 25-hydroxyvitamin D levels and development of gestational diabetes mellitus. Makgoba M, **Nelson SM**, Savvidou M, Messow CM, Nicolaidis K, Sattar N. *Diabetes Care*. 2011 May;34(5):1091-3.
213. Anti-Müllerian hormone-based prediction model for a live birth in assisted reproduction. La Marca A, **Nelson SM**, Sighinolfi G, Manno M, Baraldi E, Roli L, Xella S, Marsella T, Tagliasacchi D, D'Amico R, Volpe A. *Reprod Biomed Online*. 2011 Apr;22(4):341-9.
214. Is placental haemostasis relevant to recurrent implantation failure? **Nelson SM**. *Thromb Res*. 2011 Feb;127 Suppl 3:S93-5.
215. Predicting live birth, preterm delivery, and low birth weight in infants born from in vitro fertilisation: a prospective study of 144,018 treatment cycles. **Nelson SM**, Lawlor DA. *PLoS Med*. 2011 Jan 4;8(1):e1000386.
216. The role of mast cells and their mediators in reproduction, pregnancy and labour. Menzies FM, Shepherd MC, Nibbs RJ, **Nelson SM**. *Hum Reprod Update*. 2011 May-Jun;17(3):383-96.
217. Nomogram for the decline in serum antimüllerian hormone: a population study of 9,601 infertility patients. **Nelson SM**, Messow MC, Wallace AM, Fleming R, McConnachie A. *Fertil Steril*. 2011 Feb;95(2):736-41.

## 2010

218. First-trimester prediction of gestational diabetes mellitus: examining the potential of combining maternal characteristics and laboratory measures. Savvidou M, **Nelson SM**, Makgoba M, Messow CM, Sattar N, Nicolaidis K. *Diabetes*. 2010 Dec;59(12):3017-22.
219. Preeclampsia and gestational hypertension are associated with childhood blood pressure independently of family adiposity measures: the Avon Longitudinal Study of Parents and Children. Geelhoed JJ, Fraser A, Tilling K, Benfield L, Davey Smith G, Sattar N, **Nelson SM**, Lawlor DA. *Circulation*. 2010 Sep 21;122(12):1192-9.
220. Association of maternal weight gain in pregnancy with offspring obesity and metabolic and vascular traits in childhood. Fraser A, Tilling K, Macdonald-Wallis C, Sattar N, Brion MJ, Benfield L, Ness A, Deanfield J, Hingorani A, **Nelson SM**, Smith GD, Lawlor DA. *Circulation*. 2010 Jun 15;121(23):2557-64.
221. Lipotoxicity in obese pregnancy and its potential role in adverse pregnancy outcome and obesity in the offspring. Jarvie E, Hauguel-de-Mouzon S, **Nelson SM**, Sattar N, Catalano PM, Freeman DJ. *Clin Sci (Lond)*. 2010 Apr 28;119(3):123-9.
222. Programming of adiposity in offspring of mothers with type 1 diabetes at age 7 years. Lindsay RS, **Nelson SM**, Walker JD, Greene SA, Milne G, Sattar N, Pearson DW. *Diabetes Care*. 2010 May;33(5):1080-5.
223. Chemokine scavenger D6 is expressed by trophoblasts and aids the survival of mouse embryos transferred into allogeneic recipients. Madigan J, Freeman DJ, Menzies F, Forrow S, **Nelson SM**, Young A, Sharkey A, Moffett A, Graham GJ, Greer IA, Rot A, Nibbs RJ. *J Immunol*. 2010 Mar 15;184(6):3202-12.
224. Maternal metabolism and obesity: modifiable determinants of pregnancy outcome. **Nelson SM**, Matthews P, Poston L. *Hum Reprod Update*. 2010 May-Jun;16(3):255-75.
225. Association of existing diabetes, gestational diabetes and glycosuria in pregnancy with macrosomia and offspring body mass index, waist and fat mass in later childhood: findings from a prospective pregnancy cohort. Lawlor DA, Fraser A, Lindsay RS, Ness A, Dabelea D, Catalano P, Davey Smith G, Sattar N, **Nelson SM**. *Diabetologia*. 2010 Jan;53(1):89-97.
226. Maternal obesity and its relationship with spontaneous and oxytocin-induced contractility of human myometrium in vitro. Higgins CA, Martin W, Anderson L, Blanks AM, Norman JE, McConnachie A, **Nelson SM**. *Reprod Sci*. 2010 Feb;17(2):177-85.
227. Longitudinal assessment of antimüllerian hormone during pregnancy-relationship with maternal adiposity, insulin, and adiponectin. **Nelson SM**, Stewart F, Fleming R, Freeman DJ. *Fertil Steril*. 2010 Mar 1;93(4):1356-8.

## 2009

228. Short- and long-term strategies for the management of hypertensive disorders of pregnancy. Huda SS, Freeman DJ, **Nelson SM**. *Expert Rev Cardiovasc Ther*. 2009 Dec;7(12):1581-94.
229. Erythrocytosis in offspring of mothers with Type 1 diabetes--are factors other than insulin critical determinants? **Nelson SM**, Freeman DJ, Sattar N, Lindsay RS. *Diabet Med*. 2009 Sep;26(9):887-92.
230. Placental structure in type 1 diabetes: relation to fetal insulin, leptin, and IGF-I. **Nelson SM**, Coan PM, Burton GJ, Lindsay RS. *Diabetes*. 2009 Nov;58(11):2634-41.
231. The effect of progesterone on myometrial contractility, potassium channels, and tocolytic efficacy. Anderson L, Martin W, Higgins C, **Nelson SM**, Norman JE. *Reprod Sci*. 2009 Nov;16(11):1052-61.
232. Low AMH and GnRH-antagonist strategies. **Nelson SM**, Fleming R. *Fertil Steril*. 2009 Aug;92(2):e40.
233. Fear of childbirth according to parity, gestational age and obstetric history. Teoh PJ, **Nelson SM**. *BJOG*. 2009 Jun;116(7):1005.
234. Prophylaxis of VTE in women - during assisted reproductive techniques. **Nelson SM**. *Thromb Res*. 2009;123 Suppl 3:S8-S15.
235. Serial changes in adiponectin and BNP in ACS patients: paradoxical associations with each other and with prognosis. Ang DS, Welsh P, Watt P, **Nelson SM**, Struthers A, Sattar N. *Clin Sci (Lond)*. 2009 Jun 2;117(1):41-8.
236. Anti-Müllerian hormone-based approach to controlled ovarian stimulation for assisted conception. **Nelson SM**, Yates RW, Lyall H, Jamieson M, Traynor I, Gaudoin M, Mitchell P, Ambrose P, Fleming R. *Hum Reprod*. 2009 Apr;24(4):867-75.
237. Vascular dysfunction and alteration of novel and classic cardiovascular risk factors in mothers of growth restricted offspring. Kanagalingam MG, **Nelson SM**, Freeman DJ, Ferrell WR, Cherry L, Lowe GD, Greer IA, Sattar N. *Atherosclerosis*. 2009 Jul;205(1):244-50.

## 2008

238. Adiponectin, diabetes, and coronary heart disease in older persons: unraveling the paradox. Sattar N, **Nelson SM**. *J Clin Endocrinol Metab*. 2008 Sep;93(9):3299-301.
239. The potential role of heparin in assisted conception. **Nelson SM**, Greer IA. *Hum Reprod Update*. 2008 Nov-Dec;14(6):623-45.
240. Prostaglandins in labor--a translational approach. Khan AH, Carson RJ, **Nelson SM**. *Front Biosci*. 2008 May 1;13:5794-809.
241. Role of adiponectin in matching of fetal and placental weight in mothers with type 1 diabetes. **Nelson SM**, Freeman DJ, Sattar N, Lindsay RS. *Diabetes Care*. 2008 Jun;31(6):1123-5.
242. Polycystic ovarian syndrome, biomarkers, and metformin: research, risk, and reality. Sattar N, **Nelson SM**. *J Clin Endocrinol Metab*. 2008 Jan;93(1):34-6.
243. Effect of femto to nano molar concentrations of prostaglandin analogues on pregnant rat uterine contractility. Khan AH, Ashwani A, Javed T, **Nelson SM**, Carson RJ. *Eur J Pharmacol*. 2008 Feb 26;581(1-2):185-90.
244. First and third trimester ultrasound in the prediction of birthweight discordance in dichorionic twins. Banks CL, **Nelson SM**, Owen P. *Eur J Obstet Gynecol Reprod Biol*. 2008 May;138(1):34-8.

## 2007

245. Thromboembolic events in pregnancy: pharmacological prophylaxis and treatment. **Nelson SM**, Greer IA. *Expert Opin Pharmacother*. 2007 Dec;8(17):2917-31.
246. Inflammation and endothelial activation is evident at birth in offspring of mothers with type 1 diabetes. **Nelson SM**, Sattar N, Freeman DJ, Walker JD, Lindsay RS. *Diabetes*. 2007 Nov;56(11):2697-704.

247. IGF-1 and leptin associate with fetal HDL cholesterol at birth: examination in offspring of mothers with type 1 diabetes. **Nelson SM**, Freeman DJ, Sattar N, Johnstone FD, Lindsay RS. *Diabetes*. 2007 Nov;56(11):2705-9.
248. Serum anti-Müllerian hormone and FSH: prediction of live birth and extremes of response in stimulated cycles--implications for individualization of therapy. **Nelson SM**, Yates RW, Fleming R. *Hum Reprod*. 2007 Sep;22(9):2414-21.
249. Obesity and reproduction: impact and interventions. **Nelson SM**, Fleming R. *Curr Opin Obstet Gynecol*. 2007 Aug;19(4):384-9.
250. Inflammatory pathways in the mechanism of parturition. Norman JE, Bollapragada S, Yuan M, **Nelson SM**. *BMC Pregnancy Childbirth*. 2007 Jun 1;7 Suppl 1:S7.
251. The preconceptional contraception paradigm: obesity and infertility. **Nelson SM**, Fleming RF. *Hum Reprod*. 2007 Apr;22(4):912-5.

## 2006

252. Hypertensive disorders of pregnancy: preventative-, immediate- and long-term management. **Nelson SM**, Greer IA. *Expert Rev Pharmacoecon Outcomes Res*. 2006 Oct;6(5):541-54.
253. Thrombophilia and the risk for venous thromboembolism during pregnancy, delivery, and puerperium. **Nelson SM**, Greer IA. *Obstet Gynecol Clin North Am*. 2006 Sep;33(3):413-27.
254. Artificial reproductive technology and the risk of venous thromboembolic disease. **Nelson SM**, Greer IA. *J Thromb Haemost*. 2006 Aug;4(8):1661-3.
255. Pregnancy-associated plasma protein A and alpha-fetoprotein and prediction of adverse perinatal outcome. Smith GC, Shah I, Crossley JA, Aitken DA, Pell JP, **Nelson SM**, Cameron AD, Connor MJ, Dobbie R. *Obstet Gynecol*. 2006 Jan;107(1):161-6.

## 2005

256. Rescue of the hypoplastic lung by prenatal cyclical strain. **Nelson SM**, Hajivassiliou CA, Haddock G, Cameron AD, Robertson L, Olver RE, Hume R. *Am J Respir Crit Care Med*. 2005 Jun 15;171(12):1395-402.

## 2003

257. Evolution of a percutaneous fetoscopic access system for single-port tracheal occlusion. Hajivassiliou CA, **Nelson SM**, Dunkley PD, Cameron AD, Frank TG, Cuschieri A, Haddock G. *J Pediatr Surg*. 2003 Jan;38(1):45-50.

## 1994

258. TNF Nco-I RFLP is not an independent risk factor in rheumatoid arthritis. Campbell DA, **Nelson S**, Madhok R, Field M, Gallagher G. *Eur J Immunogenet*. 1994 Dec;21(6):461-7.