#### **CURRICULUM VITAE**

Name: Mr Kim Hinshaw MB BS FRCOG

#### PRESENT & RECENT APPOINTMENTS:

Consultant Obstetrician & Gynaecologist, South Tyneside & Sunderland NHS Foundation Trust (1994-present)

Director of Research & Innovation (2010-Sept 2020)

Associate Medical Director (Research & Innovation)- (2016-Sept 2020)

Departmental Research Lead (Obstetrics & Gynaecology) - (2009-present)

Address: Department of Obstetrics & Gynaecology, Sunderland Royal Hospital, Kayll Road, Sunderland SR4 7TP

**Honorary Visiting Professor** 

Faculty of Health Sciences and Wellbeing

University of Sunderland

**QUALIFICATIONS:** 

Qualifications: MBBS (University of Newcastle upon Tyne; 1982) FRCOG (1998)

#### MEMBERSHIP OF SPECIALIST SOCIETIES OR ASSOCIATIONS/COMMITTEE MEMBERSHIP & CHAIRMANSHIP:

### **Clinical/Training interests**

High risk pregnancy / Fetal medicine

Intrapartum obstetrics (complex)

Preterm labour - offer regional referral service for transabdominal cervico-isthmic cerclage

Proctor/Supervisor for TAC procedure

Preceptor for RCOG Labour Ward ATSMs

Obstetric skills/drills training

**Human Factors training** 

## **Research commitments**

NIHR NETSCC Research Submissions - Invited reviewer

Trial Steering Committees:

- i) TSC NIHR HS&DR Project 14/70/73 Interactional practices of decision-making during childbirth in maternity units. York. (2017-20)
- ii) Can Promoting <u>A</u>wareness <u>F</u>etal movements and <u>F</u>ocussing <u>I</u>nterventions <u>R</u>educe <u>F</u>etal <u>M</u>ortality (AFFIRM) a stepped wedge cluster randomised trial? University of Edinburgh. Funded: Chief Scientist Office, Scot Gov. (2013-17)
- iii) Chair TSC SOLVE (Dilipan for Induction of Labour). (2020-21)
- iv) Member TSC OptiBreech Care Trial Physiological Vaginal Breech Delivery. Dr Shawn Walker (2021-).
- v) Independent Member TSC FERN: Intervention or Expectant Management for Early Onset Selective Fetal Growth Restriction in Monochorionic Twin Pregnancy) Prof A Khalil (2021-)

# **Previous positions**

Clinical Strategic Research Theme Lead - NIHR CRN Executive Committee, Northeast & N Cumbria Clinical Research Network (April 2014 - Sept 2020); QI Clinical Lead (2016-Sept 2020)

Trust Representative, NIHR NE & N Cumbria CRN Partnership Group (2016-Sept 2020)

Executive Lead (Specialty Groups & Networking), Northumberland, Tyne & Wear, CLRN (2012-14)

NIHR Early Pregnancy CSG (2011-16)

NIHR Fetal Medicine CSG (2011-16)

NIHR Intrapartum Clinical Studies Group member (2011-15)

Member - Trial Steering Committees:

- i) OBS2 Trial Steering Committee (2014-16): Fibrinogen concentrate to treat postpartum haemorrhage OBS2 Study. University of Cardiff.
- ii) UK Pregnancy Better Eating and Activity Trial (UPBEAT). St Thomas', London. UK National Institute for Health Research (NIHR) Programme grant (2013-15)
- iii) Chair TSC SOLVE Dilipan RCT. Birmingham, UK (2020-present)
- iv) Member TSC Optibreech 1 (2020-present)
- v) Member TSC FERN (selective FGR management in MC twins)

## **Training commitments**

British Maternal & Fetal Medicine Society (BMFMS), Education Lead, Executive Committee (2014-present)

Course Development Lead & Course Director - RCOG 2-day Clinical Leadership course (2016-present)

Faculty Chair for BIRTH2 maternity training programme, Baby Lifeline National Charity (2014-)

- Finalist RCM Annual Midwifery Awards 2016 Best Charity Initiative Award 'Reducing Avoidable Harm to Mother& Baby'. London, 8 March 2016
- Finalist HSJ Annual Awards 2015 'Improving Outcomes through Learning & Development'. London, November 2015

Member & immediate past-Chair, Pre-hospital Obstetric Emergency Training (POET UK) Working Group (2012-present)

Member RCOG Faculty of Medical Educators (tier IV) - (2015-)

Co-Chair, JRCALC National Ambulance Obstetric guidance review group (2016-18)

RCOG Education Facility Design Group (invited member) (2016-18)

Past Vice Chair, Managing Obstetric Emergencies and Training (MOET) UK Working Group, (2000-18)

Member HEE NE Faculty of Patient Safety, Executive committee (2015-17)

Invited Member - RCOG Working Group - 'Delivering safe patient care' (2015-16)

RCOG representative, Academy of Royal Medical Colleges - Task & Finish Group: QI in the curriculum' (2014-16)

Past-Chair, RCOG National Specialty Education Advisory Committee (2007-10)

Past-Chair, RCOG National Curriculum Committee (2010-14)

RCOG Lead for National Harmonised Recruitment (2007-15)

Past Chair, Advanced Life Support in Obstetrics (ALSO) UK

# **Professional**

RCOG Curriculum Review group (2021-)

RCOG representative - St John Ambulance, External Expert Panel (2019-20==present)

RCOG representative - Joint Royal Colleges Ambulance Liaison Committee (JRCALC) - (2015- present)

Visiting Professor, University of Sunderland - nominated by Hospital Trust Board (November 2014-present)

Chair, UKOSS National Steering Committee (2016-present), Member (2011-16)

Medical Advisor, Baby Lifeline Charity (2005 - present)

Medical Advisor (Obstetrics & Gynaecology), Swinfen Telemedicine Charitable Trust (2005 - present)

President, North of England Obstetrical & Gynaecological Society (2017-18)

RCOG Clinical Lead - Cheshire & Merseyside Partnership Vanguard Evaluation Advisory Group (2017-18)

Invited Member - OAA/NPEU Collaborative Quality and Outcomes Working Group (2017-18)

Invited Member - RCOG HEALTH award - OASI Care Bundle - Clinical Advisory Group (2016-18)

Invited Member - Health Improvement Scotland - Review Team for Ayrshire Maternity Unit, University Hospital

Crosshouse, NHS Ayrshire & Arran (Adverse Events) - (2016-17)

Invited Member - James Lind Alliance: Miscarriage 'Priority Setting Partnerships' Steering Group (2015-17)

North East & N Cumbria AHSN - Telehealth Implementation Working Group (2015)

NHS England Messaging Enabled Care Services (MECS) - Clinical Telehealth Advocate - national winner 2014

Member UK Reference Group for Simple Telehealth (Telemessaging) 2014

Ministry of Defence, National Civilian Consultant Advisor to the British Army - Obstetrics & Gynaecology (2009-18)

RCOG representative, UK Joint Royal Colleges Ambulance Liaison Committee (JRCALC) (2014-present)

Honorary Life Member, Obstetric Anaesthetists' Association (26 March 2010)

RCOG National Specialty Lead, UK Harmonised Recruitment for Obstetrics & Gynaecology (2007-14)

Past-member Executive Committee, Association of Early Pregnancy Units [AEPU] (2007-13)

Membership of Specialist Societies: AEPU, BMFMS, OAA

### **Charity Trustee**

Grace House North East - Member Trustee Board (2016-) Website: www.gracehouse.co.uk/

Advanced Life Support Group (ALSG) - Member Trustee Board (2004 - present) Website: www.alsg.org

Advanced Life Support in Obstetrics (ALSO) UK - Member Trustee Board (2007-15)

## **Other Trust positions**

Associate Medical Director (Research & Innovation) (2016-2020)

Chair: Research Management & Governance Group (2010-2020)

Member ST&S Research & Innovation Executive

Member CHS Commercial forum (2015-2020)

Member CHS Ethics group (2014-2020)

Member CHS Sunderland Care Academy Steering Group (2014-2020)

Member University of Sunderland - CHS Partnership Group (2012-2020)

# **RESEARCH & INNOVATION EXPERIENCE:**

## Research grants

2020 - Co-applicant: (Lead Associate Professor Dimitrios Siassakos, London)

NIHR HTA Programme - ROTATE - NIHR127818 - Rotation of the fetal head at full cervical dilatation (£2 200 000)

2018 - Co-applicant: (Lead Professor Sara Kenyon, Birmingham)

NIHR HTA Programme - iHOLDS - Induction of labour with standard vs high dose oxytocin.

2016 - Co-applicant: (Lead Professor Andrew Weeks, Liverpool)

NIHR HTA Programme - Commissioned call - Carboprost vs oxytocin as the first line treatment of primary postpartum haemorrhage (reference number 16/16/06)

COPE: The Carboprost or Oxytocin Postpartum haemorrhage Effectiveness study (£1 800 000)

2016 - Co-applicant: (Lead: Professor Arri Cooomarasamy, Birmingham)

NIHR HTA Programme (reference number 15/160/02)

A randomised trial of mifepristone and misoprostol versus misoprostol alone in the medical management of missed miscarriage: The MIFEMISO trial University of Birmingham - recruiting (£1 740 000)

2014 - Co-applicant (Lead: Professor Marian Knight, UKOSS, NPEU, Oxford)

NIHR HTA Programme (reference number 13/96/07)

Prophylactic ANtibiotics for the prevention of infection following Operative Delivery (ANODE) - £1 306 203 - ongoing

2014 - Co-applicant : (Lead: Professor Arri Cooomarasamy, Birmingham)

NIHR HTA Programme (reference number 12/167/26)

Effectiveness of progesterone to prevent miscarriage in women with early pregnancy bleeding: a randomised placebo-controlled trial (PRISM Trial: PRogesterone In Spontaneous Miscarriage Trial) - £1 750 000 - completed

2014 - Research Bursary: BMFMS. To support Stillbirth study with University of Sunderland - £1 000 - completed

2012 - Co-applicant (Lead: Prof Khaled Ismail, Birmingham).

The Health Foundation - SHINE 2012.

MedaPhor® Assessment in Specialist Training and its Economic Recompense Study (MASTERS): Use of virtual reality simulation for transvaginal ultrasound scan training - £75 000 - completed

#### Baby Lifeline & Merck Charitable Foundation (USA) grant

2018 - Educational grant - "Saving Babies' Lives in the North East of England" - USD100,000 to train600 maternity professionals in skills training. Co-applicant.

#### Department of Health - The Maternity and Neonatal Safety Innovation Fund 2016-17

2016/17 - to assess feasibility of linking the 'CAPL' maternity app to two hospital information systems - awarded £10,000 for 3 month feasibility pilot during 2017/18 - ongoing

## Health Education England (HEE) - Maternity Safety Training Fund

2016/17 - Embedding an obstetric SimMom multidisciplinary training programme across two obstetric units - awarded £100,000 to fund SimMom Hi-Fidelity training with x8 courses during 2017/18

#### Baby Lifeline & Merck Charitable Foundation (USA) grant

2015 - Development of an obstetric SimMom multidisciplinary training programme - USD 50,000 to fund SimMom Hi-Fidelity training manikin and PROMPT trainer. Course content developed. Pilot courses were run and fully evaluated Oct/Nov 2016. Collaborative training & research project with University of Sunderland - ongoing

## Northeast & North Cumbria AHSN grant

2014 - Evaluation of telehealth monitoring in pregnancy using a multimatrix, multipartner model. (Dr J Rees, Professor Scott Wilkes - co-applicants) - £76 500 - completed

### NHS England Simple Teleheath - Clinical Leadership & Engagement grant

2014 - Collaborative Telehealth project with Veteran's Association, Washington DC - £6 000

# National/Regional awards

November 2018 - Bright Ideas in Healthcare Regional Awards - Innovation Team of the Year - shortlisted Finalist November 2017 - Bright Ideas in Healthcare Regional Awards - SimMom South of Tyne Collaborative - Maternity Team Training - shortlisted for 'Best Educational Initiative' 2017

January 2015 - Care Quality Commission Report, City Hospitals Sunderland - Telehealth project awarded 'outstanding' rating

October 2014 - E-Health Insider (EHI) National Awards, London. Finalist - 'Best use of IT to support clinical treatment and care' - Messaging Enabled Care Services in Pregnancy.

November 2013 - NHS Innovations North 'Bright Ideas' Awards - finalist. Telehealth home monitoring in pregnancy (PIH and GDM)

November 2011 - Association of Early Pregnancy Units Annual meeting - Dubin 'Early Pregnancy Unit of the Year'

#### Other work

Lead for CHS O&G research team; actively recruiting into portfolio trials (2009 - present) Oversea Editor; Hong Kong Journal of Gynaecology, Obstetrics and Midwifery

Independent Scientific Reviewer - NUTH clinical trials

Peer reviewer (journals - ongoing): BJOG, TOG, EJOG&RB, IJGO, JO&G, Acta Obstet Gynecol Scand, British Journal of Sports Medicine.

1995 - Lead applicant - NHS grant holder & CI for multicentre RCT on oxytocin augmentation - £150 000.

Peer reviewer for NIHR programme grants (2015-)

# PUBLICATIONS, ORAL & POSTER RESEARCH PRESENTATIONS (2010-2022):

### **Peer-reviewed Journal articles**

Mullins E et al (on behalf of <u>PAN-COVID investigators</u> and the National Perinatal COVID-19 Registry Study Group. Pregnancy and neonatal outcomes of COVID-19: coreporting of common outcomes from PAN-COVID and AAP-SONPM registries. Ultrasound Obstet Gynecol 2021; 57: 573-581. DOI: 10.1002/uog.23619

<u>RECOVERY Collaborative Group</u>. Azithromycin in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial. Lancet ((2021 Feb) 13;397(10274):605-612. https://doi.org/10.1016/S0140-6736(21)00149-5

Hodgetts-Morton V, Hewitt CA, Jones L, Leighton L, Pilarski N, Molloy E, Hinshaw K, Norman J, Waugh J, Stock S, Thornton J, Toozs-Hobson P, Johnston T, Coomarasamy A, Thangaratinam S, Mol B, Pajkrt E, Marlow N, Roberts T, Middleton L, Brocklehurst P, Morris K. C-STICH2: emergency cervical cerclage to prevent miscarriage and preterm birth — study protocol for a randomised controlled trial. Trials (2021) 22:529-39. <a href="https://doi.org/10.1186/s13063-021-05464-6">https://doi.org/10.1186/s13063-021-05464-6</a>

Magee LA, Singer J, Lee T, Rey E et al (the CHIPS Study Group). The impact of pre-eclampsia definitions on the identification of adverse outcome risk in hypertensive pregnancy - analyses from the CHIPS trial (Control of Hypertension in Pregnancy Study). BJOG 2020; Published online 23 November 2020 https://doi.org/10.1111/1471-0528.16602

Chu JJ, Devall AJ, Beeson LE, Hardy P, Cheed V, Sun Y, Roberts TE, Ogwulu CC, Jones LL, Ph.D., Jennifer H. La Fontaine Papadopoulos JH, Bender-Atik R, <u>Hinshaw K</u>, Choudhary M et al. A randomized placebo-controlled trial of mifepristone and misoprostol versus misoprostol alone for the management of missed miscarriage. Lancet (2020): 396: 770-78. https://doi.org/10.1016/S0140-6736(20)31788-8

Coomarasamy A, Devall AJ, Brosens JJ, Quenby S, Stephenson MD, Sierra S, Christiansen OB, Small R, Brewin J, Roberts TE, Harb h, Noordali H, Papadopoulou A, Eapen A, Prior M, Di Renzo GC, <u>Hinshaw K</u>, Mol BW, Lumsden MA, Khalaf Y, Shennan A, Ross J, Al-Memar M, Bennett P, Bourne T, Rai R, Regan L, Gallos IS. Micronized vaginal progesterone to prevent miscarriage: a critical evaluation of randomized evidence. AJOG (2020) *Available online 31 January 2020*; https://doi.org/10.1016/j.ajog.2019.12.006

Okeke Ogwulu CB, Goranitis I, Devall AJ, Cheed V, Gallos ID, Middleton LJ, Harb HM, Williams HM, Eapen A, Daniels JP, Ahmed A, Bender-Atik R, Bhatia K, Bottomley C, Brewin J, Choudhary M, Crosfill F, Deb S, Duncan WC, Ewer AK, <u>Hinshaw K</u>, Holland T, Izzat F, Johns J, Lumsden M, Manda P, Norman JE, Nunes N, Overton CE, Kriedt K, Quenby S, Rao S, Ross J, Shahid A, Underwood M, Vaithilingham N, Watkins L, Wykes C, Horne AW, Jurkovic D, Coomarasamy A, Roberts TE. The Cost-Effectiveness of Progesterone in Preventing Spontaneous Miscarriages: An Economic Evaluation Based on the PRISM Trial. BJOG (2020). *Available online 20 January 2020*. 757-67.

Myriknas S, Papadakis K, <u>Hinshaw K</u>. Optimising non-rotational forceps delivery - the ANterior Early elevation (ANEF) Forceps technique. TOG (2020); RCOG, London. 28 January 2020; <u>https://doi.org/10.1111/tog.12649</u>

McCall SJ, Bunch KJ, Brocklehurst P, D'Arcy R, Hinshaw K, Kurinczuk JJ, Lucas DN, Stenson B, Tuffnell D, Knight M. The incidence, characteristics, management and outcomes of anaphylaxis in pregnancy: a population-based descriptive study. Obstetric Anesthesia Digest: June 2019 - Volume 39 - Issue 2 - p 78-80 doi: 10.1097/01.aoa.0000557663.87409.9f

Bamber JH, Lucas DN, Plaat F, Allin B, Knight M & Collaborators for the OAA Quality & Outcomes Working Group. The identification of key indicators to drive quality improvement in obstetric anaesthesia: results of the Obstetric Anaesthetists' Association/National Perinatal Epidemiology Unit collaborative Delphi project. Anaes (2019); published online 27 October 2019; doi:10.1111/anae.14861

Knight M, Chiocchia V, Partlett C, Rivero-Arias O, Hua X, Bowler U, Gray J, Gray S, <u>Hinshaw K</u>, Khunda A, Moore P, Mottram L, Owino N, Pasupathy N, Sanders J, Sultan AH, Thakar R, Tuffnell D, Linsell L, Juszczak E on behalf of the ANODE Trial Collaborative Group ANODE: a randomised controlled trial of prophylactic ANtibiotics to investigate the prevention of infection, cost and antibiotic use following Operative vaginal Delivery. (2019) HTA Report.

Wagnild JM, <u>Hinshaw K</u>, Pollard TM. 2019. Associations of sedentary time and self-reported television time during pregnancy with incident gestational diabetes and plasma glucose levels in women at risk of gestational diabetes in the UK. BMC Public Health (2019); 19:575. https://doi.org/10.1186/s12889-019-6928-5.

Coomarasamy A, Devall AJ, Cheed V, Harb H, Middleton LJ, Gallos ID, Williams HM, Eapen A, Roberts TE, Ogwulu CB, Goranitis I, Daniels JP, Agwu S, Ahmed A, Bass C, Bender Atik R, Bhatia K, Bottomley C, Brewin J, Choudhary M, Crosfill F, Deb S, Duncan WC, Ewer A, Haerizadeh H, Hinshaw K, Holland T, Izzat F, John J, Lumsden MA, Manda P, Norman JE, Nunes N, Overton CE, Pua Zamora K, Quenby S, Rao S, Ross J, Shahid A, Underwood M, Vaithilingham N, Watkins, L, Wykes C, Horne AW, Jurkovic D. A Randomized Trial of Progesterone in Women with Early Pregnancy Bleeding. N Engl J Med (2019); 380: 1815-24.

Coomarasamy A, Devall AJ, Cheed V, Harb H, Middleton LJ, Gallos ID, Williams HM, Eapen A, Roberts TE, Ogwulu CB, Goranitis I, Daniels JP, Agwu S, Ahmed A, Bass C, Bender Atik R, Bhatia K, Bottomley C, Brewin J, Choudhary M, Crosfill F, Deb S, Duncan WC, Ewer A, Haerizadeh H, Hinshaw K, Holland T, Izzat F, John J, Lumsden MA, Manda P, Norman JE, Nunes N, Overton CE, Pua Zamora K, Quenby S, Rao S, Ross J, Shahid A, Underwood M, Vaithilingham N, Watkins, L, Wykes C, Horne AW, Jurkovic D. HTA report. PRISM - Effectiveness of progesterone to prevent miscarriage in women with early pregnancy bleeding: A randomised placebo-controlled trial. A randomised, double-blind, placebo-controlled, multi-centre trial with economic evaluation. NIHR HTA 12/167/26 (2019).

Knight M, Chiocchia V, Partlett C, Rivero-Arias O, Xinyang Hua; <u>Hinshaw K</u>, Tuffnell D, Linsell L, Juszczak E. ANODE: a randomised controlled trial of prophylactic ANtibiotics to investigate the prevention of infection following Operative vaginal Delivery. Lancet (2019) - Published Online May 13, 2019; <a href="http://dx.doi.org/10.1016/S0140-6736(19)30773-1">http://dx.doi.org/10.1016/S0140-6736(19)30773-1</a>.

Geethanath R, Ahmed I, Abu-Harb M, Onwuneme C, <u>Hinshaw K</u>. Intrapartum antibiotics for prelabour rupture of the membranes (PROM) at term to prevent Group B Streptococcus neonatal infection. JOG (2019) published online 27 March 2019; doi: 10.1080/01443615.2018.1550474

Hayes C, <u>Hinshaw K</u>, Hogg R, Graham Y. Evaluating the contribution of interdisciplinary obstetrics skills and drills emergency training. Brit J Midwifery (2019); 27:167-vi. 10.12968/bjom.2019.27.3.167.

Brogaard L, Hvidman L, <u>Hinshaw K</u>, Kierkegaard O, Manser T, Musaeus P, et al. Development of the TeamOBS-PPH - targeting clinical performance in postpartum hemorrhage. Obstetric Anesthesia Digest (2019); 39(1):32-33. DOI: 10.1097/01.aoa.0000552906.90082.bc

Dreyer FE, Abdulrahman GO, Waring G, <u>Hinshaw K</u>. Placental steroid sulphatase deficiency: an approach to antenatal care and delivery. Ann Saudi Med (2018); 38(6): 445-449. DOI: 10.5144/0256-4947.2018.445

Mohamed-Ahmed O, <u>Hinshaw K</u>, Knight M. Operative vaginal delivery and postpartum infection. Best Practice & Research: Clinical Obstetrics & Gynaecology. Best Pract Res Clin Obstet Gynaecol (2018) - published online 28 Sept 2018; https://doi.org/10.1016/j.bpobgyn.2018.09.005

Knight M, Mottram L, Gray S, Partlett C, Juszczak E, Rivero-Arias O, Enderby H, Tuffnell D, <u>Hinshaw K</u>, Thakar R, Sultan A, Sanders J, Pasupathy D, Moore P, Grey J, Linsell L, Khunda A. Prophylactic antibiotics for the prevention of infection following operative vaginal delivery (ANODE): Study protocol for a randomised controlled trial. Trials (2018) Jul 24;19(1):395. doi: 10.1186/s13063-018-2787-0

Waring G, Sawer S, <u>Hinshaw K</u>. The use of O-ring retractors at Caesarean section: A systematic review and metaanalysis. EJOG & Reprod Biol (2018) 228 209-214.

Chu JJ, <u>Hinshaw K</u>, Paterson-Brown S, Johnston T, Matthews M, Webb J, Sharpe P. Peri-mortem Caesarean Section (Resuscitative Hysterotomy) - Why, When and How. The Obstetrician & Gynaecologist (TOG). (2018) 20(3): 151-8.

Brogaard L, Hvidman L, <u>Hinshaw K</u>, Kierkegaard O, Manser T, Musaeus P, et al. Development of the TeamOBS-PPH - targeting clinical performance in postpartum hemorrhage. Acta Obstet Gynecol Scand (2018) 97(6) 677-687.

Brierley-Jones L, Crawley R, Jones E, Gordon I, Knight J, <u>Hinshaw K</u>. Supporting parents through stillbirth: a qualitative study exploring the views of health professionals and health care staff in three hospitals in England. EJOG & Reprod Biol (2018); 222: 45-51. DOI: <a href="https://doi.org/10.1016/j.ejogrb.2018.01.007">https://doi.org/10.1016/j.ejogrb.2018.01.007</a>

WOMAN trial collaborators. Effect of early tranexamic acid administration on mortality, hysterectomy, and other morbidities in women with post-partum haemorrhage (WOMAN): an international, randomised, double-blind, placebo-controlled trial. Lancet (2017); 389 (10084): 2105-2116. DOI: <a href="http://dx.doi.org/10.1016/S0140-6736(17)30638-4">http://dx.doi.org/10.1016/S0140-6736(17)30638-4</a>

Prior M, Bagness C, Brewin J, Coomarasamy A, Easthope, Hepworth-Jones B, <u>Hinshaw K</u>, O'Toole E, Orford J, Raine-Fenning N, Regan L, Shakespeare J, Small R, Thornton JG, Metcalf L. Priorities for research in miscarriage: a priority setting partnership between people affected by miscarriage and professionals following the James Lind Alliance methodology. BMJ Open 2017;7:e016571. <a href="https://doi:10.1136/bmjopen-2017-016571">https://doi:10.1136/bmjopen-2017-016571</a>

McCall SJ, Bunch KJ, Brocklehurst P, D'Arcy R, Hinshaw K, Kurinczuk JJ, Lucas DN, Stenson B, Tuffnell D, Knight M.

The incidence, characteristics, management and outcomes of anaphylaxis in pregnancy: a population-based descriptive study. BJOG 2017; https://doi.org/10.1111/1471-0528.15041.

Vieira MC, White SL, Patel N, Seed PT et al - on behalf of <u>the UPBEAT Consortium</u>. Prediction of uncomplicated pregnancies in obese women: a prospective multicentre study. BMC Med. 2017 Nov 3;15(1):194. doi: 10.1186/s12916-017-0956-8.

<u>Hinshaw K.</u> Human factors in obstetrics and gynaecology (Ethics & Education). Obstet Gynecol & Reprod Med 2016; 26(12): 368-70.

Burden C, Fox R, <u>Hinshaw K</u>, Draycott TJ, James M Laparoscopic simulation training in gynaecology: Current provision and staff attitudes - a cross-sectional survey. J Obstet Gynaecol. 2016; 36(2):234-40. doi: 10.3109/01443615.2015.1060199.

Sharpe AN, Waring GJ, Rees J, <u>Hinshaw K</u>. Caesarean Section at Maternal Request - the differing views of patients & health care professionals: a questionnaire based study. Eur J Obstet Gynecol & Reprod Biol. 2015; 192: 54 - 60.

Magee LA; <u>CHIPS Study Group</u>, von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A, Gruslin A, Helewa M, Hutton E, Koren G, Lee SK, Logan AG, Ganzevoort JW, Welch R, Thornton JG, Moutquin JM. Control of Hypertension In Pregnancy Study randomised controlled trial-are the results dependent on the choice of labetalol or methyldopa? BJOG 2016;123(7):1135-41. doi: 10.1111/1471-0528.13568. [Epub ahead of print] PMID: 26259808

Magee LA; <u>CHIPS Study Group</u>, von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A, Gruslin A, Helewa M, Hutton E, Koren G, Lee SK, Logan AG, Ganzevoort JW, Welch R, Thornton JG, Moutquin JM. Do labetalol and methyldopa have different effects on pregnancy outcome? Analysis of data from the Control of Hypertension In Pregnancy Study (CHIPS) trial. BJOG 2016;123(7):1143-51. doi: 10.1111/1471-0528.13569. [Epub ahead of print] PMID: 26265372

Magee LA (<u>for the CHIPS Study Group</u>), von Dadelszen P, Singer J, Lee T, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez J, Gafni A, Gruslin A, Helewa M, Hutton E, Lee SK, Logan AG, Ganzevoort W, Welch R, Thornton JG, Moutquin J-M. Can adverse maternal and perinatal outcomes be predicted at the time that hypertension appears? Secondary analyses from the CHIPS (Control of Hypertension In Pregnancy Study) randomised controlled trial. Acta Obstet Gynecol Scand 2016 Feb 24. doi: 10.1111/aogs.12877. [Epub ahead of print] PMID: 26915709

Vidler M, Magee LA, von Dadelszen P, et al the CHIPS (<u>for the CHIPS Trial Collaborative Group</u>). Women's views and postpartum follow-up in the CHIPS Trial (Control of Hypertension in Pregnancy Study). Eur J Obstet Gynecol Reprod Biol. 2016; 206: 105-113.

Magee LA, von Dadelszen P, Singer J, et al (<u>for the CHIPS Trial Collaborative Group</u>). The CHIPS Randomized Controlled Trial (Control of Hypertension in Pregnancy Study) Is severe hypertension just an elevated blood pressure? Hypertension. 2016;68:00-00. DOI: 10.1161/HYPERTENSIONAHA.116.07862.

Ahmed RJ, Gafni A, Hutton EK et al (<u>for the CHIPS Trial Collaborative Group</u>). The Cost Implications of Less Tight Versus Tight Control of Hypertension in Pregnancy (CHIPS Trial). Hypertension. 2016;68:00-00. DOI: 10.1161/HYPERTENSIONAHA.116.07466.

Anderson CR, Gulland J, Abdulrahman Jnr, GO, Johnson J, <u>Hinshaw K</u>. An audit of the provision of information regarding the fetal anomaly scan at Sunderland Royal Hospital (abstract). BJOG 2016; 123(1) Supp: 78-9.

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### Book Chapters & Books (edited)

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Gobbo R, Warren J, <u>Hinshaw K</u>. Shoulder Dystocia. In: ALSO Provider Manual (9<sup>th</sup> edition), Leeman L, Dresang L, Quinlan JD, Magee SR [Eds].AAFP, Kansas, USA. (2021).

Pereira S, <u>Hinshaw K</u>. (2021). Addressing Human Factors in Obstetric Emergencies. In E. Chandraharan & S. Arulkumaran (Eds.), Obstetric and Intrapartum Emergencies: A Practical Guide to Management (pp297-306). Cambridge: Cambridge University Press. doi:10.1017/9781108790932.043

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<u>Hinshaw K.</u> Tranexamic acid for post-partum haemorrhage in the WOMAN trial (Letter). Lancet. 2017 Sep 30;390(10102):1582-1583. doi: 10.1016/S0140-6736(17)31956-6. Epub 2017 Sep 28.

<u>Hinshaw K.</u> What is induction – a response. Letter/comment: Randomized trial of labor induction in women 35 years of age or older. Walker KF et al. NEJM 2016 (March): <a href="https://www.nejm.org/doi/full/10.1056/NEJMoa1509117#t=comments">www.nejm.org/doi/full/10.1056/NEJMoa1509117#t=comments</a>

Lees C, <u>Hinshaw K</u>. Royal College of Obstetricians and Gynaecologists ultrasound training recommendations for trainee obstetricians and gynaecologists. Ultrasound 2010; 18(3):108-109. DOI:10.1258/ult.2010.100012

#### Oral presentations/abstracts (Scientific meetings) – a selection:

Cooper N, Hillman S, <u>Hinshaw K</u>, Siassakos D. Born to Survive: A critical review of out-of-hospital maternal cardiac arrests and pre-hospital perimortem caesarean section (PMCS)/resuscitative hysterotomy (RH). (Oral presentation – Top 500) RCOG World Congress, London, 17-19 June 2019.

Gamblin H, Crudace M, Munteneau A, Joyce T, <u>Hinshaw K</u>. Pilot study to define traction force on the fetus applied during non-rotational forceps delivery. Electronic Poster (Oral presentation). BMFMS Conference, Edinburgh, March 2019. Published in BJOG Special Edition: Abstracts of the British Maternal & Fetal Medicine Society (BMFMS) 21st

Annual Conference 2019. 28th–29th March 2019, Edinburgh, UK

Kenyon S, Brocklehurst P, Ewer AK, Hewston R, <u>Hinshaw K</u>, Johnston T, Middleton L, Sanders J, Waugh J. Shared learning for Clinical Trials of an Investigational Medicinal Product (CTIMPs) - lessons from the High or Low Dose Syntocinon (HOLDS) trial. Electronic Poster (Oral presentation). BMFMS Conference, Edinburgh, March 2019. Published in BJOG Special Edition: Abstracts of the British Maternal & Fetal Medicine Society (BMFMS) 21st Annual Conference 2019. 28th—29th March 2019, Edinburgh, UK

Brogaard L, Hvidman L, <u>Hinshaw K</u>, Kierkegaard O, Musaeus P, Manser T, Arafeh J, Daniels K, Judy A, Uldbjerg N. Team OBS-PPH: A new tool for assessing team performances in postpartum haemorrhage. Oral poster; European Intra-Partum Care Conference, Stockholm; May 26th 2017.

Graham Y, Small PK, Mahawar K, <u>Hinshaw K</u>, Gatiss S, Out HJ, Mansour D. Sexual and reproductive health of women aged 18-50 awaiting bariatric surgery. BJS 2017; 104 (S2): 5–30

McCall S, Bunch K, Brocklehurst P, <u>Hinshaw K</u>, Kurinczuk JJ, Lucas DN, Stenson B, Tuffnell D, Knight M. The incidence and outcomes of anaphylaxis in pregnancy: a UK population-based descriptive study. Int J Obstet Anesth 2016: 25, S1-S54 10.1016/j.ijoa.2016.02.005 (presented orally May 2016).

<u>Hinshaw K.</u> Brierley-Jones L, Crawley R, Gordon I, Jones E, <u>Hinshaw K.</u> Supporting parents through stillbirth: a qualitative, exploratory study involving a range of health care professionals and support staff. Poster presentation: RCOG World Congress, Birmingham, UK. 20-22 June 2016.

<u>Hinshaw K.</u> Simple Telehealth Technology to support home monitoring in gestational diabetes (GDM) & mild pregnancy-induced hypertension (PIH). Invited presentation: AHSN Regional meeting, Sunderland. March 2016.

Anderson CR, Gulland J, Abdulrahman Jnr, GO, Johnson J, Hinshaw K. Women's perceptions of the fetal anomaly scan. Oral presentation – February 2016. British Undergraduates' Society in Obstetrics & Gynaecology, Annual Conference, RCOG, London. 1<sup>st</sup> prize for 'Best Conference Abstract' submission

<u>Hinshaw K</u>. Tactical decision-making – improving team communication. Invited presentation: AAGBI (Association of Anaesthetists of Great Britain) Core Topics. The Civic Centre, Newcastle upon Tyne. March 2016.

<u>Hinshaw K</u>. To err is human – is that good enough? Human factors in obstetrics. Invited presentation. The Royal Society of Medicine, Obstetric Division, London. March 2016.

<u>Hinshaw K.</u> Human Factors – relevance to the labour ward team. Invited presentation: ATSM course, Huntingdon, UK. February 2016.

<u>Hinshaw K.</u> Obstetric haemorrhage - surgical strategies to stop the bleeding. Invited presentation: Obstetric Anaesthetic Association (OAA). 3 Day conference, Church House, London. November 2015.

<u>Hinshaw K.</u> Suboptimal instrument placement at operative vaginal delivery: risk factors, complications & training issues. Invited presentation: Current Issues in Operative Vaginal Delivery - a tribute to Aldo Vacca. RCOG, London. February 2016.

Graham Y, Small P, Wilkes S, <u>Hinshaw K</u>, Gatiss S, Mansour D. Contraception and bariatric surgery. American Society for Metabolic and Bariatric Surgery (ASMBS), 32nd Annual Meeting - 'Obesity Week', Los Angeles, California 2<sup>nd</sup> - 6<sup>th</sup> November 2015.

Graham Y, <u>Hinshaw K</u>, Small P, Gatiss S, Wilkes S, Mansour D. UK sexual and reproductive healthcare professionals' knowledge of bariatric surgical procedures and associated contraceptive practices. International Federation for the Surgery of Obesity and Related Disorders (IFSO), 20<sup>th</sup> World Congress, Vienna. 28<sup>th</sup> August 2015.

<u>Hinshaw K</u>, Nayar R, Emmerson C, Johnson J, Hewitt L, Wilkes S, Rees J, Walker R, Weaver J, Esen U, Mettayil N, Marriott P, Smart J, Allan L, Forbister R, Herdman K, Purvis A.. Evaluation of Telehealth Monitoring in Pregnancy using 'Florence' & a multimatrix, multipartner model - a Northeast & N Cumbria AHSN-funded Collaborative Maternity Innovation Project. British Maternal & Fetal Medicine Society (BMFMS), 17<sup>th</sup> Annual Conference. QEII Centre, London, 23 April 2015 (published as Abstract. BJOG 2015; 122(Supp 2): 1.

Hinshaw K. Telehealth technology in pregnancy care (invited speaker). Technology Enhanced Home Care Forum, UKTCF. Manchester. UK. 16 Oct 2014

Baker A, <u>Hinshaw K</u>, McKenzie C, Prior M, Scrivener K, Watson A, Woodhead N. Transferring to a Single Curriculum. Academy of Medical Educators Academy, Annual Academic Conference, RCOG, London. 22 Oct 2014

<u>Hinshaw K</u>. Home management in pregnancy-induced hypertension. Message Enabled Care Services (MECS) International Conference, Washington DC, USA. 24<sup>th</sup> June 2014.

Marriott P, <u>Hinshaw K</u>, Nayar R, Emmerson C. Development of a Multi Matrix Multi Partner Telehealth Model in Pregnancy Care in South of Tyne and Wear, UK. Third Annual International Congress on Telehealth and Telecare - Innovation, Integration, Implementation. The King's Fund London. July 2013.

Burden C, Lenguerrand E, Fox R, <u>Hinshaw K</u>, Draycott T J, James M. Curriculum development for basic laparoscopic simulation in gynaecology- a modified Delphi consensus study. Joint Deaneries Education Conference, Innovations in Education, UK. October 2012. [Prize for Best Presentation in Simulation Category and Best Presentation at Conference Overall].

Patterson F, Gale T, Rowley D, McKnight L, <u>Hinshaw K</u>, Williams D, MacGregor A, Carr A. Using situational judgement tests for UK postgraduate selection: Validation evidence from seven independent studies. 15<sup>th</sup> Ottawa Conference. Assessment of competence in medicine and the healthcare professionals. Kuala Lumpur, Malaysia. March 2012.

Mayo T, Walker A, <u>Hinshaw K</u>. Patient experience of operative vaginal delivery. 9th RCOG International Scientific Meeting, Athens. September 2011.

#### Poster presentations/abstracts:

Sawati A, <u>Hinshaw K</u>. The assessment and management of hyperemesis gravidarum and nausea and vomiting in pregnancy - an audit. RCOG - Improving The Quality of Women's Healthcare. RCOG, London (poster). October 2017.

Parnell L, Mace D, <u>Hinshaw K</u>. Reducing re-admissions for SSI following caesarean section - a QI initiative. BMFMS Annual Conference (poster), Amsterdam. 30-31 March 2017.

Towse K, Ullal A, <u>Hinshaw K</u>, Matthews N. Maternal outcomes following Kiellands' forceps delivery. BMFMS Annual Conference (poster), Amsterdam. 30-31 March 2017.

McCall S, Bunch K, Brocklehurst P, <u>Hinshaw K</u>, Kurinczuk JJ, Lucas DN, Stenson B, Tuffnell D, Knight M. The incidence and outcomes of anaphylaxis in pregnancy: a UK population-based descriptive survey. 20-22 April 2016, BMFMS Annual Conference, Birmingham, UK.

Fox C, Palmer L, Turner R, <u>Hinshaw K</u>. Healthcare improvement through collaborative research and innovation. Annual CRN North East and North Cumbria Conference 2016 - 'Performing Through Partnership'. Ramside Hall, Durham, 8 March 2016.

Graham Y, Mansour D, <u>Hinshaw K</u>, Wilkes S, Mahawar K, Gatiss S, et al. Comparing Knowledge and Provision of Contraceptive Care By Bariatric Surgical and Sexual and Reproductive Health Practitioners. Surgery for Obesity and Related Diseases 2016.11(6):S131.

Abdulrahman G, Ahmed A, <u>Hinshaw K</u>. An audit of operative vaginal deliveries in a medium-sized obstetric unit in the United Kingdom. FIGO International Conference, Vancouver, Canada, September 2015. *Accepted for presentation* 

<u>Hinshaw K</u>, Nayar R, Emmerson C, Johnson J, Marriott P. Implementing simple telehealth pathways in pregnancy across a clinical network. NE & N Cumbria AHSN Stakeholder Event, Newcastle upon Tyne, UK. 24 Oct 2014.

Nayar R, <u>Hinshaw K</u>, Marriott P. Using a multi-matrix telehealth model in gestational diabetes care. American Diabetes Association, San Francisco 13-16<sup>th</sup> June 2014.

Oates P, Milford D, Chamberlain J, <u>Hinshaw K</u>, Jenkins B, Kirchin V, Hewitt L, Fenwick J, Rigg C. An innovative cross-specialty approach to maximising accrual in industry-sponsored research - the 'OAB' trial (abstract). NE & North Cumbria LCRN, Industry Event, Durham. March 2014.

Yelnoorkar F, Walton E, Ayuk P, Khunda A, Hinshaw K, Brandon H, MacKenzie S, Esen U, Chamberlain J. Impact of

The Reproductive Health and Childbirth Specialty Group. NE & North Cumbria LCRN, Industry Event, Durham. March 2014.

<u>Hinshaw K</u>, Johnston DE, Palmer L. Embedding research as core business - a 'win/win' strategy. Industry Event, Durham. March 2014.

Fitzpatrick K, <u>Hinshaw K</u>, Kurinczuk J, Knight M. Management and Outcomes of HELLP Syndrome in the UK: a Population-based Descriptive Study. BMFMS International Conference, Dublin. April 2013. (Best poster in Maternal Medicine section).

Sharpe A, Alexander G. <u>Hinshaw K</u>. Caesarean Section at Maternal Request - the differing views of patients & health care professionals. BMFMS International Conference, Dublin. April 2013.

Janarthanan C, Ghosh SM, <u>Hinshaw K</u>, Misra U. Effects of epidural analgesia in trial of labour after Caesarean section (TOLAC). SOAP Conference, Monterey, California. May 2012

Sharpe A, <u>Hinshaw K</u>. Provision of information & support to women who request a Caesarean Section (CS) without medical indication. StudAcadMedicSoc National Conference, April 2012

Janarthanan C, Ghosh SM, <u>Hinshaw K</u>, Misra U. Outcomes for trial of labour after Caesarean section (TOLAC) and effect of epidural analgesia. AAGBI, London, April 2012

McKee C, Meneni RD, McPherson M, <u>Hinshaw K</u>. A clinical algorithm for managing pregnancy of unknown location (PUL). AEPU National Conference, Birmingham. November 2011 (Awarded best poster and 'Early Pregnancy Unit of the Year' award).

#### SELECTED PUBLICATIONS etc (pre-2010)

#### Peer-reviewed publications

Sankar A, Hinshaw K. Livedoid vasculopathy and pregnancy. Int J Gynecol Obstet 2009 107: 248-9

<u>Hinshaw K</u>, Simpson S, Cummings S, Hildreth A, Thornton J. A randomised controlled trial of early versus delayed oxytocin augmentation to treat primary dysfunctional labour in primiparous women. BJOG 2008;115:12891296.

Crofts JF, Fox R, Ellis D, <u>Hinshaw K</u>, Draycott T, Training for shoulder dystocia - lessons from 450 simulations. Obstet Gynecol 2008; 112(4): 1-7

Crawley S, Grant S, <u>Hinshaw K</u>. Cognitive changes in pregnancy: mild decline or societal stereotype? App Cog Psych 2008. Online publication (Jan 2008) DOI 10.1002/acp.1427

Woollard M, Simpson H, <u>Hinshaw K</u>, Wieteska S. Training for pre-hospital obstetric emergencies (editorial). Emerg Med J 2008

Ball E, <u>Hinshaw K</u>. The current management of vaginal birth after previous caesarean delivery. The Obstetrician & Gynaecologist 2007; 9: 7782.

<u>Hinshaw K</u>, El-Bishry G, Davison S, Hildreth AJ, Cooper A. Randomised controlled trial comparing three methods of presenting risk of Downs syndrome. Eur J Obstet Gynecol Reprod Biol. 2007 Jul; 133(1): 40-6.

Hinshaw K, Ullal A. Peripartum and intrapartum assessment of the fetus. Anaes Int Care Med 2007 Aug; 8(8): 331-6

<u>GOPEC Consortium (Hinshaw K - co-author)</u>. Babies, pre-eclamptic mothers and grandparents: a three-generation phenotyping study. J Hyperten 2007; 25: 849-54.

GOPEC Consortium (<u>Hinshaw K</u> - co-author). Disentangling fetal and maternal susceptibility for pre-eclampsia: a British multicentre candidate-gene study. Am J Hum Genet 2005; 77: 127-131

Johanson R, Hinshaw K. Better life-saving skills are needed for safer childbirth. Brit J Midwif (2001); 9(4):199-202.

#### **Peer-reviewed National Guidelines**

<u>Hinshaw K</u>, Fayyad A, Munjuluri P. The management of early pregnancy loss. Greentop Clinical Guideline (No 25). RCOG, London. Oct 2006 (18 pages; 74 refs)

#### **Book Chapters etc**

<u>Hinshaw K.</u> Obstetric emergencies. In: Clinical obstetrics & gynaecology. Magowan BA, Owen P. Drife JO (Eds). Saunders Elsevier, Edinburgh (2009) pp 365-78.

<u>Hinshaw K.</u> Shoulder dystocia. In: Managing Obstetric Emergencies and Trauma - the MOET Course Manual (2nd edition). Howell C, Grady K, Cox C (Eds). BMJ publications (2007)

<u>Hinshaw K.</u> Specialty profile: obstetrics and gynaecology. In: The Medical Student Career Handbook. Cottrell E, Rebora C, Williams M (Eds). Radcliffe Publishing, Oxford. (2006) pp74-5