

Committee minutes

Twin and triplet pregnancy Committee meeting 1

Date: 12/12/2017

Location: RCOG, London

Minutes: Draft



Committee members present:		
Anthony Pearson (Chair)		(Present for notes 1 – 12)
Mark Kilby (Topic Advisor)		(Present for notes 1 – 12)
Jane Denton		(Present for notes 1 – 12)
Joanna Fitzsimons		(Present for notes 1 – 12)
Janice Gibson		(Present for notes 1 – 12)
Asma Khalil		(Present for notes 1 – 12)
Helen Turier		(Present for notes 1 – 12)
Marguerite Usher-Somers		(Present for notes 2 – 12)
Sophie Windsor		(Present for notes 1 – 12)

In attendance:		
Nick Staples	NICE Guideline Commissioning Manager	(Present for notes 1 – 8)
Stephanie Arnold	NGA Information Scientist	(Present for notes 1 – 12)
Shona Burman-Roy	NGA Senior Systematic Reviewer	(Present for notes 1 – 12)
Katharina Dworzynski	NGA Guideline Lead	(Present for notes 1 – 12)
Jennifer Francis	NGA Project Administrator	(Present for notes 1 – 3)
Eleanor Howat	NGA Project Manager	(Present for notes 1 – 12)
Paul Jacklin	NGA Health Economist	(Present for notes 1-8)
Laura Kuznetsov	NGA Systematic Reviewer	Present for notes (1-10)
Kenga Sivarajah	NGA Clinical Fellow	(Present for notes 1-8, 10-12)
Fiona Whiter	NGA Systematic Reviewer	(Present for notes 1-12)

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Apologies:

Richard Tubman	Committee member
Melanie Davies	NGA Clinical Advisor

1. Welcome and objectives for the meeting; introductions

The Chair welcomed the Committee members and attendees to the first meeting on Twin and triplet pregnancy. The Committee members and attendees introduced themselves.

The Chair informed the Committee that apologies had been received. These are noted above.

The Chair outlined the objectives of the meeting, which included: committee induction, considering the questions in the guideline scope, and preparing review question protocols.

The committee and other attendees introduced themselves.

2. Confirmation of matter under discussion, and declarations of interest

The Chair confirmed that, for the purpose of managing conflicts of interest, the matter under discussion was twin and triplet pregnancy.

Name	Job title, organisation	Declarations of Interest, date declared	Type of interest	Decision taken
Anthony Pearson	Pearson Associates Management Consultancy	Independent lay adviser for a third party management consultant with Health Education England (HEE) (London and other "deanaries"): <ul style="list-style-type: none">• Joint Royal College of Physicians' Training Board (JRCPTB),• Royal College of Child and Paediatric Health (RCPCH), Oxford Health NHS Foundation Trust (OHFT),• West London Mental Health NHS	Personal, non-financial, non-specific	No further action

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		<p>Trust (WLMHT),</p> <ul style="list-style-type: none"> Her Majesties Court & Tribunal Services (HMCTS) and The Priory Group (Mental Health) 		
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Lead author for the International Society of Ultrasound in Obstetrics & Gynecology (ISUOG) Clinical Standard on the role of ultrasound in the management of twin pregnancy	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Founder of the first UK national registry of complicated multiple pregnancies (funded by the Twin And Multiple Births Association)	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Chair of the Steering Committee of the UK national registry of complicated multiple pregnancies (known as the TTTS Registry)	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Chief Investigator of a commercially sponsored multicentre study "Clinical Evaluation of the IONA® Test for Non-invasive Pre-natal Screening in Twin Pregnancies" (unpaid)	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Chief Investigator on a number of studies related to multiple pregnancy, e.g. UK Early versus late intervention for twin reversed arterial perfusion sequence: an open-label	Personal, non-financial, specific	No further action

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		randomized controlled trial (TRAPIST) trial; and Emergency Cerclage in Twin pregnancies at Imminent Risk of Preterm Birth: an Open-Label Randomised Controlled Trial (ENCIRCLE)		
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Lecture and organise regular educational courses related to multiple pregnancy, both nationally and internationally (unpaid)	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Chair of the TAMBA Maternity Engagement Project Steering Committee (funded by the Department of Health in order to improve the outcomes of Multiple Pregnancies by promoting the implementation of NICE Quality Standard 46 (unpaid)	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Co-chair of the South West London Maternity Network	Personal, non-financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Section Editor for the journal Biomedical Central Pregnancy and Childbirth	Personal, non-financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Member of the Fetal Medicine National Clinical Study Group (leading on multiple pregnancy related studies)	Personal, non-financial, non-specific	No further action

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	University of London			
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Convenor for the MRCOG Part 1 course, Royal College of Obstetricians and Gynaecologists	Personal, non-financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Principal Investigator at St George's Hospital for several NIHR funded studies	Non-personal, financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Collaboration with commercial companies, such as USCOM®, Roche Diagnostics®, Alere Diagnostics® and Proact Medical Ltd® (research equipment and/or consumables; no personal financial gain)	Non-personal, financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Member of the Brighton Collaboration Global Alignment of Immunization Safety Assessment in Pregnancy (GAIA) project, funded by the Bill and Melinda Gates Foundation, Fetal Growth Restriction and Small for Gestational Age Working Groups	Non-personal, financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Member of the Royal College of Obstetricians and Gynaecologists Scientific Advisory Committee	Personal, non-financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and	Member of the International Society of Ultrasound in	Personal, non-financial, non-specific	No further action

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	Maternal Fetal Medicine, St George's Hospital, University of London	Obstetrics and Gynecology (ISUOG) Clinical Standards Committee		
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	The International Society for Twin Studies (ISTS) Board member	Personal, non-financial, specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Expert witness for legal cases involving multiple pregnancies	Personal, financial, specific	Has agreed not to take on any cases that relate to twin and triplet pregnancies during the development of the guideline.
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Private practice (approximately 10 deliveries/year at the Portland Hospital and providing antenatal care at the Harley Street Centre For Women (part of HCA). Approximately 1 delivery would be a multiple pregnancy delivery. [declared on 11.12.2017]	Personal, financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	NHS Innovation Accelerator (NIA) Fellow 2017 [declared on 11.12.2017]	Personal, non-financial, non-specific	No further action
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	Grant in 2017 from TAMBA in collaboration with BMFMS: Emergency Cerclage in Twin pregnancies at Imminent risk of preterm birth: an open label RCT. £20,000.	Non-personal, financial, specific	No further action

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		[declared 12.12.2017]		
Asma Khalil	Consultant and Reader in Obstetrics and Maternal Fetal Medicine, St George's Hospital, University of London	2013: TAMBA growth charts for twin pregnancy. £17,500. [declared 12.12.2017]	Non-personal, financial, non-specific	No further action
Janice Gibson	Consultant Obstetrician, The Queen Elizabeth University Hospital, Glasgow	I have previously developed guidelines for the care of multiple pregnancy within my health board NHS Greater Glasgow and Clyde and within NHS Scotland.	Personal, financial, non-specific	No further action
Sophie Windsor	Consultant Midwife - Complex Care, Lewisham and Greenwich NHS Trust	Paid medico legal work. Unrelated to multiple pregnancy.	Personal, financial, non-specific	No further action
Sophie Windsor	Consultant Midwife - Complex Care, Lewisham and Greenwich NHS Trust	Multiple publications in the British Journal of Midwifery and the British Journal of Obstetricians and Gynaecology. None relating to Multiple Pregnancy	Personal, non-financial, non-specific	No further action
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	RCOG Chairman of the subspecialty training committee in Obstetrics and Gynaecology. Unpaid. (Recruitment)	Personal, non-financial, non specific	No further action
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	Member of RCOG Council until June 2017. Unpaid. (Recruitment)	Personal, non-financial, non-specific	No further action
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	A senior researcher at University of Birmingham and hold grants presently worth £1.8M. This includes a UKOSS grant to investigate epidemiology of single twin demise and a Wiseman Trust grant to investigate screening schemes for the detection of twin to	Non-personal, financial, specific	No further action

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		twin transfusion syndrome and other adverse events in monochorionic twins. University of Birmingham contract. (Recruitment)		
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	Lead the Fetal Medicine & Therapy Centre at Birmingham Women & Children's Foundation Trust. I am the clinical lead and treat >80% of the total complex cases (inc those for fetoscopic laser ablation for TTTS). University of Birmingham and Birmingham Women's Foundation Trust contract. (Recruitment)	Personal, non-financial, non-specific	No further action
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	Part of the international fetal therapy panel advising Illumina on introduction of non-invasive prenatal testing for chromosomal anomalies in pregnancy. Unpaid: apart from travelling expenses. (Recruitment)	Personal, financial, non-specific	No further action
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	Performs medicolegal opinions (up to 20 per year) on aspects of clinical care in fetal medicine : paid.ad hoc	Personal, financial, non-specific	He has agreed not to take on medicolegal work related to twin or triplet pregnancy during the time of guideline development.
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	I am an educational advisor to TAMBA and have taken part in their educational videos and work to improve patient knowledge and access to care for management of	Personal, non-financial, non-specific	No further action

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		complex problems in multiple pregnancy. This is unpaid. (Recruitment)		
Mark Kilby	Professor of Obstetrics and Fetal Medicine, University of Birmingham	Declared 23/11/2017 I am a clinical academic and as such have and receive peer reviewed grant income for research (including research into complicated twin pregnancy). Presentably I hold a grant for £250,000 over three years researching into complications of monochorionic twins.	Non-personal, financial, specific	No further action
Jane Denton	Lay member	I am Director of the Multiple Births Foundation (MBF), a charity which provides information and advice to multiple birth families from diagnosis of a multiple pregnancy through childhood and provides education for healthcare and allied professionals concerned with their care. The services for parents include prenatal meetings to help parents prepare for caring for two or more babies, bereavement counselling and advice about the practical and emotional challenges during childhood and adolescence. Funding for the MBF is mainly through grants from charitable trusts. Currently Imperial College NHS Trust contributes a small monthly payment for the additional information and	Personal, non-financial, specific	No further action

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		support the MBF provides to all women at Queen Charlotte's & Chelsea Hospital with a multiple birth. The MBF does not receive any funding or payment from commercial companies.		
Jane Denton	Lay member	I am a patient and public voice member of the NHS England Clinical Reference Group for Specialised Women's Services.	Personal, non-financial, non-specific	No further action
Jane Denton	Lay member	I am a member of the NHS England IVF Pricing Development Expert Advisory Group and also on the Fertility Fairness Committee which campaigns for equitable NHS funding for IVF based on the full implementation of the NICE Fertility Guideline	Personal, non-financial, non-specific	No further action
Jane Denton	Lay member	I represent the MBF on the Multiple Births Stakeholder Group which is a collaboration of professional and patient organisations working on implementing changes in practice to reduce multiple pregnancies from IVF treatment because of the high mortality and morbidity	Personal, non-financial, non-specific	No further action
Jane Denton	Lay member	I am a lay representative on the project group for the STOPPIT 2 Study to assess whether the use of the Arabin Pessary is effective in reducing preterm birth in twin pregnancies.	Personal, non-financial specific	No further action

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Jane Denton	Lay member	I am co-lead for the newly established Elizabeth Bryan Multiple Births Centre, a collaboration between the MBF and Birmingham City University to provide education and training for professionals and research into the experiences of multiple birth families.	Personal, non-financial, specific	No further action
Nuala Lucas	Consultant Aneasthetist, Northwick Park Hospital	Honorary Secretary of the Obstetric Anaesthetists' Association.	Personal, non-financial, non- specific	No further action
Nuala Lucas	Consultant Aneasthetist, Northwick Park Hospital	I undertake a small amount of private practice in obstetric anaesthesia, remuneration for which is unaffected by anaesthetic intervention or mode of delivery.	Personal, financial, non- specific	No further action
Nuala Lucas	Consultant Aneasthetist, Northwick Park Hospital	Parent to seventeen-year-old twins	Personal, non-financial, specific	No further action
Richard Tubman	Consultant Neonatologist, Regional NICU, Royal Maternity Hospital, Belfast	Education Associate, GMC	Personal, non-financial, non-specific	No further action
Richard Tubman	Consultant Neonatologist, Regional NICU, Royal Maternity Hospital, Belfast	Enhanced Monitoring Associate, GMC	Personal, non-financial, non-specific	No further action
Richard Tubman	Consultant Neonatologist, Regional NICU, Royal Maternity Hospital, Belfast	Honorary Lecturer, Queen's University of Belfast.	Personal, non-financial, non-specific	No further action
Richard Tubman	Consultant Neonatologist, Regional NICU,	Honorary Treasurer and Trustee, Northern Ireland Perinatal Trust	Personal, non-financial,	No further action

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	Royal Maternity Hospital, Belfast	(NIC 101993, HMRC NI00602)	non-specific	
Richard Tubman	Consultant Neonatologist, Regional NICU, Royal Maternity Hospital, Belfast	Medicolegal work as an expert witness in neonatal medicine	Personal, financial, non-specific	Richard has confirmed that he will not take on medico-legal work related to twins whilst the guideline is in development. No further action.
Marguerite Usher-Somers	Specialist sonographer, West Midlands Fetal Medicine Department, Birmingham Women's Hospital	None.		
Joanna Fitzsimons	Midwife, Brighton and Sussex University Hospital (BSUH)	Declared 6.10.2017 Working as consultant Specialist Multiple Birth Midwife employed by TAMBA on the DOH funded Engagement Project.	Personal, financial, non-specific	No further action

The Chair and a senior member of the Developer's team noted that the interests declared did not prevent the attendees from fully participating in the meeting.

The Chair introduced Katharina Dworzynski, NGA Guideline Lead, who gave a presentation on Introduction to the NGA and declarations of interest.

Presentations

3. The Chair introduced Eleanor Howat, NGA Project Manager, who gave a presentation on the NGA travel and expenses policy.

4. The Chair introduced Laura Kuznetsov, NGA Systematic Reviewer, who gave a presentation on the evidence review process.

5. The Chair introduced Stephanie Arnold, NGA Information Scientist, who gave a presentation on information science in guideline development.

6. The Chair introduced Paul Jacklin, NGA Health Economist, who gave a

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presentation on health economics in guideline development.
7. The Chair introduced Katharina Dworzynski, NGA Guideline Lead, who gave a presentation on the role of topic groups.
8. The Chair introduced Shona Burman-Roy, NGA Senior Systematic Reviewer and Katharina Dworzynski, NGA Guideline Lead, who led a discussion with the committee to finalise the draft review questions. The Committee discussed the list of planned review questions and were given the opportunity to ask questions.
9. The Chair introduced Shona Burman-Roy, NGA Senior Systematic Reviewer, who gave a presentation on introducing the PICOs and review protocols.
10. The Chair introduced Laura Kuznetsov, NGA Systematic Reviewer, who gave a presentation on PROTOCOL: 3.1 What is the optimal mode of birth to improve outcomes for mothers and babies in twin and triplet pregnancy?
11. The Chair introduced Shona Burman-Roy, NGA Senior Systematic Reviewer, who gave a presentation on PROTOCOL: 1.1 What is the optimal screening programme to identify fetio-fetal transfusion syndrome (FFTS) in multiple twin and triplet pregnancy?
12. Any other business
The Chair noted that two further guideline meetings have been scheduled for: 31 st May 2018 10 th July 2018

Date of next meeting: 22 & 23/01/2018

Location of next meeting: RCOG, London