

## Aris T. Papageorghiou



I divide my time between being an Associate Professor in Fetal Medicine at the Nuffield Department of Obstetrics and Gynaecology, and Consultant in Fetal Medicine and Obstetrics at St George's Healthcare NHS Trust in London.

I obtained my medical degree at the University of Sheffield and undertook my MD thesis at the University of London, on the prediction of pre-eclampsia using uterine artery Doppler. During this time I was a Research Fellow at the Harris Birthright Research Centre for Fetal Medicine.

Following this I completed my specialisation in Obstetrics and Gynaecology, and undertook subspecialist training in Maternal and Fetal Medicine while a lecturer at St George's, University of London. My clinical and research interests include obstetric ultrasound, normal and abnormal fetal growth, pre-eclampsia and fetal diagnosis and treatment.

### Other active professional duties

Founder Member and Clinical Research Director, Oxford Maternal and Perinatal Health Institute (OMPHI)  
National Chair of the Expert Working Group in Obstetrics and Gynaecology, Health & Social Care Information Centre

Chair of the Scientific Committee *International Society Ultrasound Obs and Gyn*. Oct 2014 to date;

Board member, *International Society Ultrasound Obs and Gyn*. June 2011 to date;

Executive Scientific editor, *BJOG*. June 2006 to date

Editorial board, *Ultrasound in Obstetrics and Gynecology*. January 2008 to date;

Member of the Research Advisory Committee, *Wellbeing of Women*

### Education

1991 – 1996	University of Sheffield MB ChB, 3 <sup>rd</sup> July 1996
1999	MRCOG
2009	MD (University of London)
2007	Certificate of Completion of Specialist Training (Obs and Gyn) Certificate of Completion of Subspecialist Training (Maternal and Fetal Medicine)

### Current appointments

January 2009 – Date	Associate Professor in Fetal Medicine, Nuffield Department of Obstetrics and Gynaecology University of Oxford	(40%)
Feb 2007 – Date	Consultant in Obstetrics and Fetal Medicine St George's Healthcare NHS trust, London	(60%)

## Publications list (25 of 190)

1. Lees CC, Marlow N, van Wassenaer-Leemhuis A, Arabin B, Bilardo CM, Brezinka C, Calvert S, Derks JB, Diemert A, Duvekot JJ, Ferrazzi E, Frusca T, Ganzevoort W, Hecher K, Martinelli P, Ostermayer E, Papageorghiou AT, Schlembach D, Schneider KT, Thilaganathan B, Todros T, Valcamonica A, Visser GH, Wolf H; TRUFFLE study group. 2 year neurodevelopmental and intermediate perinatal outcomes in infants with very preterm fetal growth restriction (TRUFFLE): a randomised trial. *Lancet*. 2015 May 30;385(9983):2162-72.
2. Namburete AI, Stebbing RV, Kemp B, Yaqub M, Papageorghiou AT, Alison Noble J. Learning-based prediction of gestational age from ultrasound images of the fetal brain. *Med Image Anal*. 2015 Apr;21(1):72-86. doi: 10.1016/j.media.2014.12.006.
3. Barros FC, Papageorghiou AT, Victora CG, Noble JA, Pang R, Iams J, Cheikh Ismail L, Goldenberg RL, Lambert A, Kramer MS, Carvalho M, Conde-Agudelo A, Jaffer YA, Bertino E, Gravett MG, Altman DG, Ohuma EO, Purwar M, Frederick IO, Bhutta ZA, Kennedy SH, Villar J; International Fetal and Newborn Growth Consortium for the 21st Century. The distribution of clinical phenotypes of preterm birth syndrome: implications for prevention. *JAMA Pediatr*. 2015 Mar;169(3):220-9.
4. Namburete AI, Yaqub M, Kemp B, Papageorghiou AT, Noble JA. Predicting fetal neurodevelopmental age from ultrasound images. *Med Image Comput Assist Interv*. 2014;17(Pt 2):260-7.
5. Papageorghiou AT, Ohuma EO, Altman DG, Todros T, Cheikh Ismail L, Lambert A, Jaffer YA, Bertino E, Gravett MG, Purwar M, Noble JA, Pang R, Victora CG, Barros FC, Carvalho M, Salomon LJ, Bhutta ZA, Kennedy SH, Villar J; International Fetal and Newborn Growth Consortium for the 21st Century (INTERGROWTH-21st). International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project. *Lancet*. 2014 Sep 6;384(9946):869-79.
6. Villar J, Papageorghiou AT, Pang R, Ohuma EO, Ismail LC, Barros FC, Lambert A, Carvalho M, Jaffer YA, Bertino E, Gravett MG, Altman DG, Purwar M, Frederick IO, Noble JA, Victora CG, Bhutta ZA, Kennedy SH; International Fetal and Newborn Growth Consortium for the 21st Century (INTERGROWTH-21(st)). The likeness of fetal growth and newborn size across non-isolated populations in the INTERGROWTH-21(st) Project: the Fetal Growth Longitudinal Study and Newborn Cross-Sectional Study. *Lancet Diabetes Endocrinol*. 2014;2(10):781-92.
7. Conde-Agudelo A, Bird S, Kennedy SH, Villar J, Papageorghiou AT. First- and second-trimester tests to predict stillbirth in unselected pregnant women: a systematic review and meta-analysis. *BJOG*. 2015 Jan;122(1):41-55. doi: 10.1111/1471-0528.13096.
8. Villar J, Cheikh Ismail L, Victora CG, Ohuma EO, Bertino E, Altman DG, Lambert A, Papageorghiou AT, Carvalho M, Jaffer YA, Gravett MG, Purwar M, Frederick IO, Noble AJ, Pang R, Barros FC, Chumlea C, Bhutta ZA, Kennedy SH; International Fetal and Newborn Growth Consortium for the 21st Century (INTERGROWTH-21st). International standards for newborn weight, length, and head circumference by gestational age and sex: the Newborn Cross-Sectional Study of the INTERGROWTH-21st Project. *Lancet*. 2014 Sep 6;384(9946):857-68.
9. Papageorghiou AT, Kennedy SH, Salomon LJ, Ohuma EO, Cheikh Ismail L, Barros FC, Lambert A, Carvalho M, Jaffer YA, Bertino E, Gravett MG, Altman DG, Purwar M, Noble A, Pang R, Victora CG, Bhutta ZA, Villar J. International standards for early fetal size and pregnancy dating based on ultrasound measurement of crown-rump length in the first trimester. *Ultrasound Obstet Gynecol*. 2014 Jul 8.
10. Napolitano R, Dhami J, Ohuma EO, Ioannou C, Conde-Agudelo A, Kennedy SH, Villar J, Papageorghiou AT. Pregnancy dating by fetal crown-rump length: a systematic review of charts. *BJOG*. 2014 Apr;121(5):556-65.
11. Wanyonyi S, Napolitano R, Ohuma E, Salomon L, Papageorghiou A. Image-scoring system for crown-rump length measurements. *Ultrasound Obstet Gynecol*. 2014 Mar 27.
12. Sarris I, Ohuma E, Ioannou C, Sande J, Altman DG, Papageorghiou AT; International Fetal and Newborn Growth Consortium for the 21st Century (INTERGROWTH-21st). Fetal biometry: how well can offline measurements from three-dimensional volumes substitute real-time two-dimensional measurements? *Ultrasound Obstet Gynecol*. 2013 Nov;42(5):560-70.
13. Conde-Agudelo A, Papageorghiou AT, Kennedy SH, Villar J. Novel biomarkers for predicting intrauterine growth restriction: a systematic review and meta-analysis. *BJOG*. 2013 May;120(6):681-94.
14. Ioannou C, Talbot K, Ohuma E, Sarris I, Villar J, Conde-Agudelo A, Papageorghiou AT. Systematic review of methodology used in ultrasound studies aimed at creating charts of fetal size. *BJOG*. 2012 Nov;119(12):1425-39.
15. Ioannou C, Javaid MK, Mahon P, Yaqub MK, Harvey NC, Godfrey KM, Noble JA, Cooper C, Papageorghiou AT. The effect of maternal vitamin D concentration on fetal bone. *J Clin Endocrinol Metab*. 2012 Nov;97(11):E2070-7.
16. Rijken MJ, Mulder EJ, Papageorghiou AT, Thiptharakun S, Wah N, Paw TK, Dwell SL, Visser GH, Nosten FH, McGready R. Quality of ultrasound biometry obtained by local health workers in a refugee camp on the Thai-Burmese border. *Ultrasound Obstet Gynecol*. 2012 Aug;40(2):151-7.
17. Sarris I, Ioannou C, Chamberlain P, Ohuma E, Roseman F, Hoch L, Altman DG, Papageorghiou AT; International Fetal and Newborn Growth Consortium for the 21st Century (INTERGROWTH-21st). Intra- and interobserver variability in fetal ultrasound measurements. *Ultrasound Obstet Gynecol*. 2012 Mar;39(3):266-73.
18. Villar J, Papageorghiou AT, Knight HE, Gravett MG, Iams J, Waller SA, Kramer M, Culhane JF, Barros FC, Conde-Agudelo A, Bhutta ZA, Goldenberg RL. The preterm birth syndrome: a prototype phenotypic classification. *Am J Obstet Gynecol*. 2012 Feb;206(2):119-23.
19. Rijken MJ, Moroski WE, Kiricharoen S, Karunkonkowitz N, Stevenson G, Ohuma EO, Noble JA, Kennedy SH, McGready R, Papageorghiou AT, Nosten FH. Effect of malaria on placental volume measured using three-dimensional ultrasound: a pilot study. *Malar J*. 2012 Jan 5;11:5.
20. Rijken MJ, Papageorghiou AT, Thiptharakun S, Kiricharoen S, Dwell SL, Wiladphaingern J, Pimanpanarak M, Kennedy SH, Nosten F, McGready R. Ultrasound evidence of early fetal growth restriction after maternal malaria infection. *PLoS One*. 2012;7(2):e31411.
21. Sarris I, Ioannou C, Dighe M, Mitidieri A, Oberto M, Qingqing W, Shah J, Sohoni S, Al Zidjali W, Hoch L, Altman DG, Papageorghiou AT; International Fetal and Newborn Growth Consortium for the 21st Century. Standardization of fetal ultrasound biometry measurements: improving the quality and consistency of measurements. *Ultrasound Obstet Gynecol*. 2011 Dec;38(6):681-7.
22. Conde-Agudelo A, Papageorghiou AT, Kennedy SH, Villar J. Novel biomarkers for the prediction of the spontaneous preterm birth phenotype: a systematic review and meta-analysis. *BJOG*. 2011 Aug;118(9):1042-54.
23. Rijken MJ, Rijken JA, Papageorghiou AT, Kennedy SH, Visser GH, Nosten F, McGready R. *BJOG*. Malaria in pregnancy: the difficulties in measuring birthweight. 2011 May;118(6):671-8.
24. Sarris I, Bottomley C, Daemen A, Pexsters A, Timmerman D, Bourne T, Papageorghiou AT. No influence of body mass index on first trimester fetal growth. *Hum Reprod*. 2010 Aug;25(8):1895-9.
25. Thilaganathan B, Wormald B, Zanardini C, Sheldon J, Ralph E, Papageorghiou AT. Early-pregnancy multiple serum markers and second-trimester uterine artery Doppler in predicting preeclampsia. *Obstet Gynecol*. 2010 Jun;115(6):1233-8.