

PERSONAL DETAILS

NAME	K Jayaprakasan		
CURRENT APPOINTMENT	Hon. Associate Professor & Subspecialist in Reproductive Medicine & Surgery/ Consultant Gynaecologist/ Fertility Lead , Royal Derby Hospital, Derby/ University of Nottingham IVF consultant , NURTURE, Nottingham Email: k.jayaprakasan@nottingham.ac.uk jayaprakasan@hotmail.co.uk		
QUALIFICATIONS	MBBS	May 1994	Calicut, India
	MD (O &G)	Jan 1998	Pune, India
	DNB (O &G)	July 1998	Delhi, India
	MRCOG	Mar 2002	London, UK
	PhD	Aug 2009	Nottingham, UK

CLINICAL EXPERIENCE

- Basic and advanced fertility management and all aspects of Assisted Reproduction treatment
- Advanced expertise in 3D transvaginal ultrasound and related procedures such as HyCoSy, saline infusion sono-hysterography (SISH) and in application of automated 3D US soft-wares in Reproductive Medicine and Gynaecology
- Wide experience in Female Reproductive Endocrinology (PCOS, pituitary/thyroid disorders, Turners syndrome etc), Menopause and hormone replacement therapy and Paediatric/Adolescent Gynaecology
- Medical and surgical management of early pregnancy problems (ectopic, pregnancy of unknown locations and miscarriage)
- Recurrent miscarriage and implantation failure
- Reproductive surgery (Laparoscopic and hysteroscopic surgeries in Reproductive Medicine)
- Experimental work on fertility preservation in young cancer patients

RESEARCH EXPERIENCE

- Award of **PhD** from university of Nottingham based on my extensive research work in ovarian reserve assessment using 3D pelvic ultrasound. The title of my PhD was “**3D ultrasound assessment of ovarian reserve and prediction of ovarian response in women undergoing assisted reproduction treatment (ART)**”.
- Winner of Andrew Hendry Scholarship (2008 -09) from the university of Nottingham in recognition of his PhD work
- Co-ordinated various single centred and multi-centred prospective cohort studies and trials
- First author of many original articles and co-author of various other reviews and original papers in leading fertility journals including Human Reproduction and Fertility & Sterility
- Presented many research papers in national (UK) and international conferences. Winner of the best paper in Reproductive Medicine at the world congress in ultrasound obstetrics and gynaecology, 2007 and 2009 held at Florence, Italy and at Hamburg, Germany respectively.
- First runner up, the best young clinician award, 2008 at the British Fertility Society Meeting, Liverpool, UK
- Invited speaker on ovarian reserve assessment, application of pelvic ultrasound in fertility and related work at various national and international meetings.
- **Invited member on the editorial board of *World Journal of Radiology*** and also a regular peer reviewer for leading fertility and ultrasound journals, “*Human Reproduction*”, “*Reproductive Biomedicine Online*”, “*Fertility Sterility*” “*Ultrasound in Obstetrics and Gynaecology*” and *International journal of women’s health*.

TEACHING EXPERIENCE

- Actively involved in Nottingham University’s undergraduate programme (MBBS), Masters (MMedSci) course in Assisted Reproduction Technology and MRCOG Part 2 Course for the last three years through the delivery of interactive lectures, supervising their research projects and by examining them through OSCEs.

PEER REVIEWED PUBLICATIONS

Akhtar MA, Eljabu H, Hopkisson J, Raine-Fenning N, Quenby S and **Jayaprakasan K**, (2013) Aspirin and Heparin as Adjuvants during IVF do not improve live birth rates in unexplained implantation failure Reproductive BioMedicine online (accepted).

Jayaprakasan K, Chan YY, Islam R, Haoula Z, Hopkisson J, Coomarasamy A and Raine-Fenning N (2012) Prediction of IVF outcome at different antral follicle count thresholds in a prospective cohort of 1012 women, Accepted for publication in Fertility and Sterility.

Jayaprakasan K, Sahu B, Thornton J and Raine-Fenning N (2012) Surgical intervention versus expectant management for endometrial polyps in subfertile women (Protocol) Cochrane Database of Systematic Reviews 2012, Issue 1.

Akhtar M, Sur S, Raine-Fenning N, **Jayaprakasan K**, Thornton JG, Quenby S (2011) Heparin for assisted reproduction (Protocol). Cochrane Database of Systematic Reviews 2011, Issue 11

- Chan, Y. Y. **Jayaprakasan, K.** Tan, A. Thornton, J. G. Coomarasamy, A. Raine-Fenning, N. J. (2011) Reproductive outcomes in women with congenital uterine anomalies: a systematic review and meta-analysis *Ultrasound Obs & Gynae Epub* 2011/08/11
- Chan, Y. Y. **Jayaprakasan, K.** Zamora, J. Thornton, J. G. Coomarasamy, A. Raine-Fenning, N. J. (2011) The prevalence of congenital uterine anomalies in unselected and high-risk populations: a systematic review *Hum Reprod Update Epub* 2011/06/28
- Swanton, A. Lighten, A. Granne, I. McVeigh, E. Lavery, S. Raine-Fenning, N. **Jayaprakasan, K.** Child, T. Do women with ovaries of polycystic morphology without any other features of PCOS benefit from short-term metformin co-treatment during IVF? A double-blind, placebo-controlled, randomized trial *Human Reproduction* 26: 2178-84
- Almog, B. Shehata, F. Suissa, S...**Jayaprakasan, K.** Gamzu, R. Tulandi, T (2011) Age-related normograms of serum antimüllerian hormone levels in a population of infertile women: a multicenter study *Fertility Sterility* 95: 2359-63
- Jayaprakasan K,** Chan YY, Sur S, Deb S, Clewes J and Raine-Fenning N (2011) The prevalence of uterine anomalies and their impact upon early pregnancy in women conceiving following undergoing assisted reproduction treatment *Ultrasound Obs & Gynae* 37:727-32
- Deb S, **Jayaprakasan K,** Clewes J, Campbell BK, and Raine-Fenning NJ (2010) The interovarian variation in three-dimensional ultrasound markers of ovarian reserve in women undergoing baseline investigation for subfertility *Fertility & Sterility* (Epub ahead of print).
- Sahu B, Oztutrk O, Serhal P, **Jayaprakasan K** (2010) Do ovarian reserve tests predict miscarriage in women undergoing assisted reproduction treatment? *European Journal of Obstetrics and Gynaecology* 153:181-4.
- Jayaprakasan K,** Hopkisson J, Campbell B, Johnson I, Thornton J and Raine-Fenning N (2010) A randomized controlled trial of 300 versus 225 IU recombinant FSH for ovarian stimulation in predicted normal responders by antral follicle count. *BJOG* 117: 853-62.
- Jayaprakasan K,** Deb S, Batcha M, Hopkisson JF, Johnson IR, Campbell BK, and Raine-Fenning NJ (2010) The cohort of antral follicles measuring 2-6 mm reflects the quantitative status of ovarian reserve as assessed by anti-Müllerian hormone and response to controlled ovarian stimulation *Fertility & Sterility* 94:1775-81.
- Sur S, **Jayaprakasan K,** Jones N, Clewes J, Winter B, Cash N, Campbell B and Raine-Fenning N (2010) A Novel Technique for the Semi-Automated Measurement of Embryo Volume: An Intraobserver Reliability Study. *Ultrasound Med Biol.* 36: 719-725.
- Jayaprakasan K,** Campbell BK, Hopkisson JF, Johnson IR, and Raine-Fenning NJ (2010): A prospective, comparative analysis of anti-Müllerian hormone, inhibin-B, and three-dimensional ultrasound determinants of ovarian reserve in the prediction of poor response to controlled ovarian stimulation *Fertility & Sterility* 93: 855-64.
- Raine-Fenning N, **Jayaprakasan K,** Deb S, Clewes J, Joergner I, Dehghani Bonaki S, & Johnson I (2009) Automated follicle tracking improves measurement reliability, facilitates standardization, and may improve work flow in the patients undergoing controlled ovarian stimulation as part of assisted reproduction treatment. *Reproductive Biomed Online* 18:658-63.
- Jayaprakasan K,** Jayaprakasan R, Al-Hasie HA, Clewes JS, Campbell BK, Johnson IR and Raine-Fenning NJ (2009) Can quantitative three-dimensional power Doppler angiography be used to predict ovarian hyperstimulation syndrome prior to the administration of gonadotrophins? *Ultrasound Obstet Gynecol* 33:583-91.
- Deb S, Batcha M, Campbell BK, **Jayaprakasan K,** Clewes JS, Hopkisson JF, Sjoblom C, Raine-Fenning NJ (2009) The predictive value of the automated quantification of the number and size of small antral follicles in women undergoing ART. *Hum Reprod* 24:2124-32.
- Tomlinson, MJ, Nayeem A, **Jayaprakasan K,** Jayaprakasan R, Simpson, T, Newton T, Pooley K, Hopkisson J and Pridmore A (2010) Development of Novel tracking algorithms for use in a Computer Assisted Sperm Analysis (CASA) system. *Fertility & Sterility* 93:1911-20.
- Raine-Fenning N, Deb S, **Jayaprakasan K,** Clewes J, Hopkisson, Campbell B (2010) The timing of oocyte maturation and egg collection during controlled ovarian stimulation: a randomised controlled trial evaluating manual and automated measurements of follicle diameter *Fertility & Sterility* 94: 184-8.

Jones NW, Raine-Fenning NJ, **Jayaprakasan K**, Mousa HA, Taggart MJ, Bugg GJ(2009) Changes in myometrial perfusion during normal labour as visualized by three-dimensional power Doppler angiography. *Ultrasound Obstet Gynecol.* 33:307-12.

Deb S, **Jayaprakasan K**, Campbell BK, Clewes JS, Johnson IR, Raine-Fenning NJ (2009) Intraobserver and interobserver reliability of automated antral follicle counts made using three-dimensional ultrasound and SonoAVC. *Ultrasound Obstet Gynecol* 33:477-83.

Jayaprakasan K, Al-Hasie HA, Jayaprakasan R, Campbell BK, Hopkisson JF, Johnson IR and Raine-Fenning NJ (2009) The three-dimensional ultrasonographic ovarian vascularity of women developing poor ovarian response during Assisted Reproduction Treatment and its predictive value. *Fertility Sterility* 92: 1862-69.

Raine-Fenning N, **Jayaprakasan K**, Chamberlain S, Devlin L, Priddle H, & Johnson I Automated measurements of follicle diameter: a chance to standardize? *Fertility & Sterility* 91:1469-72.

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JC, Johnson IR, and Raine-Fenning NJ (2008): Effect of pituitary desensitisation on the early growing follicular cohort estimated using Anti-Mullerian Hormone. *Human Reproduction* 23: 2577-83.

Raine-Fenning N, **Jayaprakasan K** & Deb S (2008): Three-dimensional ultrasonographic characteristics of endometriomata. *Ultrasound Obstet Gynecol* 31:718-724.

Raine-Fenning N, **Jayaprakasan K**, Clewes J, Joergner I, Bonaki SD, Chamberlain S, Devlin L, Priddle H & Johnson I (2008) SonoAVC: a novel method of automatic volume calculation. *Ultrasound Obstet Gynecol* 31:691-696.

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JS, Johnson IR, Raine-Fenning NJ (2008) Establishing the intercycle variability of three-dimensional ultrasonographic predictors of ovarian reserve. *Fertility & Sterility* 90: 2126-32.

Jayaprakasan K, Hopkisson JF, Campbell BK, Clewes JS, Johnson IR, Raine-Fenning NJ (2008) Quantification of the effect of pituitary down-regulation on 3D ultrasound predictors of ovarian response. *Human Reproduction* 23: 1538-44.

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JS, Johnson IR, Raine-Fenning NJ (2008) Three-dimensional ultrasound improves the interobserver reliability of antral follicle counts and facilitates increased clinical work flow. *Ultrasound Obstet Gynecol* 31:439-44.

Jayaprakasan K, Hilwah N, Kendall N, Hopkisson JF, Campbell BK, Johnson IR, Raine-Fenning NJ (2007) Does 3D ultrasound offer any advantage in the pre-treatment assessment of ovarian reserve and prediction of outcome after assisted reproduction treatment? *Human Reproduction* 22: 1932-41.

Jayaprakasan K, Walker KF, Clewes JS, Johnson IR, Raine-Fenning NJ (2007) The interobserver reliability of off-line antral follicle counts made from stored three-dimensional ultrasound data; a comparative study of different measurement techniques. *Ultrasound Obstet Gynecol* 29: 335-41.

Raine-Fenning N, **Jayaprakasan K** & Clewes J (2007) Automated follicle tracking facilitates standardization and may improve work flow. *Ultrasound Obstet Gynecol* 30:1015-18.

Palep-Singh M, **Jayaprakasan K** & Hopkisson J (2007) Peripartum group A streptococcal sepsis: a case report. *J Reprod Med* 52:977-8.

Jayaprakasan K, Herbert M., Moody E., Stewart JA & Murdoch AP (2007) Estimating the risks of ovarian hyperstimulation syndrome (OHSS): implications for egg donation for research. *Hum Fertil (Camb)* 10:183-7.

Khan AM, Dawlatly B, Khan D, Paepre-Rochricht K, **Jayaprakasan K**. (2004) Is Cervical Pessary an answer to preterm delivery? *Journal of Obstetrics & Gynaecology* 24: 176-7.

PUBLISHED REVIEWS & TEXT BOOK CHAPTERS

K. Jayaprakasan and S. Panchal, Editing a book titled “**Ultrasound in Subfertility: routine application and diagnostic challenges**”, currently the chapters are being written by internationally recognized authors

A. Varghese, P. Sjoblom and **K. Jayaprakasan**, Editing a text book titled ‘**A practical guide to setting up an IVF lab**’ currently in the editing process (Jaypee Publishers).

Jayaprakasan K & Hopkisson J: Assisted Reproduction Treatment. a chapter in Gynaecology (2010), 4th Edition (Edited by Shaw R, Soutter W and Stanton S).

Jayaprakasan K & Raine-Fenning NJ. How to manage patients who do not respond to pituitary suppression with gonadotrophin releasing hormone agonist treatment. In Sharif & Coomarasmay ed: Clinical Challenges in Assisted Reproduction Treatment; in press

Haoula Z, Deshpande R, **Jayaprakasan K**, Raine-Fenning N (2012): Doppler imaging in the diagnosis of ovarian disease Expert Opinion on Medical Diagnostics 6: 59-73

Haoula Z, **Jayaprakasan K**, Raine-Fenning N (2011): Assessment of ovarian function RAD magazine 37, 430, 13-14

Jayaprakasan K, Deb S, Sur S, Lam P, Batcha M, Porter N, Winter B, Clewes J, Raine-Fenning N (2010): Ultrasound and its role in Assisted Reproduction Treatment. Imaging in Medicine 2: 135-150

Jayaprakasan K & Raine-Fenning N: Ultrasonographic markers of implantation. A chapter in Ultrasonographic markers in Reproduction. 2010

Coyne L, **Jayaprakasan K** & Raine-Fenning NJ (2008) Three-dimensional ultrasound in gynecology and reproductive medicine. Future Medicine 4: 501-516.

Jayaprakasan K, Deb S & Raine-Fenning N (2008) Imaging in Assisted Reproduction. The European Journal of Obstetrics and Gynecology 1: 43-47.

Walker K, **Jayaprakasan K**, Raine-Fenning NJ (2007) Ultrasound in Benign Gynaecology Obstetrics, Gynaecology & Reproductive Medicine 17: 33-44

FREE COMMUNICATIONS

J. Murray, J. Hopkisson, B. Campbell, N. Raine-Fenning & **Jayaprakasan K**, Prediction of egg share donors using antral follicle count 27th Annual Meeting ESHRE 2011 July, Stockholm

K. Jayaprakasan, Chan YY, Islam R, Haoula Z, Clewes J, Hopkisson J, Campbell B and Raine-Fenning N Prediction of IVF outcome at different cut-off levels of antral follicle count in a prospective cohort of 1012 women. 20th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2010), 10-14 Oct, Prague.

Jayaprakasan K, Deb S, Batcha M, Hopkisson JF, Johnson IR, Campbell BK, and Raine-Fenning NJ Correlation of antral follicle cohorts of different sizes with anti-Müllerian hormone and other endocrine markers of ovarian reserve. 19th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2009), 13 – 16 Sept., Hamburg, Germany.

Jayaprakasan K, Clewes J, Deb S, Chan YY, Sjoblom C and Raine-Fenning NJ The prevalence of uterine anomalies and their impact on early pregnancy in women undergoing assisted reproduction treatment. 19th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2009), 13 – 16 Sept., Hamburg, Germany **Won the prize for best free communication.**

Jayaprakasan K, Deb S, Batcha M, Hopkisson JF, Johnson IR, Campbell BK, and Raine-Fenning NJ The cohort of antral follicles measuring 2-6 mm reflects the quantitative status of ovarian reserve as assessed by anti-Müllerian hormone 25th Annual Meeting ESHRE 2009 29 June – 1 July, Amsterdam, Netherlands

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JC, Johnson IR, and Raine-Fenning NJ (2008): Effect of pituitary desensitisation on the early growing follicular cohort estimated using Anti-Müllerian Hormone. BFS summer congress 2008 (**runner up at the best BFS young clinician session**), 3-4 Sept, Liverpool, UK.

Jayaprakasan K, Al-Hasie HA, Jayaprakasan R, Campbell BK, Hopkisson JF, Johnson IR and Raine-Fenning NJ. Can quantitative 3D power Doppler angiography be used to predict poor response and ovarian hyperstimulation syndrome during Assisted Reproduction Treatment? 18th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2008), 24 – 28 August, Chicago, USA

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JS, Johnson IR & Raine-Fenning N. The intercycle variability of ovarian blood flow in an IVF population. 18th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2008), 24 – 28 August, Chicago, USA

Deb S, **Jayaprakasan K**, Clewes JS, Johnson IR & Raine-Fenning N. A comparative study of manual and automated methods for assessment of antral follicle number. 18th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2008), 24 – 28 August, Chicago, USA

Deb S, **Jayaprakasan K**, Clewes JS, Johnson IR & Raine-Fenning N. Three-dimensional Ultrasound Determinants of Ovarian Reserve (TUDOR): an inter-ovarian comparative study. 18th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2008), 24 – 28 August, Chicago, USA

Raine-Fenning N, **Jayaprakasan K**, Deb S, Clewes JS & Johnson IR Automated three-dimensional follicular measurements increase the clinical work flow in an IVF programme. 18th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2008), 24 – 28 August, Chicago, USA

Jayaprakasan K, Clewes J, Johnson I, & Raine-Fenning N. Three-dimensional Ultrasound Facilitates Increased Clinical Work Flow and Improves Interobserver Reliability of Antral Follicle Counts. 93rd Scientific Assembly and Annual Meeting of The Radiological Society of North America (RSNA 2007) November 25–30 - McCormick Place, Chicago, Illinois, USA

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JS, Johnson IR & Raine-Fenning N. The intercycle variability of three-dimensional ultrasound determinants of ovarian reserve in an IVF population. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2007), 7 – 11 October, Florence, Italy

Jayaprakasan K, Campbell BK, Hopkisson JF, Clewes JS, Johnson IR & Raine-Fenning N Three-dimensional ultrasound improves work flow and provides a more reliable assessment of the number of antral follicles in patients with subfertility. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2007), 7 – 11 October, Florence, Italy

Jayaprakasan K, Hopkisson JF, Campbell BK, Clewes JS, Johnson IR & Raine-Fenning NJ. Quantification of the effect of pituitary desensitization on 3D ultrasound predictors of ovarian response and treatment outcome in patients undergoing IVF. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2007), 7 – 11 October, Florence, Italy ***Won the prize for best free communication***

Raine-Fenning NJ, **Jayaprakasan K**, Clewes JS, Joergner I, Bonaki SD, Chamberlain S, Devlin L, Priddle H & Johnson IR Establishing the validity of a new technique that facilitates automated follicular volume measurement. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2007), 7 – 11 August, Florence, Italy ***Won the prize for best oral presentation***

Raine-Fenning NJ, **Jayaprakasan K**, Clewes JS, Joergner I, Bonaki SD, Chamberlain S, Devlin L, Priddle H & Johnson IR The accuracy and variability of manual and automated measurements of follicular diameter. 17th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2007), 7 – 11 October, Florence, Italy

INVITED ORAL PRESENTATIONS

Fertility and Ovarian Ageing. Meeting for Paediatric endocrinologists, 12 August 2008, Birmingham.

Ultrasound assessment of ovarian reserve. Updates in Reproductive Medicine Symposium: ovarian reserve, Midlands fertility society meeting, 31 October 2008, Shrewsbury.

3D ultrasound in Reproductive Medicine. Third Annual international congress of the special care centre of the fetus, Alshaim University, 26 – 27 November 2008, Cairo, Egypt.

Assessment of ovarian reserve. Third Annual international congress of the special care centre of the fetus, Alshaim University, 26 – 27 November 2008, Cairo, Egypt.

Ovarian reserve assessment. Annual meeting of the gynaecology club of the UK, 18-19 March 2010, Nottingham, UK

Antral follicle count: Evidence for a standardized approach. Indian Society of Assisted Reproduction annual meeting, Cochin, India, 10-11 April, 2010

Follicle count and endometrial assessment in Assisted Reproduction Treatment. British Fertility Society pelvic ultrasound study day, London, UK 9 – 10 June 2010

Assessment of ovarian function and reserve by three-dimensional ultrasound. British Medical Ultrasound Society (BMUS) annual conference, Brighton 28-30 Sept 2010

Clinical applications of three-dimensional ultrasound in gynaecology. British Medical Ultrasound Society (BMUS) annual conference, Brighton 28-30 Sept 2010

Ultrasound markers of ovarian reserve / Anti-Müllerian Hormone (AMH) as a marker of ovarian ageing/ 3D in Gynaecology – Luxury or Necessity?/ Implantation failure – can imaging help?/ Congenital malformations of the Genital tract: How ultrasound is rewriting the Textbook

54th All India conference on Obstetrics and Gynaecology (AICOG), Hyderabad, India 5-9 January 2011.

Ultrasound in Gynaecology and Reproductive Medicine work shop, Kuwait, April 2011

Prediction of ovarian response during IVF/ 3D ultrasound in Reproductive Medicine

2nd national conference in Infertility, HoChiMin city, Vietnam, August 2011

Ultrasound and infertility Early Pregnancy and Gynaecological Ultrasound Course, RCOG, London, Sept 2011

Is DHEA a miracle drug for poor responders?/ Using ultrasound to select stimulation protocols/ Is routine ovarian testing necessary?- Moderated a panel (international & national speakers) discussion ISAR (Indian Society of Assisted Reproduction) annual conference; **Raipur, India**- 1st to 4th March 2012

Ovarian stimulation for ART: Prediction and protocols/ Monitoring of cycles – current approach & recent advances/ Implantation failure: Evidence based management/ Application of advanced ultrasound in reproductive medicine / Hands on ultrasound practical work shop
Sincere-LIFE ART workshop 2012 (**Singapore**- 7th to 9th March 2012)

Two talks: **Should uterine fibroids and endometriosis be treated prior to ART?** And **Recent advances in diagnosis and management of PCOS** at **RCOG 10th International Scientific Congress**, 5-8 June 2012, **Kuching, Malaysia**.

At **ESHRE 2012**, pre-congress workshop, a talk on **‘do ovarian reserve test predict miscarriage following ART?’** 1-4 July 2012, **Istanbul, Turkey**

At **Hyderabad 2012** (international conference on infertility), I have talked on **“biomarkers to define ovarian stimulation protocols”, “ultrasound monitoring of ovarian stimulation”** and **“Doppler in Gynaecology”**. I was also part of panel discussion on **“PUL-management”**

POSTER PRESENTATIONS

Kapoor D, Hopkisson J, Raine-Fenning N **Jayaprakasan K**, Prevalence of endometrial polyp and its effect on live birth rates in women undergoing ART 2012 6-7 Jan Leeds, UK.

Kapoor D, Hopkisson J, Raine-Fenning N **Jayaprakasan K**, Prevalence of unsuccessful pituitary down-regulation in women undergoing assisted reproduction treatment using long GnRH agonist protocol 2012 6-7 Jan Leeds, UK.

Phoophitphong, Hopkisson J, Campbell B, Raine-Fenning N **Jayaprakasan K**, The Effect of Gonadotrophin Dose Change During Ovarian Stimulation on IVF Outcomes in Predicted Normal Responders BFS conference 2012 6-7 Jan Leeds, UK.

Eliabu H, Hopkisson J, Campbell B, Raine-Fenning N **Jayaprakasan K**, Aspirin and Heparin as adjuvants to IVF treatment BFS conference 2012 6-7 Jan Leeds, UK.

Jayaprakasan K, Nardo L, Campbell B and Raine-Fenning N Relationship of antral follicle count with AMH and ovarian response is similar for 2D and 3D ultrasound techniques. 26th Annual Meeting ESHRE 2010 25-28 June, Rome, Italy

Jayaprakasan K, Clewes J, Deb S, Porter N, Winter B and Raine-Fenning NJ Correlation of 3D power Doppler indices of ovarian vascularity with pulse wave Doppler indices of ovarian stromal vessels. 19th World Congress on Ultrasound in Obstetrics and Gynecology (ISUOG 2009), 13 – 16 Sept., Hamburg, Germany

Sahu B, **Jayaprakasan K**, Ranierrri M and Serhal P Do ovarian reserve tests predict miscarriage in women undergoing assisted reproduction treatment? 25th Annual Meeting ESHRE 2009 29 June – 1 July, Amsterdam, Netherlands

Jayaprakasan K, Campbell BK, Hopkisson JF, Johnson IR, Thornton JG and Raine-Fenning NJ A randomized controlled trial of 300 versus 225 IU recombinant FSH for ovarian stimulation in predicted normal responders by antral follicle count Fertility 2009, 6 – 7 January, Edinburgh

Tomlinson, MJ, Nayeem A, **Jayaprakasan K**, Jayaprakasan R, Simpson, T, Newton T, Pooley K, Hopkisson J and Pridmore A. Development of Novel tracking algorithms for use in a Computer Assisted Sperm Analysis (CASA) system. Fertility 2009, 5 -7 Jan, Edinburgh, UK.

Jayaprakasan K, Campbell BK, Hopkisson JF, Johnson IR, and Raine-Fenning NJ A prospective analysis of Anti-Mullerian Hormone, Inhibin-B and Antral Follicle Count as predictors of poor response to controlled ovarian stimulation. 24th Annual Meeting ESHRE 2008 6 – 9 July, Barcelona, Spain

Jayaprakasan K, Jayaprakasan R, Al-Hasie HA, Clewes JS, Campbell BK, Johnson IR and Raine-Fenning NJ. Quantification of Pre-Treatment Ovarian Vascularity Using Three-Dimensional Power Doppler To

Predict Ovarian Hyperstimulation Syndrome during Assisted Reproduction Treatment. 55th Annual Scientific Meeting of the Society for Gynecologic Investigation (SGI) 2008 26-28 March, San Diego, USA.

Jayaprakasan K, Al-Hasie HA, Jayaprakasan R, Campbell BK, Hopkisson JF, Johnson IR and Raine-Fenning NJ. Quantification of Three-Dimensional Ovarian Ultrasound Characteristics of Women Developing Poor Ovarian Response during Assisted Reproduction Treatment. 55th Annual Scientific Meeting of the SGI 2008 26-28 March, San Diego, USA.

Jayaprakasan K, Hilwah N, Kendall NR, Hopkisson JF, Campbell BK, Johnson IR, and Raine-Fenning NJ Does three-dimensional ultrasound offer any advantage in the prediction of outcome after assisted reproduction treatment? 23rd Annual Meeting ESHRE 2007 1 – 4 July, Lyon, France

Jayaprakasan K, Walker KF, Clewes JS, Johnson IR & Raine-Fenning NJ: Three-dimensional ultrasound and image rendering offer no advantage over conventional imaging in the measurement of the antral follicle count. Biennial Joint Meeting of the UK Fertility Societies 2007 15-18 April, York, UK

Jayaprakasan K, Herbert M, Moody E, Stewart JA, Murdoch AP Incidence and risks of Ovarian Hyperstimulation Syndrome in women undergoing Assisted Reproduction Treatment. Biennial Joint Meeting of the UK Fertility Societies 2007 15-18 April, York, UK

Jayaprakasan K, Moran P, Wren C Pregnancy outcome for antenatally detected Atrioventricular septal defect compared with those diagnosed after birth. 10th annual conference of British Maternal and Fetal Medicine society, 2005 April Nottingham, UK.

Jayaprakasan K & Moran P Atrioventricular Septal Defect: Antenatal detection of isolated compared with non-isolated cases. SpROG conference, 2004 June Birmingham.