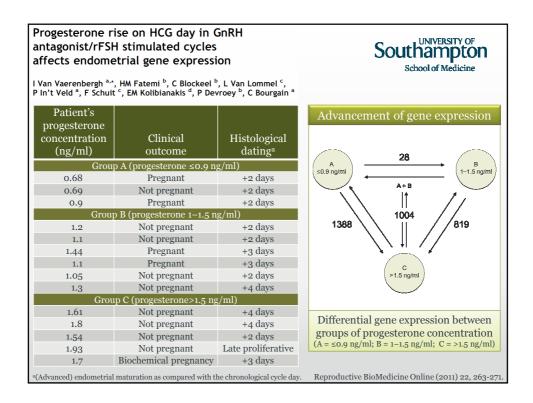




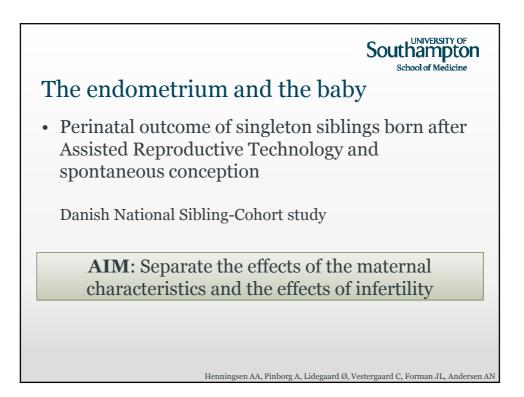
| on the | nship between seru day of hCG and on ncy rate | | NIVERSITY OF AMPTON of Medicine |
|-----------------|--|---|---------------------------------------|
| • A retr | ospective, observationa | al, single-centre cohor | t study |
| | Progesterone levels | Pregnancy rate | |
| | < or = 1.5 ng/ml | 31% | |
| | >1.5 ng/ml | 19% | |
| | | P <0.001 | |
| dose, day of | variate regression analy number of oocytes a f hCG administration w sterone levels (P < 0.00 | and estradiol values vere positively associat | on the ed with |

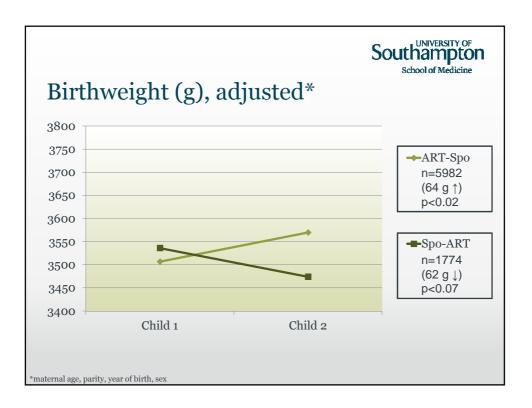
| 093 /humrep/des066 | Vol.0, No.0 pp. 1-7, 2012 | | Southampto |
|--------------------|---|--|-------------------------------------|
| production | ORIGINAL ARTICLE Repro | oductive endocrinology | School of Medicine |
| | IVF cycles: is the affected by the progesterone el of HCG triggeri prospective stud | levation on the day ing? A randomized | 190 patients |
| | | | |
| When p | L. Kyriazi ³ , N.P. Polyzos ⁴ , P. H | ed the threshold of 1.5 ng/m | l, lower delivery rates: |
| | L. Kyriazi ³ , N.P. Polyzos ⁴ , P. H | Humaidan ⁵ , H. Tournaye ⁴ , and B. Tarlatzis ^{1,3} | l, lower delivery rates: P= 0.03 |
| | L. Kyriazi ³ , N.P.Polyzos ⁴ , P. F | Humaidan ⁵ , H. Tournaye ⁴ , and B. Tarlatzis ^{1,3} ed the threshold of 1.5 ng/m | |
| | L. Kyriazi ³ , N.P. Polyzos ⁴ , P. F rogesterone exceed Agonist group Antagonist | ed the threshold of 1.5 ng/m 9.5 versus 31.8% | P= 0.03 P= 0.07 |

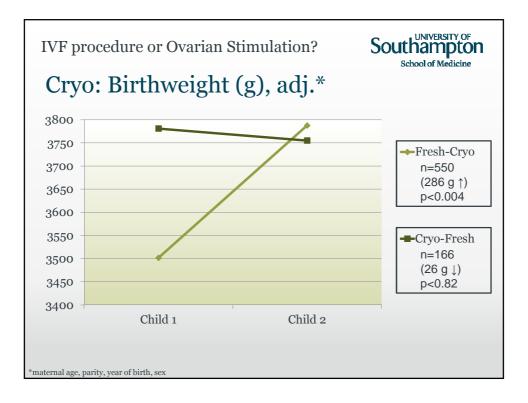


| uman pproduction | | | Southampton School of Medicine | |
|---------------------|---|--------------------|--|-----------------------------------|
| | gesterone level day of hCG) | # donors | # genes significantly dysregulated | # gene targets* over-regulated |
| >1.5 | ng/ml (study group) | 6 | 140 | 13 |
| <1.5 | ng/ml (control group) | 6 | | |
| *Of the | e 25 gene targets previously proposed | as markers for end | ometrial receptivity | |
| • En | dometrial samples collec dometria compared with alogue employed | , , | 5 | s of the GnRH |

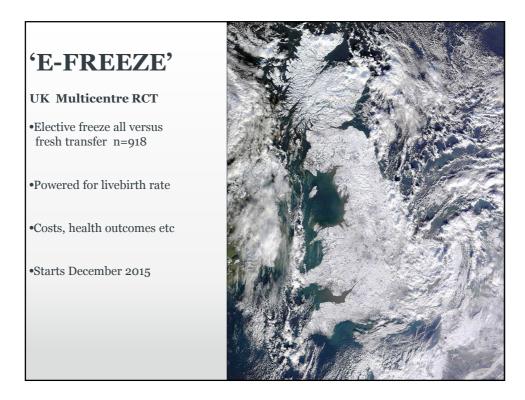


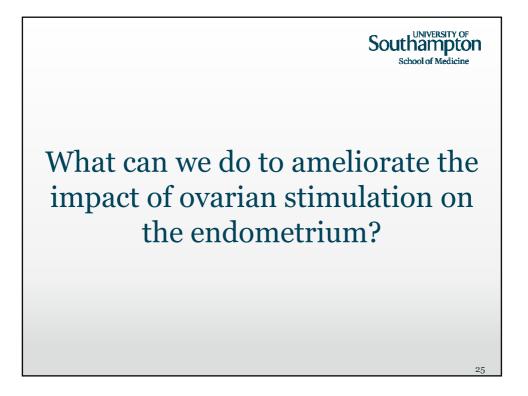


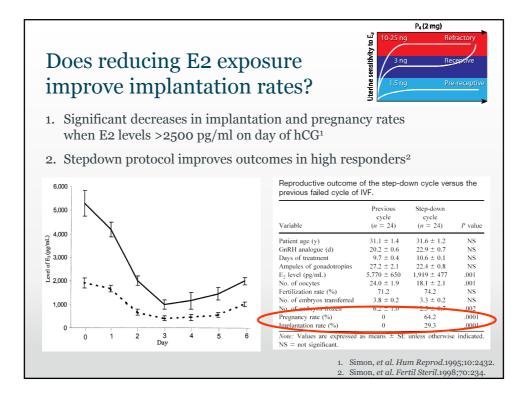












Does milder stimulation reduce estradiol and progesterone levels at the end of the follicular phase? Follicular Phase Endocrine Characteristics during

Ovarian Stimulation and GnRH Antagonist Cotreatment for IVF: RCT Comparing recFSH Initiated on Cycle Day 2 or 5

Christophe Blockeel,* Monique D. Sterrenburg,* Frank J. Broekmans, Marinus J. C. Eijkemans, Johan Smitz, Paul Devroey, and Bart C. J. M. Fauser

Centre for Reproductive Medicine (C.B., J.S., P.D.), Universitair Ziekenhuis Brussel, 1090 Brussels, Belgium; Department of Reproductive Medicine and Gynecology (M.D.S., F.J.B., M.J.C.E., B.C.J.M.F.) and Julius Centre for Health Sciences and Primary Care (M.J.C.E.), University Medical Centre Utrecht, 3508 GA Utrecht, The Netherlands

Blockeel C, et al. JCEM. 2011;96:1122-1128.

Follicular Phase Endocrine Characteristics during Ovarian Stimulation and GnRH Antagonist Cotreatment for IVF: RCT Comparing recFSH Initiated on Cycle Day 2 or 5

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| | CD2 group (n = 33) | CD 5 group (n = 39) | Р |
|----------------------------------|-----------------------|------------------------|-------|
| Fotal dose of recFSH (IU) | 1364 ± 226 | 1177 ± 295 | <0.01 |
| recFSH duration (days) | 9.1 ± 1.5 | 7.8 ± 2.0 | <0.01 |
| Duration follicular phase (days) | 10.1 ± 1.5 | 11.9 ± 2.0 | <0.01 |

