

Table S1. Outcomes of IVF using the IOM Guidelines cut-off

	Vitamin D <30 nmol/L	30nmol/L ≤ Vitamin D < 50 nmol/L	Vitamin D ≥75 nmol/L	P values#
Fresh CPR per cycle started	25/70 (35.7%)	138/427 (32.3%)	236/681 (34.7%)	0.682
Fresh CPR per transfer	25/61 (41.0%)	138/314 (43.9%)	236/523 (45.1%)	0.536
Fresh on-going pregnancy rate per transfer	23/61 (37.7%)	120/314 (38.2%)	199/523 (38.0%)	0.996
Fresh LBR per transfer	22/61 (36.1%)	117/314 (37.3%)	192/523 (36.7%)	0.974
CLBR	28/69 (40.6%)	180/405 (44.4%)	325/639 (50.9%)	0.018*
Miscarriage rate per fresh transfer	3/27 (11.1%)	29/151 (19.2%)	50/252 (19.8%)	0.413

^aData shown represent the number (%).

*statistically significant, #analysed by Chi-Square test for trend