Supplementary Table SI Diagnostic semen analysis parameters for patients ($n = 17$) undertaking fertility treatment (IVF/ICSI).

Research ID	Diagnostic semen analysis				After DGC	
	Volume (ml)	Conc. (M/ml)	Progressive motility (%)	Normal forms (%)	Conc. (M/ml)	Progressive motility (%)
R1333	3.7	38.0	49	3.0	10.3	98.5
R1346	7.0	16.9	72	7.5	6.0	95
R1347	4.7	3.7	32	1.4	0.73	15
R1348	1.0	80.0	55	8.0	29.0	95
R1357	3.2	60.0	59	4.0	16.3	95
R1364	1.5	35.0	74	14.0	7.0	95
R1371	2.4	65.8	56	5.0	3.7	85
R1384	4.8	86.5	28	2.8	5.7	90
R1385	0.9	34.3	44.8	3.7	9.0	95
R2580	1.6	188.0	48.0	8.0	2.9	95
R2581	2.6	15.0	36.0	0.3	2.5	90
R2614	3.8	46.0	54.0	3.0	3.0	93
R2615	1.6	51.0	85.0	9.0	27.1	90
R2622	2.0	65.1	43.0	11.0	19.0	92
R2623	4.0	15.0	64.0	2.0	6.0	95
R2632	2.8	89.0	60.0	3.0	6.85	98
R2634	6.0	31.6	47.0	5.0	1.0	90

Samples surplus to clinical requirements were donated for research on the day of treatment at Ninewells Assisted Conception Unit. Sperm concentration and progressive motility following standard preparation by density gradient centrifugation (DGC) are also shown. All patients underwent IVF, except R1347 (ICSI).