

Supplementary Table SIII Baseline characteristics of, and comparisons between, predictor variables for participation in ancillary sub-studies.

Participation in blood sampling for DNA.

| Variables | Agreed to study DNA collection (n = 1350) | Did not agree to study DNA collection (n = 215) | P-value |
|--|---|---|---------|
| Race | | | <0.001 |
| White | 1113/1350 (82.44) | 138/215 (64.19) | |
| Black or African American | 127/1350 (9.41) | 42/215 (19.53) | |
| Asian | 53/1350 (3.93) | 25/215 (11.63) | |
| American Indian or Alaska Native | 13/1350 (0.96) | 3/215 (1.40) | |
| Native Hawaiian or Pacific Islander | 1/1350 (0.07) | 1/215 (0.47) | |
| Mixed race | 43/1350 (3.19) | 6/215 (2.79) | |
| Ethnic group | | | 0.004 |
| Not Hispanic or Latino | 1152/1350 (85.33) | 199/215 (92.56) | |
| Hispanic or Latino | 198/1350 (14.67) | 16/215 (7.44) | |
| Age, years (total n) | 30.76 ± 4.57 (1350) | 31.01 ± 4.42 (215) | 0.453 |
| BMI, kg/m ² (total n) | 30.79 ± 8.90 (1350) | 27.42 ± 7.34 (215) | <0.001 |
| Prior parity | 271/1350 (20.07) | 51/215 (23.72) | 0.004 |
| Insurance coverage | | | 0.008 |
| Managed Care Plan or HMO | 861/1350 (63.78) | 123/215 (57.21) | |
| Other Private Insurance | 230/1350 (17.04) | 58/215 (26.98) | |
| Medicaid | 37/1350 (2.74) | 8/215 (3.72) | |
| Medicare | 9/1350 (0.67) | 1/215 (0.47) | |
| Self-pay/uninsured | 213/1350 (15.78) | 25/215 (11.63) | |
| Education | | | 0.615 |
| High school graduate or less | 197/1350 (14.59) | 29/215 (13.49) | |
| College graduate or some college | 890/1350 (65.93) | 138/215 (64.19) | |
| Graduate degree | 263/1350 (19.48) | 48/215 (22.33) | |
| Income | | | 0.784 |
| <US\$50 000 | 365/1153 (31.66) | 51/156 (32.69) | |
| ≥US\$50 000 | 788/1153 (68.34) | 105/156 (67.31) | |
| History of smoking | | | 0.022 |
| Never smoked | 821/1350 (60.81) | 152/215 (70.70) | |
| Current smoking | 154/1350 (11.41) | 18/215 (8.37) | |
| Quit smoking | 375/1350 (27.78) | 45/215 (20.93) | |
| Duration of infertility | | | 0.595 |
| <2 years | 472/1311 (36.00) | 83/213 (38.97) | |
| 2–4 years | 538/1311 (41.04) | 87/213 (40.85) | |
| >4 years | 301/1311 (22.96) | 43/213 (20.19) | |
| History of prior infertility treatment | 753/1350 (55.78) | 111/215 (51.63) | 0.269 |
| Total FertiQol score | 74.96 ± 13.99 (1316) | 76.10 ± 13.45 (199) | 0.282 |
| PRIME-MD | | | 0.816 |
| Major depressive syndrome | 18/72 (25.00) | 2/9 (22.22) | |
| Other depressive syndrome | 37/72 (51.39) | 5/9 (55.56) | |
| Panic syndrome | 10/72 (13.89) | 2/9 (22.22) | |

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Supplementary Table SIII Continued
Participation in blood sampling for DNA.

| Variables | Agreed to study DNA collection (n = 1350) | Did not agree to study DNA collection (n = 215) | P-value |
|-------------------------------|---|---|---------|
| Other anxiety syndrome | 7/72 (9.72) | 0/9 (0.00) | 0.280 |
| PRIME-MD psychiatric syndrome | 88/1311 (6.71) | 9/198 (4.55) | |
| Adherence to study | | | 0.869 |
| Yes | 982/1350 (72.74) | 155/215 (72.09) | |
| No | 368/1350 (27.26) | 60/215 (27.91) | |

Participation in blood repository collection or blood storage for future use.

| Variables | Agreed to take part in blood repository collection or blood storage for future use (n = 1433) | Did not agree to take part in blood repository collection or blood storage for future use (n = 217) | P-value |
|--|---|---|---------|
| Race | | | <0.001 |
| White | 1169/1433 (81.58) | 143/217 (65.90) | |
| Black or African American | 138/1433 (9.63) | 46/217 (21.20) | |
| Asian | 66/1433 (4.61) | 17/217 (7.83) | |
| American Indian or Alaska Native | 15/1433 (1.05) | 2/217 (0.92) | |
| Native Hawaiian or Pacific Islander | 1/1433 (0.07) | 1/217 (0.46) | |
| Mixed race | 44/1433 (3.07) | 8/217 (3.69) | |
| Ethnic group | | | 0.054 |
| Not Hispanic or Latino | 1231/1433 (85.90) | 197/217 (90.78) | |
| Hispanic or Latino | 202/1433 (14.10) | 20/217 (9.22) | |
| Age, years (total n) | 30.77 ± 4.58 (1433) | 30.08 ± 4.44 (217) | 0.039 |
| BMI, (kg/m ²) (total n) | 30.61 ± 8.86 (1433) | 31.03 ± 9.06 (217) | 0.518 |
| Prior parity | 290/1433 (20.24) | 49/217 (22.58) | 0.054 |
| Insurance coverage | | | 0.032 |
| Managed Care Plan or HMO | 909/1433 (63.43) | 131/217 (60.37) | |
| Other Private Insurance | 251/1433 (17.52) | 52/217 (23.96) | |
| Medicaid | 39/1433 (2.72) | 10/217 (4.61) | |
| Medicare | 10/1433 (0.70) | 0/217 (0.00) | |
| Self-pay/uninsured | 224/1433 (15.63) | 24/217 (11.06) | |
| Education | | | 0.351 |
| High school graduate or less | 209/1433 (14.58) | 37/217 (17.05) | |
| College graduate or some college | 947/1433 (66.09) | 133/217 (61.29) | |
| Graduate degree | 277/1433 (19.33) | 47/217 (21.66) | |
| Income | | | 0.014 |
| <US\$50 000 | 383/1217 (31.47) | 69/168 (41.07) | |
| ≥US\$50 000 | 834/1217 (68.53) | 99/168 (58.93) | |
| History of smoking | | | 0.508 |
| Never smoked | 885/1433 (61.76) | 141/217 (64.98) | |
| Current smoking | 157/1433 (10.96) | 25/217 (11.52) | |
| Quit smoking | 391/1433 (27.29) | 51/217 (23.50) | |
| Duration of infertility | | | 0.671 |
| <2 years | 510/1393 (36.61) | 78/213 (36.62) | |
| 2–4 years | 566/1393 (40.63) | 92/213 (43.19) | |
| >4 years | 317/1393 (22.76) | 43/213 (20.19) | |
| History of prior infertility treatment | 794/1433 (55.41) | 121/217 (55.76) | 0.942 |

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Supplementary Table SIII Continued

Participation in blood repository collection or blood storage for future use.

| Variables | Agreed to take part in blood repository collection or blood storage for future use (n = 1433) | Did not agreed to take part in blood repository collection or blood storage for future use (n = 217) | P-value |
|-------------------------------|--|---|----------------|
| Total FertiQoL score | 75.00 ± 13.98 (1393) | 74.22 ± 13.96 (205) | 0.458 |
| PRIME-MD | | | 0.939 |
| Major depressive syndrome | 19/79 (24.05) | 3/13 (23.08) | |
| Other depressive syndrome | 40/79 (50.63) | 6/13 (46.15) | |
| Panic syndrome | 12/79 (15.19) | 2/13 (15.38) | |
| Other anxiety syndrome | 8/79 (10.13) | 2/13 (15.38) | |
| PRIME-MD psychiatric syndrome | 95/1388 (6.84) | 16/204 (7.84) | 0.558 |
| Adherence to study | | | 0.074 |
| Yes | 1043/1433 (72.78) | 145/217 (66.82) | |
| No | 390/1433 (27.22) | 72/217 (33.18) | |

Participation in pregnancy registry.

| Variables | Agreed to take part in pregnancy registry (n = 277) | Did not agreed to take part in pregnancy registry (n = 312) | P-value |
|-------------------------------------|--|--|----------------|
| Race | | | 0.078 |
| White | 237/277 (85.56) | 241/312 (77.24) | |
| Black or African American | 21/277 (7.58) | 37/312 (11.86) | |
| Asian | 9/277 (3.25) | 22/312 (7.05) | |
| American Indian or Alaska Native | 2/277 (0.72) | 3/312 (0.96) | |
| Native Hawaiian or Pacific Islander | 0/277 (0.00) | 0/312 (0.00) | |
| Mixed race | 8/277 (2.89) | 9/312 (2.88) | |
| Ethnic group | | | 1.000 |
| Not Hispanic or Latino | 245/277 (88.45) | 276/312 (88.46) | |
| Hispanic or Latino | 32/277 (11.55) | 36/312 (11.54) | |
| Age; year (total n) | 29.93 ± 4.38 (277) | 30.84 ± 4.38 (312) | 0.013 |
| BMI kg/m ² (total n) | 29.87 ± 8.70 (277) | 29.29 ± 7.64 (312) | 0.387 |
| Prior parity | 59/277 (21.30) | 81/312 (25.96) | 1.000 |
| Insurance coverage | | | 0.817 |
| Managed Care Plan or HMO | 178/277 (64.26) | 200/312 (64.10) | |
| Other Private Insurance | 60/277 (21.66) | 62/312 (19.87) | |
| Medicaid | 7/277 (2.53) | 6/312 (1.92) | |
| Medicare | 1/277 (0.36) | 3/312 (0.96) | |
| Self-pay/uninsured | 31/277 (11.19) | 41/312 (13.14) | |
| Education | | | 0.276 |
| High school graduate or less | 27/277 (9.75) | 43/312 (13.78) | |
| College graduate or some college | 188/277 (67.87) | 208/312 (66.67) | |
| Graduate degree | 62/277 (22.38) | 61/312 (19.55) | |
| Income | | | 0.369 |
| <US\$50 000 | 62/241 (25.73) | 77/260 (29.62) | |
| ≥US\$50 000 | 179/241 (74.27) | 183/260 (70.38) | |
| History of smoking | | | 0.439 |
| Never smoked | 177/277 (63.90) | 198/312 (63.46) | |
| Current smoking | 19/277 (6.86) | 30/312 (9.62) | |
| Quit smoking | 81/277 (29.24) | 84/312 (26.92) | |
| Duration of infertility | | | 0.004 |

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Supplementary Table SIII Continued

Participation in pregnancy registry.

| Variables | Agreed to take part in pregnancy registry (n = 277) | Did not agreed to take part in pregnancy registry (n = 312) | P-value |
|--|---|---|---------|
| <2 years | 138/274 (50.36) | 116/301 (38.54) | |
| 2–4 years | 89/274 (32.48) | 138/301 (45.85) | |
| >4 years | 47/274 (17.15) | 47/301 (15.61) | |
| History of prior infertility treatment | 135/277 (48.74) | 140/312 (44.87) | 0.137 |
| Total FertiQol score | 75.34 ± 13.70 (274) | 74.84 ± 13.74 (305) | 0.668 |
| PRIME-MD | | | 0.705 |
| Major depressive syndrome | 3/15 (20.00) | 6/21 (28.57) | |
| Other depressive syndrome | 7/15 (46.67) | 9/21 (42.86) | |
| Panic syndrome | 1/15 (6.67) | 3/21 (14.29) | |
| Other anxiety syndrome | 4/15 (26.67) | 3/21 (14.29) | |
| PRIME-MD psychiatric syndrome | 16/274 (5.84) | 27/303 (8.91) | 0.204 |
| Adherence to study | | | 1.000 |
| Yes | 254/277 (91.70) | 287/312 (91.99) | |
| No | 23/277 (8.30) | 25/312 (8.01) | |

Student's *t*-test and χ^2 or Fisher's exact tests were performed for continuous or categorical variables, respectively.

Data are presented as mean ± SD, unless otherwise stated.

Values in parentheses represent percentages unless otherwise stated.