

VIRGINIA CENTER FOR REPRODUCTIVE MEDICINE RESTON, VIRGINIA

Comparison of success rates across clinics may not be meaningful. Patient medical characteristics and treatment approaches vary (see pages 11–20).

| 2015 ART CYCLE PROFILE | | | | Data verified by Fady I. Sharara, MD | | | | |
|---|------|-----------|-----|--------------------------------------|-----|----------------|-----|--|
| Type of ART and Procedural Factors ^a | | | | Patient Diagnosis ^b | | | | |
| IVF | 100% | With ICSI | 97% | Tubal factor | 17% | Uterine factor | 15% | <i>Multiple Factors:</i> Female factors only 32% Female & male factors 43% |
| Unstimulated | 0% | PGD/PGS | 53% | Ovulatory dysfunction | 29% | Male factor | 49% | |
| Used gestational carrier | 3% | | | Diminished ovarian reserve | 43% | Other factor | 44% | |
| | | | | Endometriosis | 8% | Unknown factor | <1% | |

| 2015 ART SUCCESS RATES ^c | | Total number of cycles ^d : 190 (includes 1 cycle[s] using frozen eggs) | | | | | |
|---|--|---|---------|--------|-----------------------------------|-------|-------|
| Type of Cycle | | Age of Woman | | | | | |
| | | <35 | 35–37 | 38–40 | 41–42 | 43–44 | >44 |
| Fresh Embryos from Nondonor Eggs | | | | | | | |
| Number of cycles | | 31 | 22 | 12 | 8 | 1 | 0 |
| Percentage of cancellations before retrieval (%) | | 3.2 | 0.0 | 0 / 12 | 0 / 8 | 0 / 1 | |
| Average number of embryos transferred | | 1.3 | 1.5 | 1.3 | 1.6 | | |
| Percentage of embryos transferred resulting in implantation (%) | | 57.6 | 66.7 | 8 / 12 | 6 / 11 | | |
| Percentage of elective single embryo transfers (eSET) (%) | | 60.0 | 2 / 11 | 3 / 6 | 1 / 4 | | |
| Outcomes per Cycle | | | | | | | |
| Percentage of cycles resulting in term, normal weight & singleton live births ^e (%) | | 38.7 | 22.7 | 7 / 12 | 2 / 8 | 0 / 1 | |
| Percentage of cycles resulting in singleton live births (%) | | 45.2 | 27.3 | 8 / 12 | 4 / 8 | 0 / 1 | |
| Percentage of cycles resulting in twin live births (%) | | 6.5 | 22.7 | 0 / 12 | 0 / 8 | 0 / 1 | |
| Percentage of cycles resulting in live births (%) | | 51.6 | 50.0 | 8 / 12 | 4 / 8 | 0 / 1 | |
| Percentage of cycles resulting in pregnancies (%) | | 58.1 | 59.1 | 8 / 12 | 5 / 8 | 0 / 1 | |
| Outcomes per Transfer | | | | | | | |
| Number of transfers | | 26 | 18 | 9 | 7 | 0 | 0 |
| Percentage of transfers resulting in term, normal weight & singleton live births ^e (%) | | 46.2 | 5 / 18 | 7 / 9 | 2 / 7 | | |
| Percentage of transfers resulting in singleton live births (%) | | 53.8 | 6 / 18 | 8 / 9 | 4 / 7 | | |
| Percentage of transfers resulting in twin live births (%) | | 7.7 | 5 / 18 | 0 / 9 | 0 / 7 | | |
| Percentage of transfers resulting in live births (%) | | 61.5 | 11 / 18 | 8 / 9 | 4 / 7 | | |
| Percentage of transfers resulting in pregnancies (%) | | 69.2 | 13 / 18 | 8 / 9 | 5 / 7 | | |
| Frozen Embryos from Nondonor Eggs | | | | | | | |
| Number of cycles | | 16 | 8 | 5 | 2 | 2 | 1 |
| Number of transfers | | 16 | 8 | 5 | 2 | 2 | 1 |
| Estimated average number of transfers per retrieval | | 1.1 | 0.4 | 0.4 | 0.7 | 2.0 | 1.0 |
| Average number of embryos transferred | | 1.3 | 1.1 | 1.4 | 2.0 | 1.0 | 1.0 |
| Percentage of embryos transferred resulting in implantation (%) | | 38.1 | 2 / 9 | 0 / 7 | 1 / 4 | 1 / 2 | 1 / 1 |
| Percentage of transfers resulting in term, normal weight & singleton live births ^e (%) | | 4 / 16 | 2 / 8 | 0 / 5 | 0 / 2 | 0 / 2 | 1 / 1 |
| Percentage of transfers resulting in singleton live births (%) | | 5 / 16 | 2 / 8 | 0 / 5 | 1 / 2 | 1 / 2 | 1 / 1 |
| Percentage of transfers resulting in twin live births (%) | | 0 / 16 | 0 / 8 | 0 / 5 | 0 / 2 | 0 / 2 | 0 / 1 |
| Percentage of transfers resulting in live births (%) | | 5 / 16 | 2 / 8 | 0 / 5 | 1 / 2 | 1 / 2 | 1 / 1 |
| Percentage of transfers resulting in pregnancies (%) | | 7 / 16 | 2 / 8 | 0 / 5 | 1 / 2 | 1 / 2 | 1 / 1 |
| Number of Egg/Embryo Banking Cycles | | | | | | | |
| | | 10 | 17 | 13 | 3 | 1 | 1 |
| Donor Eggs | | Fresh Embryos^f | | | Frozen Embryos^f | | |
| Number of cycles | | 18 | | | 18 | | |
| Number of transfers | | 17 | | | 18 | | |
| Average number of embryos transferred | | 1.3 | | | 1.5 | | |
| Percentage of embryos transferred resulting in implantation (%) | | 77.3 | | | 40.0 | | |
| Percentage of transfers resulting in term, normal weight & singleton live births ^e (%) | | 9 / 17 | | | 7 / 18 | | |
| Percentage of transfers resulting in singleton live births (%) | | 10 / 17 | | | 7 / 18 | | |
| Percentage of transfers resulting in twin live births (%) | | 3 / 17 | | | 1 / 18 | | |
| Percentage of transfers resulting in live births (%) | | 13 / 17 | | | 8 / 18 | | |
| Percentage of transfers resulting in pregnancies (%) | | 13 / 17 | | | 10 / 18 | | |

| CURRENT SERVICES & PROFILE | | Current Name: Virginia Center for Reproductive Medicine | | | | | |
|----------------------------|-----|---|-----|---------------|-----|-------------------------------|-----|
| Donor eggs? | Yes | Gestational carriers? | Yes | Single women? | Yes | Verified lab accreditation? | Yes |
| Donor embryos? | Yes | Embryo cryopreservation? | Yes | SART member? | Yes | (See Appendix C for details.) | |

^a Reflects features of fresh nondonor cycles. If IVF is less than 100%, the remaining cycles are GIFT, ZIFT, or a combination of these procedures with IVF.

^b Total patient diagnosis percentages may be greater than 100% because more than one diagnosis can be reported for each ART cycle.

^c Fractions are used for rates with denominators less than 20. Multiple-infant births (for example, twins) with at least one live infant are counted as one live birth.

^d Total cycle number includes those using frozen eggs. It excludes 0 cycle(s) evaluating new procedures. Both cycle types are excluded from ART success rates.

^e In this report, births are defined as term if at least 37 full weeks gestation and normal birth weight if at least 2,500 grams (approximately 5 pounds, 8 ounces).

^f All ages are reported together because previous data show that patient age does not materially affect success with donor eggs.