

**NORTH CAROLINA CENTER FOR REPRODUCTIVE MEDICINE
THE TALBERT FERTILITY INSTITUTE
CARY, NORTH CAROLINA**

Comparing success rates across clinics may not be meaningful. Patient medical characteristics and treatment approaches vary (see pages 11–21).

| 2016 ART CYCLE PROFILE | | | | Data verified by Sameh K. Toma, MD | | | | |
|---|------|-----------|-----|--|-----|----------------|-----|---|
| Type of ART and Procedural Factors^a | | | | Patient Diagnosis^{a,b} | | | | |
| IVF | 100% | With ICSI | 83% | Tubal factor | 13% | Uterine factor | 15% | Multiple Factors: Female factors only 13% Female & male factors 17% |
| Unstimulated | <1% | PGD/PGS | 6% | Ovulatory dysfunction | 10% | Male factor | 39% | |
| Used gestational carrier | 2% | | | Diminished ovarian reserve | 39% | Other factor | 9% | |
| | | | | Endometriosis | 4% | Unknown factor | 4% | |

| 2016 ART SUCCESS RATES^{c,d} | Total number of cycles^d: 415 (includes 0 cycle[s] using fresh embryos from frozen nondonor eggs) | | | | | |
|---|--|-----------------------|--------------------|-----------------------|------------------------|---------------|
| | Type of Cycle | Age of Patient | | | | |
| | | <35 | 35–37 | 38–40 | 41–42 | >42 |
| Fresh Embryos from Fresh Nondonor Eggs | | | | | | |
| Number of cycles | | 69 | 31 | 24 | 6 | 2 |
| Percentage of cancellations before retrieval (%) | | 11.6 | 19.4 | 25.0 | 1 / 6 | 0 / 2 |
| Number of transfers | | 1 | 1 | 0 | 0 | 0 |
| Average number of embryos transferred | | 2.0 | 2.0 | | | |
| Percentage of elective single embryo transfers (eSET) (%) | | 0 / 1 | 0 / 1 | | | |
| Outcomes per Cycle | | | | | | |
| Percentage of cycles resulting in pregnancies (%) | | 1.4 | 3.2 | 0.0 | 0 / 6 | 0 / 2 |
| Percentage of cycles resulting in live births (%) | | 1.4 | 3.2 | 0.0 | 0 / 6 | 0 / 2 |
| Percentage of cycles resulting in singleton live births (%) | | 0.0 | 3.2 | 0.0 | 0 / 6 | 0 / 2 |
| Percentage of cycles resulting in twin live births (%) | | 1.4 | 0.0 | 0.0 | 0 / 6 | 0 / 2 |
| Percentage of cycles resulting in term, normal weight and singleton live births ^e (%) | | 0.0 | 3.2 | 0.0 | 0 / 6 | 0 / 2 |
| Outcomes per Transfer | | | | | | |
| Percentage of embryos transferred resulting in implantation (%) | | 2 / 2 | 1 / 2 | | | |
| Percentage of transfers resulting in pregnancies (%) | | 1 / 1 | 1 / 1 | | | |
| Percentage of transfers resulting in live births (%) | | 1 / 1 | 1 / 1 | | | |
| Percentage of transfers resulting in singleton live births (%) | | 0 / 1 | 1 / 1 | | | |
| Percentage of transfers resulting in twin live births (%) | | 1 / 1 | 0 / 1 | | | |
| Percentage of transfers resulting in term, normal weight and singleton live births ^e (%) | | 0 / 1 | 1 / 1 | | | |
| Frozen Embryos from Nondonor Eggs | | | | | | |
| Number of cycles | | 82 | 39 | 35 | 13 | 9 |
| Number of transfers | | 79 | 37 | 28 | 11 | 8 |
| Estimated average number of transfers per retrieval | | 1.3 | 1.3 | 1.2 | 1.2 | 4.0 |
| Average number of embryos transferred | | 1.8 | 1.9 | 1.9 | 1.8 | 1.8 |
| Percentage of embryos transferred resulting in implantation (%) | | 47.9 | 52.1 | 46.9 | 40.0 | 5 / 14 |
| Percentage of transfers resulting in pregnancies (%) | | 63.3 | 70.3 | 67.9 | 6 / 11 | 5 / 8 |
| Percentage of transfers resulting in live births (%) | | 55.7 | 59.5 | 46.4 | 3 / 11 | 4 / 8 |
| Percentage of transfers resulting in singleton live births (%) | | 35.4 | 32.4 | 35.7 | 2 / 11 | 4 / 8 |
| Percentage of transfers resulting in twin live births (%) | | 20.3 | 27.0 | 10.7 | 1 / 11 | 0 / 8 |
| Percentage of transfers resulting in term, normal weight and singleton live births ^e (%) | | 34.2 | 29.7 | 17.9 | 2 / 11 | 3 / 8 |
| Number of Egg or Embryo Banking Cycles | | | | | | |
| Number of fertility preservation cycles | | 14 | 9 | 8 | 4 | 1 |
| | | 2 | 0 | 0 | 0 | 0 |
| Donor Eggs^f | | | | | | |
| | | Fresh Eggs | Frozen Eggs | Frozen Embryos | Donated Embryos | |
| Number of cycles | | 28 | 5 | 34 | 2 | |
| Number of transfers | | 12 | 4 | 30 | 2 | |
| Average number of embryos transferred | | 1.8 | 1.5 | 1.9 | 2.0 | |
| Percentage of embryos transferred resulting in implantation (%) | | 52.4 | 4 / 6 | 42.9 | 2 / 4 | |
| Percentage of transfers resulting in pregnancies (%) | | 7 / 12 | 3 / 4 | 63.3 | 2 / 2 | |
| Percentage of transfers resulting in live births (%) | | 6 / 12 | 2 / 4 | 46.7 | 1 / 2 | |
| Percentage of transfers resulting in singleton live births (%) | | 4 / 12 | 1 / 4 | 30.0 | 1 / 2 | |
| Percentage of transfers resulting in twin live births (%) | | 2 / 12 | 1 / 4 | 16.7 | 0 / 2 | |
| Percentage of transfers resulting in term, normal weight and singleton live births ^e (%) | | 4 / 12 | 1 / 4 | 26.7 | 1 / 2 | |

| CURRENT SERVICES & PROFILE | | Current Name: North Carolina Center for Reproductive Medicine, The Talbert Fertility Institute | | | | | |
|---------------------------------------|-----|--|-----|-----------------------|-----|-----------------------------|-----|
| Donor eggs? | Yes | Embryo cryopreservation? | Yes | Single women? | Yes | SART member? | Yes |
| Donor embryos? | Yes | Egg cryopreservation? | Yes | Gestational carriers? | Yes | Verified lab accreditation? | Yes |

^a Excludes cycles evaluating new procedures and banking cycles; unstimulated percentage includes fresh egg cycles only.
^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 and success rates exclude 0 cycle(s) evaluating new procedures. Success rates exclude cycles using fresh embryos from frozen nondonor eggs.
^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.