# JOHNS HOPKINS FERTILITY CENTER
# LUTHERVILLE, MARYLAND

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

## 2013 ART CYCLE PROFILE

Data verified by Jairo E. Garcia, MD

### Type of ART and Procedural Factors[a]

| | | | |
|---|---|---|---|
| IVF | 100% | With ICSI | 56% |
| Unstimulated | 2% | Used PGD | 5% |
| Used gestational carrier | 0% | | |

### Patient Diagnosis[b]

| | | | | | |
|---|---|---|---|---|---|
| Tubal factor | 19% | Uterine factor | 7% | *Multiple Factors:* | |
| Ovulatory dysfunction | 8% | Male factor | 30% | Female factors only | 16% |
| Diminished ovarian reserve | 36% | Other factor | 19% | Female & male factors | 11% |
| Endometriosis | 6% | Unknown factor | 6% | | |

## 2013 ART SUCCESS RATES[c]

Total number of cycles[d]: 325 (includes 2 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 | 79 | 32 | 51 | 36 | 18 | 0 |
| Percentage of cancellations (%) | 13.9 | 3.1 | 13.7 | 16.7 | 4 / 18 | |
| Average number of embryos transferred | 1.8 | 1.9 | 1.9 | 1.8 | 1.6 | |
| Percentage of embryos transferred resulting in implantation (%) | 39.4 | 20.9 | 8.9 | 13.0 | 1 / 10 | |
| Percentage of elective single embryo transfers (eSET) (%) | 16.3 | 13.6 | 8.0 | 0 / 9 | 0 / 3 | |
| **Outcomes per Cycle** | | | | | | |
| Percentage of cycles resulting in term, normal weight & singleton live births[e] (%) | 12.7 | 15.6 | 3.9 | 5.6 | 1 / 18 | |
| Percentage of cycles resulting in singleton live births (%) | 13.9 | 18.8 | 7.8 | 5.6 | 1 / 18 | |
| Percentage of cycles resulting in twin live births (%) | 11.4 | 3.1 | 0.0 | 0.0 | 0 / 18 | |
| Percentage of cycles resulting in live births (%) | 26.6 | 21.9 | 7.8 | 5.6 | 1 / 18 | |
| Percentage of cycles resulting in pregnancies (%) | 32.9 | 25.0 | 9.8 | 11.1 | 2 / 18 | |
| **Outcomes per Transfer** | | | | | | |
| Number of transfers | 55 | 23 | 30 | 14 | 7 | 0 |
| Percentage of transfers resulting in term, normal weight & singleton live births[e] (%) | 18.2 | 21.7 | 6.7 | 2 / 14 | 1 / 7 | |
| Percentage of transfers resulting in singleton live births (%) | 20.0 | 26.1 | 13.3 | 2 / 14 | 1 / 7 | |
| Percentage of transfers resulting in twin live births (%) | 16.4 | 4.3 | 0.0 | 0 / 14 | 0 / 7 | |
| Percentage of transfers resulting in live births (%) | 38.2 | 30.4 | 13.3 | 2 / 14 | 1 / 7 | |
| Percentage of transfers resulting in pregnancies (%) | 47.3 | 34.8 | 16.7 | 4 / 14 | 2 / 7 | |
| **Frozen Embryos from Nondonor Eggs** | | | | | | |
| Number of cycles | 20 | 6 | 13 | 7 | 4 | 0 |
| Number of transfers | 19 | 6 | 12 | 7 | 4 | 0 |
| Estimated average number of transfers per retrieval | 0.6 | 1.0 | 0.8 | 0.9 | 1.3 | 0.0 |
| Average number of embryos transferred | 1.6 | 1.5 | 2.3 | 1.4 | 2.0 | |
| Percentage of embryos transferred resulting in implantation (%) | 38.7 | 4 / 9 | 11.1 | 1 / 8 | 2 / 8 | |
| Percentage of transfers resulting in term, normal weight & singleton live births[e] (%) | 8 / 19 | 2 / 6 | 1 / 12 | 1 / 7 | 1 / 4 | |
| Percentage of transfers resulting in singleton live births (%) | 9 / 19 | 2 / 6 | 1 / 12 | 1 / 7 | 1 / 4 | |
| Percentage of transfers resulting in twin live births (%) | 1 / 19 | 1 / 6 | 0 / 12 | 0 / 7 | 0 / 4 | |
| Percentage of transfers resulting in live births (%) | 10 / 19 | 3 / 6 | 1 / 12 | 1 / 7 | 1 / 4 | |
| Percentage of transfers resulting in pregnancies (%) | 11 / 19 | 3 / 6 | 3 / 12 | 2 / 7 | 2 / 4 | |
| **Number of Egg/Embryo Banking Cycles** | 17 | 5 | 3 | 6 | 2 | 2 |

| **Donor Eggs** | **Fresh Embryos[f]** | **Frozen Embryos[f]** |
|---|---|---|
| Number of cycles | 6 | 16 |
| Number of transfers | 5 | 16 |
| Average number of embryos transferred | 1.6 | 1.5 |
| Percentage of embryos transferred resulting in implantation (%) | 0 / 8 | 21.7 |
| Percentage of transfers resulting in term, normal weight & singleton live births[e] (%) | 0 / 5 | 2 / 16 |
| Percentage of transfers resulting in singleton live births (%) | 0 / 5 | 3 / 16 |
| Percentage of transfers resulting in twin live births (%) | 0 / 5 | 1 / 16 |
| Percentage of transfers resulting in live births (%) | 0 / 5 | 4 / 16 |
| Percentage of transfers resulting in pregnancies (%) | 0 / 5 | 5 / 16 |

## CURRENT SERVICES & PROFILE

**Current Name:** Johns Hopkins Fertility Center

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Donor eggs? | Yes | Gestational carriers? | Yes | Single women? | Yes | Verified lab accreditation? | Yes |
| Donor embryos? | No | Embryo cryopreservation? | Yes | SART member? | Yes | (See Appendix C for details.) | |

[a] Reflects features of fresh nondonor cycles. If IVF is <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 (e.g., 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.