# HOUSTON FERTILITY INSTITUTE
# HOUSTON, TEXAS

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 Ghassan F. Haddad, MD

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

| | | | |
|---|---|---|---|
| IVF | >99% | With ICSI | 93% |
| Unstimulated | <1% | Used PGD | 5% |
| Used gestational carrier | <1% | | |

### Patient Diagnosis[b]

| | | | | | |
|---|---|---|---|---|---|
| Tubal factor | 14% | Uterine factor | 9% | *Multiple Factors:* | |
| Ovulatory dysfunction | 9% | Male factor | 23% | Female factors only | 17% |
| Diminished ovarian reserve | 43% | Other factor | 14% | Female & male factors | 10% |
| Endometriosis | 6% | Unknown factor | 15% | | |

## 2013 ART SUCCESS RATES[c]

Total number of cycles[d]: 2,037 (includes 84 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 | 254 | 109 | 67 | 51 | 19 | 5 |
| Percentage of cancellations (%) | 1.6 | 3.7 | 6.0 | 7.8 | 4 / 19 | 0 / 5 |
| Average number of embryos transferred | 1.9 | 1.9 | 2.0 | 2.1 | 1.6 | 2.5 |
| Percentage of embryos transferred resulting in implantation (%) | 37.8 | 36.0 | 24.8 | 10.0 | 1 / 14 | 0 / 5 |
| Percentage of elective single embryo transfers (eSET) (%) | 7.9 | 4.8 | 4.5 | 0.0 | 0 / 5 | 0 / 1 |
| **Outcomes per Cycle** | | | | | | |
| Percentage of cycles resulting in term, normal weight & singleton live births[e] (%) | 21.7 | 17.4 | 16.4 | 5.9 | 1 / 19 | 0 / 5 |
| Percentage of cycles resulting in singleton live births (%) | 26.0 | 20.2 | 16.4 | 5.9 | 1 / 19 | 0 / 5 |
| Percentage of cycles resulting in twin live births (%) | 16.5 | 11.9 | 4.5 | 2.0 | 0 / 19 | 0 / 5 |
| Percentage of cycles resulting in live births (%) | 42.5 | 33.0 | 20.9 | 7.8 | 1 / 19 | 0 / 5 |
| Percentage of cycles resulting in pregnancies (%) | 46.9 | 45.0 | 34.3 | 13.7 | 3 / 19 | 0 / 5 |
| **Outcomes per Transfer** | | | | | | |
| Number of transfers | 224 | 95 | 52 | 34 | 12 | 2 |
| Percentage of transfers resulting in term, normal weight & singleton live births[e] (%) | 24.6 | 20.0 | 21.2 | 8.8 | 1 / 12 | 0 / 2 |
| Percentage of transfers resulting in singleton live births (%) | 29.5 | 23.2 | 21.2 | 8.8 | 1 / 12 | 0 / 2 |
| Percentage of transfers resulting in twin live births (%) | 18.8 | 13.7 | 5.8 | 2.9 | 0 / 12 | 0 / 2 |
| Percentage of transfers resulting in live births (%) | 48.2 | 37.9 | 26.9 | 11.8 | 1 / 12 | 0 / 2 |
| Percentage of transfers resulting in pregnancies (%) | 53.1 | 51.6 | 44.2 | 20.6 | 3 / 12 | 0 / 2 |
| **Frozen Embryos from Nondonor Eggs** | | | | | | |
| Number of cycles | 352 | 153 | 108 | 45 | 16 | 11 |
| Number of transfers | 339 | 148 | 101 | 39 | 15 | 11 |
| Estimated average number of transfers per retrieval | 1.0 | 1.2 | 0.8 | 0.5 | 0.5 | 0.5 |
| Average number of embryos transferred | 1.8 | 1.6 | 1.7 | 1.6 | 2.0 | 1.6 |
| Percentage of embryos transferred resulting in implantation (%) | 55.9 | 56.1 | 45.2 | 41.8 | 10.3 | 7 / 18 |
| Percentage of transfers resulting in term, normal weight & singleton live births[e] (%) | 30.1 | 30.4 | 35.6 | 30.8 | 1 / 15 | 2 / 11 |
| Percentage of transfers resulting in singleton live births (%) | 38.1 | 38.5 | 45.5 | 41.0 | 3 / 15 | 3 / 11 |
| Percentage of transfers resulting in twin live births (%) | 21.2 | 16.2 | 5.0 | 0.0 | 0 / 15 | 2 / 11 |
| Percentage of transfers resulting in live births (%) | 59.9 | 55.4 | 51.5 | 41.0 | 3 / 15 | 5 / 11 |
| Percentage of transfers resulting in pregnancies (%) | 72.0 | 70.3 | 66.3 | 66.7 | 4 / 15 | 5 / 11 |
| **Number of Egg/Embryo Banking Cycles** | 265 | 99 | 111 | 63 | 28 | 22 |

| **Donor Eggs** | **Fresh Embryos[f]** | **Frozen Embryos[f]** |
|---|---|---|
| Number of cycles | 56 | 119 |
| Number of transfers | 54 | 112 |
| Average number of embryos transferred | 1.9 | 1.7 |
| Percentage of embryos transferred resulting in implantation (%) | 53.2 | 37.3 |
| Percentage of transfers resulting in term, normal weight & singleton live births[e] (%) | 25.9 | 24.1 |
| Percentage of transfers resulting in singleton live births (%) | 33.3 | 32.1 |
| Percentage of transfers resulting in twin live births (%) | 24.1 | 8.9 |
| Percentage of transfers resulting in live births (%) | 57.4 | 41.1 |
| Percentage of transfers resulting in pregnancies (%) | 75.9 | 56.3 |

## CURRENT SERVICES & PROFILE

**Current Name:** Houston Fertility Institute

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 <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.