

# UNIVERSITY HOSPITALS FERTILITY CENTER BEACHWOOD, OHIO

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 James M. Goldfarb, MD

| Type of ART and Procedural Factors <sup>a</sup> |      |           |     | Patient Diagnosis <sup>a,b</sup> |     |                |     |  |
|---|------|-----------|-----|----------------------------------|-----|----------------|-----|--|
| IVF   | 100% | With ICSI | 69% | Tubal factor                     | 11% | Uterine factor | 3%  | Multiple Factors:<br>Female factors only 9%<br>Female & male factors 10% |
| Unstimulated                                    | 0%   | PGD/PGS   | 7%  | Ovulatory dysfunction            | 8%  | Male factor    | 34% |  |
| Used gestational carrier                        | 4%   |           |     | Diminished ovarian reserve       | 14% | Other factor   | 18% |  |
|   |      |           |     | Endometriosis                    | 6%  | Unknown factor | 26% |  |

## 2016 ART SUCCESS RATES<sup>c,d</sup>

Total number of cycles<sup>d</sup>: 607  
(includes 1 cycle[s] using fresh embryos from frozen nondonor eggs)

| Type of Cycle   | Age of Patient    |                    |                       |                        |        |
|---|-------------------|--------------------|-----------------------|------------------------|--------|
|   | <35               | 35–37              | 38–40                 | 41–42                  | >42    |
| <b>Fresh Embryos from Fresh Nondonor Eggs</b>   |                   |                    |                       |                        |        |
| Number of cycles  | 148               | 77                 | 57                    | 22                     | 7      |
| Percentage of cancellations before retrieval (%)  | 19.6              | 41.6               | 38.6                  | 36.4                   | 3 / 7  |
| Number of transfers   | 95                | 38                 | 30                    | 14                     | 4      |
| Average number of embryos transferred   | 1.7               | 1.9                | 2.3                   | 3.7                    | 3.8    |
| Percentage of elective single embryo transfers (eSET) (%)   | 26.9              | 8.8                | 3.4                   | 0 / 14                 | 0 / 4  |
| <b>Outcomes per Cycle</b>   |                   |                    |                       |                        |        |
| Percentage of cycles resulting in pregnancies (%)   | 43.2              | 24.7               | 24.6                  | 4.5                    | 1 / 7  |
| Percentage of cycles resulting in live births (%)   | 36.5              | 18.2               | 19.3                  | 0.0                    | 0 / 7  |
| Percentage of cycles resulting in singleton live births (%)   | 26.4              | 14.3               | 17.5                  | 0.0                    | 0 / 7  |
| Percentage of cycles resulting in twin live births (%)  | 10.1              | 3.9                | 1.8                   | 0.0                    | 0 / 7  |
| Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)    | 23.0              | 14.3               | 14.0                  | 0.0                    | 0 / 7  |
| <b>Outcomes per Transfer</b>  |                   |                    |                       |                        |        |
| Percentage of embryos transferred resulting in implantation (%)                                     | 49.0              | 28.8               | 21.9                  | 0.0                    | 0 / 12 |
| Percentage of transfers resulting in pregnancies (%)  | 67.4              | 50.0               | 46.7                  | 1 / 14                 | 1 / 4  |
| Percentage of transfers resulting in live births (%)  | 56.8              | 36.8               | 36.7                  | 0 / 14                 | 0 / 4  |
| Percentage of transfers resulting in singleton live births (%)                                      | 41.1              | 28.9               | 33.3                  | 0 / 14                 | 0 / 4  |
| Percentage of transfers resulting in twin live births (%)   | 15.8              | 7.9                | 3.3                   | 0 / 14                 | 0 / 4  |
| Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%) | 35.8              | 28.9               | 26.7                  | 0 / 14                 | 0 / 4  |
| <b>Frozen Embryos from Nondonor Eggs</b>  |                   |                    |                       |                        |        |
| Number of cycles  | 85                | 53                 | 31                    | 6                      | 5      |
| Number of transfers   | 77                | 42                 | 27                    | 6                      | 5      |
| Estimated average number of transfers per retrieval   | 1.0               | 1.2                | 1.1                   | 1.0                    | 0.8    |
| Average number of embryos transferred   | 1.6               | 1.5                | 1.4                   | 2.0                    | 1.8    |
| Percentage of embryos transferred resulting in implantation (%)                                     | 38.6              | 37.3               | 25.7                  | 2 / 12                 | 1 / 9  |
| Percentage of transfers resulting in pregnancies (%)  | 54.5              | 52.4               | 37.0                  | 2 / 6                  | 1 / 5  |
| Percentage of transfers resulting in live births (%)  | 40.3              | 38.1               | 22.2                  | 2 / 6                  | 1 / 5  |
| Percentage of transfers resulting in singleton live births (%)                                      | 31.2              | 35.7               | 18.5                  | 2 / 6                  | 1 / 5  |
| Percentage of transfers resulting in twin live births (%)   | 9.1               | 2.4                | 3.7                   | 0 / 6                  | 0 / 5  |
| Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%) | 28.6              | 31.0               | 11.1                  | 2 / 6                  | 0 / 5  |
| <b>Number of Egg or Embryo Banking Cycles</b>   |                   |                    |                       |                        |        |
| Number of fertility preservation cycles   | 31                | 13                 | 13                    | 2                      | 4      |
|   | 15                | 3                  | 4                     | 0                      | 0      |
| <b>Donor Eggs<sup>f</sup></b>   |                   |                    |                       |                        |        |
|   | <b>Fresh Eggs</b> | <b>Frozen Eggs</b> | <b>Frozen Embryos</b> | <b>Donated Embryos</b> |        |
| Number of cycles  | 29                | 0                  | 17                    | 6                      |        |
| Number of transfers   | 21                | 0                  | 15                    | 6                      |        |
| Average number of embryos transferred   | 1.5               |                    | 1.4                   | 1.7                    |        |
| Percentage of embryos transferred resulting in implantation (%)                                     | 43.8              |                    | 9 / 19                | 1 / 10                 |        |
| Percentage of transfers resulting in pregnancies (%)  | 61.9              |                    | 9 / 15                | 1 / 6                  |        |
| Percentage of transfers resulting in live births (%)  | 52.4              |                    | 8 / 15                | 0 / 6                  |        |
| Percentage of transfers resulting in singleton live births (%)                                      | 47.6              |                    | 7 / 15                | 0 / 6                  |        |
| Percentage of transfers resulting in twin live births (%)   | 4.8               |                    | 1 / 15                | 0 / 6                  |        |
| Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%) | 42.9              |                    | 6 / 15                | 0 / 6                  |        |

## CURRENT SERVICES & PROFILE

Current Name: University Hospitals Fertility Center

|                |     |                          |     |                       |     |                             |     |
|----------------|-----|--------------------------|-----|-----------------------|-----|-----------------------------|-----|
| 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 |

<sup>a</sup> Excludes cycles evaluating new procedures and banking cycles; unstimulated percentage includes fresh egg cycles only.

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

<sup>c</sup> 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.

<sup>d</sup> Total cycle number and success rates exclude 0 cycle(s) evaluating new procedures. Success rates exclude cycles using fresh embryos from frozen nondonor eggs.

<sup>e</sup> 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).

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