

# WEST VIRGINIA UNIVERSITY FERTILITY CENTER CHARLESTON, WEST VIRGINIA

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 Pickens A. Gantt, MD |     |                |     |   |
|---|------|-----------|------|---------------------------------------|-----|----------------|-----|---|
| Type of ART and Procedural Factors <sup>a</sup> |      |           |      | Patient Diagnosis <sup>a,b</sup>      |     |                |     |   |
| IVF   | 100% | With ICSI | 100% | Tubal factor                          | 13% | Uterine factor | 5%  | Multiple Factors:<br>Female factors only 13%<br>Female & male factors 10% |
| Unstimulated                                    | 0%   | PGD/PGS   | 0%   | Ovulatory dysfunction                 | 26% | Male factor    | 23% |   |
| Used gestational carrier                        | 0%   |           |      | Diminished ovarian reserve            | 41% | Other factor   | 8%  |   |
|   |      |           |      | Endometriosis                         | 0%  | Unknown factor | 8%  |   |

| 2016 ART SUCCESS RATES <sup>c,d</sup> | Total number of cycles <sup>d</sup> : 40<br>(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   |
| <b>Fresh Embryos from Fresh Nondonor Eggs</b>   |                   |                    |                       |                        |       |
| Number of cycles  | 9                 | 1                  | 2                     | 1                      | 2     |
| Percentage of cancellations before retrieval (%)  | 0 / 9             | 0 / 1              | 0 / 2                 | 0 / 1                  | 0 / 2 |
| Number of transfers   | 8                 | 1                  | 1                     | 1                      | 2     |
| Average number of embryos transferred   | 1.9               | 1.0                | 2.0                   | 2.0                    | 2.5   |
| Percentage of elective single embryo transfers (eSET) (%)   | 0 / 7             |                    | 0 / 1                 | 0 / 1                  | 0 / 2 |
| <b>Outcomes per Cycle</b>   |                   |                    |                       |                        |       |
| Percentage of cycles resulting in pregnancies (%)   | 4 / 9             | 0 / 1              | 1 / 2                 | 1 / 1                  | 0 / 2 |
| Percentage of cycles resulting in live births (%)   | 3 / 9             | 0 / 1              | 0 / 2                 | 1 / 1                  | 0 / 2 |
| Percentage of cycles resulting in singleton live births (%)   | 3 / 9             | 0 / 1              | 0 / 2                 | 1 / 1                  | 0 / 2 |
| Percentage of cycles resulting in twin live births (%)  | 0 / 9             | 0 / 1              | 0 / 2                 | 0 / 1                  | 0 / 2 |
| Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)    | 1 / 9             | 0 / 1              | 0 / 2                 | 0 / 1                  | 0 / 2 |
| <b>Outcomes per Transfer</b>  |                   |                    |                       |                        |       |
| Percentage of embryos transferred resulting in implantation (%)                                     | 4 / 15            | 0 / 1              | 1 / 2                 | 1 / 2                  | 0 / 5 |
| Percentage of transfers resulting in pregnancies (%)  | 4 / 8             | 0 / 1              | 1 / 1                 | 1 / 1                  | 0 / 2 |
| Percentage of transfers resulting in live births (%)  | 3 / 8             | 0 / 1              | 0 / 1                 | 1 / 1                  | 0 / 2 |
| Percentage of transfers resulting in singleton live births (%)                                      | 3 / 8             | 0 / 1              | 0 / 1                 | 1 / 1                  | 0 / 2 |
| Percentage of transfers resulting in twin live births (%)   | 0 / 8             | 0 / 1              | 0 / 1                 | 0 / 1                  | 0 / 2 |
| Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%) | 1 / 8             | 0 / 1              | 0 / 1                 | 0 / 1                  | 0 / 2 |
| <b>Frozen Embryos from Nondonor Eggs</b>  |                   |                    |                       |                        |       |
| Number of cycles  | 11                | 2                  | 1                     | 1                      | 0     |
| Number of transfers   | 9                 | 2                  | 0                     | 1                      | 0     |
| Estimated average number of transfers per retrieval   | 3.0               | 2.0                |                       |                        |       |
| Average number of embryos transferred   | 2.2               | 1.0                |                       | 2.0                    |       |
| Percentage of embryos transferred resulting in implantation (%)                                     | 15.0              | 0 / 2              |                       | 0 / 2                  |       |
| Percentage of transfers resulting in pregnancies (%)  | 3 / 9             | 0 / 2              |                       | 0 / 1                  |       |
| Percentage of transfers resulting in live births (%)  | 3 / 9             | 0 / 2              |                       | 0 / 1                  |       |
| Percentage of transfers resulting in singleton live births (%)                                      | 3 / 9             | 0 / 2              |                       | 0 / 1                  |       |
| Percentage of transfers resulting in twin live births (%)   | 0 / 9             | 0 / 2              |                       | 0 / 1                  |       |
| Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%) | 1 / 9             | 0 / 2              |                       | 0 / 1                  |       |
| <b>Number of Egg or Embryo Banking Cycles</b>   |                   |                    |                       |                        |       |
| Number of fertility preservation cycles   | 1                 | 0                  | 0                     | 0                      | 0     |
|   | 1                 | 0                  | 0                     | 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  | 4                 | 0                  | 5                     | 0                      |       |
| Number of transfers   | 4                 | 0                  | 5                     | 0                      |       |
| Average number of embryos transferred   | 2.3               |                    | 1.8                   |                        |       |
| Percentage of embryos transferred resulting in implantation (%)                                     | 2 / 9             |                    | 1 / 9                 |                        |       |
| Percentage of transfers resulting in pregnancies (%)  | 2 / 4             |                    | 1 / 5                 |                        |       |
| Percentage of transfers resulting in live births (%)  | 1 / 4             |                    | 0 / 5                 |                        |       |
| Percentage of transfers resulting in singleton live births (%)                                      | 1 / 4             |                    | 0 / 5                 |                        |       |
| Percentage of transfers resulting in twin live births (%)   | 0 / 4             |                    | 0 / 5                 |                        |       |
| Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%) | 0 / 4             |                    | 0 / 5                 |                        |       |

| CURRENT SERVICES & PROFILE |  | Current Name: West Virginia University Fertility Center |  |
|----------------------------|--|---|--|
|----------------------------|--|---|--|

|                |     |                          |     |                       |     |                             |    |
|----------------|-----|--------------------------|-----|-----------------------|-----|-----------------------------|----|
| Donor eggs?    | Yes | Embryo cryopreservation? | Yes | Single women?         | Yes | SART member?                | No |
| Donor embryos? | No  | Egg cryopreservation?    | No  | Gestational carriers? | Yes | Verified lab accreditation? | No |

<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.