

# ARIZONA REPRODUCTIVE MEDICINE SPECIALISTS PHOENIX, ARIZONA

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

## 2015 ART CYCLE PROFILE

Data verified by Drew V. Moffitt, MD

| Type of ART and Procedural Factors <sup>a</sup> |      |           |     | Patient Diagnosis <sup>b</sup> |     |                |     |   |
|---|------|-----------|-----|--------------------------------|-----|----------------|-----|---|
| IVF   | 100% | With ICSI | 68% | Tubal factor                   | 19% | Uterine factor | 2%  | <i>Multiple Factors:</i><br>Female factors only 4%<br>Female & male factors 12% |
| Unstimulated                                    | 0%   | PGD/PGS   | 0%  | Ovulatory dysfunction          | 17% | Male factor    | 36% |   |
| Used gestational carrier                        | 0%   |           |     | Diminished ovarian reserve     | 42% | Other factor   | 3%  |   |
|   |      |           |     | Endometriosis                  | 2%  | Unknown factor | 3%  |   |

## 2015 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 319 (includes 15 cycle[s] using frozen eggs)

| Type of Cycle   | Age of Woman |                                  |         |       |                                   |       |
|---|--------------|----------------------------------|---------|-------|-----------------------------------|-------|
|   | <35          | 35–37                            | 38–40   | 41–42 | 43–44                             | >44   |
| <b>Fresh Embryos from Nondonor Eggs</b>   |              |                                  |         |       |                                   |       |
| Number of cycles  | 47           | 18                               | 13      | 6     | 3                                 | 3     |
| Percentage of cancellations before retrieval (%)  | 4.3          | 4 / 18                           | 2 / 13  | 2 / 6 | 1 / 3                             | 3 / 3 |
| Average number of embryos transferred   | 1.7          |                                  | 2.0     | 1.0   |                                   |       |
| Percentage of embryos transferred resulting in implantation (%)                                   | 2 / 5        |                                  | 1 / 2   | 0 / 1 |                                   |       |
| Percentage of elective single embryo transfers (eSET) (%)   | 0 / 2        |                                  | 0 / 1   | 1 / 1 |                                   |       |
| <b>Outcomes per Cycle</b>   |              |                                  |         |       |                                   |       |
| Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)    | 2.1          | 0 / 18                           | 1 / 13  | 0 / 6 | 0 / 3                             | 0 / 3 |
| Percentage of cycles resulting in singleton live births (%)                                       | 4.3          | 0 / 18                           | 1 / 13  | 0 / 6 | 0 / 3                             | 0 / 3 |
| Percentage of cycles resulting in twin live births (%)  | 0.0          | 0 / 18                           | 0 / 13  | 0 / 6 | 0 / 3                             | 0 / 3 |
| Percentage of cycles resulting in live births (%)   | 4.3          | 0 / 18                           | 1 / 13  | 0 / 6 | 0 / 3                             | 0 / 3 |
| Percentage of cycles resulting in pregnancies (%)   | 4.3          | 0 / 18                           | 1 / 13  | 0 / 6 | 0 / 3                             | 0 / 3 |
| <b>Outcomes per Transfer</b>  |              |                                  |         |       |                                   |       |
| Number of transfers   | 3            | 0                                | 1       | 1     | 0                                 | 0     |
| Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%) | 1 / 3        |                                  | 1 / 1   | 0 / 1 |                                   |       |
| Percentage of transfers resulting in singleton live births (%)                                    | 2 / 3        |                                  | 1 / 1   | 0 / 1 |                                   |       |
| Percentage of transfers resulting in twin live births (%)   | 0 / 3        |                                  | 0 / 1   | 0 / 1 |                                   |       |
| Percentage of transfers resulting in live births (%)  | 2 / 3        |                                  | 1 / 1   | 0 / 1 |                                   |       |
| Percentage of transfers resulting in pregnancies (%)  | 2 / 3        |                                  | 1 / 1   | 0 / 1 |                                   |       |
| <b>Frozen Embryos from Nondonor Eggs</b>  |              |                                  |         |       |                                   |       |
| Number of cycles  | 79           | 30                               | 21      | 7     | 3                                 | 1     |
| Number of transfers   | 74           | 27                               | 19      | 7     | 3                                 | 1     |
| Estimated average number of transfers per retrieval   | 1.2          | 1.2                              | 0.9     | 1.2   | 1.5                               |       |
| Average number of embryos transferred   | 1.5          | 1.4                              | 1.5     | 1.3   | 2.0                               | 3.0   |
| Percentage of embryos transferred resulting in implantation (%)                                   | 41.3         | 23.1                             | 42.9    | 1 / 9 | 2 / 6                             | 0 / 3 |
| Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%) | 20.3         | 18.5                             | 6 / 19  | 1 / 7 | 1 / 3                             | 0 / 1 |
| Percentage of transfers resulting in singleton live births (%)                                    | 27.0         | 22.2                             | 6 / 19  | 1 / 7 | 1 / 3                             | 0 / 1 |
| Percentage of transfers resulting in twin live births (%)   | 12.2         | 3.7                              | 2 / 19  | 0 / 7 | 0 / 3                             | 0 / 1 |
| Percentage of transfers resulting in live births (%)  | 39.2         | 25.9                             | 8 / 19  | 1 / 7 | 1 / 3                             | 0 / 1 |
| Percentage of transfers resulting in pregnancies (%)  | 54.1         | 29.6                             | 10 / 19 | 1 / 7 | 2 / 3                             | 0 / 1 |
| <b>Number of Egg/Embryo Banking Cycles</b>  |              |                                  |         |       |                                   |       |
|   | 25           | 9                                | 16      | 1     | 1                                 | 0     |
| <b>Donor Eggs</b>   |              | <b>Fresh Embryos<sup>f</sup></b> |         |       | <b>Frozen Embryos<sup>f</sup></b> |       |
| Number of cycles  |              | 3                                |         |       | 18                                |       |
| Number of transfers   |              | 0                                |         |       | 17                                |       |
| Average number of embryos transferred   |              |                                  |         |       | 1.4                               |       |
| Percentage of embryos transferred resulting in implantation (%)                                   |              |                                  |         |       | 56.5                              |       |
| Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%) |              |                                  |         |       | 6 / 17                            |       |
| Percentage of transfers resulting in singleton live births (%)                                    |              |                                  |         |       | 7 / 17                            |       |
| Percentage of transfers resulting in twin live births (%)   |              |                                  |         |       | 1 / 17                            |       |
| Percentage of transfers resulting in live births (%)  |              |                                  |         |       | 8 / 17                            |       |
| Percentage of transfers resulting in pregnancies (%)  |              |                                  |         |       | 10 / 17                           |       |

## CURRENT SERVICES & PROFILE

Current Name: Arizona Reproductive Medicine Specialists

|                |     |                          |     |               |     |                               |     |
|----------------|-----|--------------------------|-----|---------------|-----|-------------------------------|-----|
| 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.) |     |

<sup>a</sup> Reflects features of fresh nondonor cycles. If IVF is less than 100%, the remaining cycles are GIFT, ZIFT, or a combination of these procedures with IVF.

<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 includes those using frozen eggs. It excludes 0 cycle(s) evaluating new procedures. Both cycle types are excluded from ART success rates.

<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.