

## BLOOM REPRODUCTIVE INSTITUTE SCOTTSDALE, ARIZONA

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 Millie A. Behera, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	56%	Tubal factor	6%	Uterine factor	11%	Multiple Factors: Female factors only 17% Female & male factors 12%
Unstimulated	3%	PGD/PGS	45%	Ovulatory dysfunction	29%	Male factor	19%	
Used gestational carrier	<1%			Diminished ovarian reserve	40%	Other factor	12%	
				Endometriosis	10%	Unknown factor	11%	

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

Total number of cycles<sup>d</sup>: 485  
(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	20	20	22	8	19
Percentage of cancellations before retrieval (%)	0.0	15.0	18.2	5 / 8	5 / 19
Number of transfers	15	11	9	1	6
Average number of embryos transferred	1.5	1.5	1.4	1.0	2.3
Percentage of elective single embryo transfers (eSET) (%)	5 / 12	2 / 8	1 / 4		0 / 5
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	30.0	35.0	22.7	0 / 8	2 / 19
Percentage of cycles resulting in live births (%)	30.0	35.0	18.2	0 / 8	1 / 19
Percentage of cycles resulting in singleton live births (%)	25.0	30.0	13.6	0 / 8	0 / 19
Percentage of cycles resulting in twin live births (%)	5.0	5.0	4.5	0 / 8	1 / 19
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	20.0	25.0	9.1	0 / 8	0 / 19
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	31.8	8 / 17	6 / 13	0 / 1	3 / 14
Percentage of transfers resulting in pregnancies (%)	6 / 15	7 / 11	5 / 9	0 / 1	2 / 6
Percentage of transfers resulting in live births (%)	6 / 15	7 / 11	4 / 9	0 / 1	1 / 6
Percentage of transfers resulting in singleton live births (%)	5 / 15	6 / 11	3 / 9	0 / 1	0 / 6
Percentage of transfers resulting in twin live births (%)	1 / 15	1 / 11	1 / 9	0 / 1	1 / 6
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	4 / 15	5 / 11	2 / 9	0 / 1	0 / 6
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	84	41	24	9	1
Number of transfers	83	41	22	9	1
Estimated average number of transfers per retrieval	0.8	0.7	0.6	0.4	0.3
Average number of embryos transferred	1.7	1.8	1.5	1.9	1.0
Percentage of embryos transferred resulting in implantation (%)	51.4	62.1	40.7	4 / 16	0 / 1
Percentage of transfers resulting in pregnancies (%)	65.1	75.6	59.1	5 / 9	0 / 1
Percentage of transfers resulting in live births (%)	54.2	65.9	36.4	4 / 9	0 / 1
Percentage of transfers resulting in singleton live births (%)	34.9	36.6	31.8	4 / 9	0 / 1
Percentage of transfers resulting in twin live births (%)	18.1	29.3	4.5	0 / 9	0 / 1
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	28.9	26.8	22.7	1 / 9	0 / 1
<b>Number of Egg or Embryo Banking Cycles</b>					
	97	52	36	23	4
Number of fertility preservation cycles	14	22	17	14	2
<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	3	7	15	0	
Number of transfers	3	7	15	0	
Average number of embryos transferred	1.3	1.6	1.7		
Percentage of embryos transferred resulting in implantation (%)	3 / 4	8 / 11	22.7		
Percentage of transfers resulting in pregnancies (%)	2 / 3	5 / 7	7 / 15		
Percentage of transfers resulting in live births (%)	2 / 3	5 / 7	5 / 15		
Percentage of transfers resulting in singleton live births (%)	2 / 3	2 / 7	5 / 15		
Percentage of transfers resulting in twin live births (%)	0 / 3	3 / 7	0 / 15		
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	1 / 3	2 / 7	1 / 15		

### CURRENT SERVICES & PROFILE

Current Name: Bloom Reproductive Institute

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.