

# REGIONAL ONE HEALTH REPRODUCTIVE MEDICINE MEMPHIS, TENNESSEE

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 Laura Detti, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	81%	Tubal factor	19%	Uterine factor	24%	Multiple Factors: Female factors only 42% Female & male factors 52%
Unstimulated	0%	PGD/PGS	2%	Ovulatory dysfunction	79%	Male factor	52%	
Used gestational carrier	3%			Diminished ovarian reserve	34%	Other factor	65%	
				Endometriosis	15%	Unknown factor	0%	

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

Total number of cycles<sup>d</sup>: 86  
(includes 2 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	24	5	6	5	0
Percentage of cancellations before retrieval (%)	8.3	0 / 5	0 / 6	1 / 5	
Number of transfers	22	5	5	3	0
Average number of embryos transferred	1.9	1.8	2.8	3.3	
Percentage of elective single embryo transfers (eSET) (%)	18.2	0 / 4	0 / 5	0 / 3	
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	41.7	4 / 5	2 / 6	0 / 5	
Percentage of cycles resulting in live births (%)	41.7	4 / 5	2 / 6	0 / 5	
Percentage of cycles resulting in singleton live births (%)	25.0	2 / 5	1 / 6	0 / 5	
Percentage of cycles resulting in twin live births (%)	16.7	2 / 5	1 / 6	0 / 5	
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	20.8	2 / 5	1 / 6	0 / 5	
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	35.7	6 / 9	3 / 14	0 / 10	
Percentage of transfers resulting in pregnancies (%)	45.5	4 / 5	2 / 5	0 / 3	
Percentage of transfers resulting in live births (%)	45.5	4 / 5	2 / 5	0 / 3	
Percentage of transfers resulting in singleton live births (%)	27.3	2 / 5	1 / 5	0 / 3	
Percentage of transfers resulting in twin live births (%)	18.2	2 / 5	1 / 5	0 / 3	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	22.7	2 / 5	1 / 5	0 / 3	
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	9	7	1	0	1
Number of transfers	8	4	1	0	1
Estimated average number of transfers per retrieval	0.9		0.1	0.0	0.1
Average number of embryos transferred	1.8	1.5	3.0		3.0
Percentage of embryos transferred resulting in implantation (%)	6 / 14	3 / 6	0 / 3		0 / 3
Percentage of transfers resulting in pregnancies (%)	5 / 8	2 / 4	0 / 1		0 / 1
Percentage of transfers resulting in live births (%)	5 / 8	2 / 4	0 / 1		0 / 1
Percentage of transfers resulting in singleton live births (%)	4 / 8	1 / 4	0 / 1		0 / 1
Percentage of transfers resulting in twin live births (%)	1 / 8	1 / 4	0 / 1		0 / 1
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	4 / 8	1 / 4	0 / 1		0 / 1
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	4	0	9	3	8
	0	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	1	1	0	0	
Number of transfers	1	1	0	0	
Average number of embryos transferred	1.0	2.0			
Percentage of embryos transferred resulting in implantation (%)	0 / 1	0 / 2			
Percentage of transfers resulting in pregnancies (%)	0 / 1	0 / 1			
Percentage of transfers resulting in live births (%)	0 / 1	0 / 1			
Percentage of transfers resulting in singleton live births (%)	0 / 1	0 / 1			
Percentage of transfers resulting in twin live births (%)	0 / 1	0 / 1			
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	0 / 1	0 / 1			

## CURRENT SERVICES & PROFILE

Current Name: Regional One Health Reproductive Medicine

Donor eggs?	Yes	Embryo cryopreservation?	Yes	Single women?	Yes	SART member?	Yes
Donor embryos?	No	Egg cryopreservation?	Yes	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.