

# TENNESSEE REPRODUCTIVE MEDICINE CHATTANOOGA, TENNESSEE

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 Ringland S. Murray, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	91%	Tubal factor	22%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 24% Female & male factors 16%
Unstimulated	6%	PGD/PGS	3%	Ovulatory dysfunction	12%	Male factor	32%	
Used gestational carrier	3%			Diminished ovarian reserve	13%	Other factor	42%	
				Endometriosis	12%	Unknown factor	12%	

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

Total number of cycles<sup>d</sup>: 240 (includes 10 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	60	18	11	8	0	1
Percentage of cancellations before retrieval (%)	5.0	0 / 18	1 / 11	0 / 8		0 / 1
Average number of embryos transferred	1.8	1.8	1.5	1.6		
Percentage of embryos transferred resulting in implantation (%)	40.3	5 / 19	3 / 9	2 / 8		
Percentage of elective single embryo transfers (eSET) (%)	28.6	1 / 10	0 / 3	0 / 3		
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	23.3	1 / 18	2 / 11	0 / 8		0 / 1
Percentage of cycles resulting in singleton live births (%)	30.0	3 / 18	2 / 11	0 / 8		0 / 1
Percentage of cycles resulting in twin live births (%)	10.0	1 / 18	0 / 11	1 / 8		0 / 1
Percentage of cycles resulting in live births (%)	40.0	4 / 18	2 / 11	1 / 8		0 / 1
Percentage of cycles resulting in pregnancies (%)	45.0	5 / 18	2 / 11	1 / 8		0 / 1
<b>Outcomes per Transfer</b>						
Number of transfers	45	11	6	5	0	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	31.1	1 / 11	2 / 6	0 / 5		
Percentage of transfers resulting in singleton live births (%)	40.0	3 / 11	2 / 6	0 / 5		
Percentage of transfers resulting in twin live births (%)	13.3	1 / 11	0 / 6	1 / 5		
Percentage of transfers resulting in live births (%)	53.3	4 / 11	2 / 6	1 / 5		
Percentage of transfers resulting in pregnancies (%)	60.0	5 / 11	2 / 6	1 / 5		
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	38	22	13	3	1	0
Number of transfers	38	21	13	2	1	0
Estimated average number of transfers per retrieval	1.9	1.6	0.9	0.5	1.0	
Average number of embryos transferred	1.5	1.6	1.5	2.0	1.0	
Percentage of embryos transferred resulting in implantation (%)	64.3	60.6	11 / 18	2 / 4	1 / 1	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	34.2	42.9	3 / 13	1 / 2	1 / 1	
Percentage of transfers resulting in singleton live births (%)	44.7	57.1	7 / 13	1 / 2	1 / 1	
Percentage of transfers resulting in twin live births (%)	18.4	9.5	1 / 13	0 / 2	0 / 1	
Percentage of transfers resulting in live births (%)	63.2	66.7	8 / 13	1 / 2	1 / 1	
Percentage of transfers resulting in pregnancies (%)	71.1	81.0	11 / 13	2 / 2	1 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	8	8	13	2	1	0
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		6		17		
Number of transfers		1		15		
Average number of embryos transferred		1.0		1.3		
Percentage of embryos transferred resulting in implantation (%)		0 / 1		10 / 17		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		0 / 1		5 / 15		
Percentage of transfers resulting in singleton live births (%)		0 / 1		6 / 15		
Percentage of transfers resulting in twin live births (%)		0 / 1		0 / 15		
Percentage of transfers resulting in live births (%)		0 / 1		6 / 15		
Percentage of transfers resulting in pregnancies (%)		0 / 1		10 / 15		

## CURRENT SERVICES & PROFILE

Current Name: Tennessee Reproductive Medicine

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.