

# 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).

## 2013 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	81%	Tubal factor	20%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 23% Female & male factors 20%
Unstimulated	2%	Used PGD	19%	Ovulatory dysfunction	18%	Male factor	42%	
Used gestational carrier	1%			Diminished ovarian reserve	22%	Other factor	23%	
				Endometriosis	14%	Unknown factor	7%	

## 2013 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 139 (includes 2 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	51	24	16	2	2	0
Percentage of cancellations (%)	7.8	0.0	2 / 16	0 / 2	0 / 2	
Average number of embryos transferred	1.7	1.9	1.6	2.5	3.0	
Percentage of embryos transferred resulting in implantation (%)	56.8	40.5	6 / 16	1 / 5	0 / 6	
Percentage of elective single embryo transfers (eSET) (%)	25.0	1 / 15	0 / 5	0 / 2	0 / 2	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	33.3	29.2	2 / 16	1 / 2	0 / 2	
Percentage of cycles resulting in singleton live births (%)	41.2	29.2	5 / 16	1 / 2	0 / 2	
Percentage of cycles resulting in twin live births (%)	17.6	8.3	0 / 16	0 / 2	0 / 2	
Percentage of cycles resulting in live births (%)	58.8	37.5	5 / 16	1 / 2	0 / 2	
Percentage of cycles resulting in pregnancies (%)	62.7	50.0	5 / 16	1 / 2	0 / 2	
<b>Outcomes per Transfer</b>						
Number of transfers	43	19	10	2	2	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	39.5	7 / 19	2 / 10	1 / 2	0 / 2	
Percentage of transfers resulting in singleton live births (%)	48.8	7 / 19	5 / 10	1 / 2	0 / 2	
Percentage of transfers resulting in twin live births (%)	20.9	2 / 19	0 / 10	0 / 2	0 / 2	
Percentage of transfers resulting in live births (%)	69.8	9 / 19	5 / 10	1 / 2	0 / 2	
Percentage of transfers resulting in pregnancies (%)	74.4	12 / 19	5 / 10	1 / 2	0 / 2	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	17	8	6	0	0	0
Number of transfers	17	8	6	0	0	0
Estimated average number of transfers per retrieval	4.3	2.7	3.0			
Average number of embryos transferred	1.8	1.9	1.7			
Percentage of embryos transferred resulting in implantation (%)	53.3	4 / 15	1 / 10			
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	5 / 17	1 / 8	0 / 6			
Percentage of transfers resulting in singleton live births (%)	7 / 17	1 / 8	0 / 6			
Percentage of transfers resulting in twin live births (%)	2 / 17	0 / 8	0 / 6			
Percentage of transfers resulting in live births (%)	10 / 17	1 / 8	0 / 6			
Percentage of transfers resulting in pregnancies (%)	11 / 17	4 / 8	1 / 6			
<b>Number of Egg/Embryo Banking Cycles</b>						
	0	0	0	0	0	0
<b>Donor Eggs</b>						
	<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>		
Number of cycles	7			4		
Number of transfers	7			4		
Average number of embryos transferred	1.6			1.8		
Percentage of embryos transferred resulting in implantation (%)	7 / 11			0 / 5		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	3 / 7			0 / 4		
Percentage of transfers resulting in singleton live births (%)	3 / 7			0 / 4		
Percentage of transfers resulting in twin live births (%)	2 / 7			0 / 4		
Percentage of transfers resulting in live births (%)	5 / 7			0 / 4		
Percentage of transfers resulting in pregnancies (%)	5 / 7			1 / 4		

## 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 <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 (e.g., 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.