

## PIEDMONT REPRODUCTIVE ENDOCRINOLOGY GROUP, PA GREENVILLE, SOUTH CAROLINA

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

### 2014 ART CYCLE PROFILE

Data verified by John E. Nichols, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	98%	Tubal factor	9%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 6% Female & male factors 39%
Unstimulated	0%	PGD/PGS	<1%	Ovulatory dysfunction	47%	Male factor	58%	
Used gestational carrier	1%			Diminished ovarian reserve	30%	Other factor	4%	
				Endometriosis	4%	Unknown factor	<1%	

### 2014 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 314 (includes 0 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	92	33	33	11	2	0
Percentage of cancellations before retrieval (%)	0.0	6.1	0.0	0 / 11	0 / 2	
Average number of embryos transferred	2.1	2.4	3.0	3.7	4.5	
Percentage of embryos transferred resulting in implantation (%)	48.1	23.0	11.1	24.3	1 / 9	
Percentage of elective single embryo transfers (eSET) (%)	7.1	0.0	8.0	0 / 10	0 / 2	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	32.6	12.1	6.1	2 / 11	0 / 2	
Percentage of cycles resulting in singleton live births (%)	37.0	18.2	6.1	2 / 11	0 / 2	
Percentage of cycles resulting in twin live births (%)	14.1	9.1	6.1	1 / 11	0 / 2	
Percentage of cycles resulting in live births (%)	54.3	27.3	12.1	4 / 11	0 / 2	
Percentage of cycles resulting in pregnancies (%)	63.0	36.4	21.2	5 / 11	1 / 2	
<b>Outcomes per Transfer</b>						
Number of transfers	85	31	27	10	2	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	35.3	12.9	7.4	2 / 10	0 / 2	
Percentage of transfers resulting in singleton live births (%)	40.0	19.4	7.4	2 / 10	0 / 2	
Percentage of transfers resulting in twin live births (%)	15.3	9.7	7.4	1 / 10	0 / 2	
Percentage of transfers resulting in live births (%)	58.8	29.0	14.8	4 / 10	0 / 2	
Percentage of transfers resulting in pregnancies (%)	68.2	38.7	25.9	5 / 10	1 / 2	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	41	20	13	1	1	0
Number of transfers	41	20	13	1	1	0
Estimated average number of transfers per retrieval	2.0	3.3	0.9	1.0	0.5	
Average number of embryos transferred	2.0	1.8	2.2	2.0	2.0	
Percentage of embryos transferred resulting in implantation (%)	24.1	27.8	21.4	0 / 2	2 / 2	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	24.4	15.0	2 / 13	0 / 1	0 / 1	
Percentage of transfers resulting in singleton live births (%)	26.8	30.0	2 / 13	0 / 1	0 / 1	
Percentage of transfers resulting in twin live births (%)	7.3	5.0	1 / 13	0 / 1	0 / 1	
Percentage of transfers resulting in live births (%)	34.1	35.0	3 / 13	0 / 1	0 / 1	
Percentage of transfers resulting in pregnancies (%)	41.5	45.0	5 / 13	0 / 1	1 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	7	4	7	1	2	0
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		15		31		
Number of transfers		12		31		
Average number of embryos transferred		1.8		2.0		
Percentage of embryos transferred resulting in implantation (%)		77.3		45.9		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		3 / 12		9.7		
Percentage of transfers resulting in singleton live births (%)		3 / 12		25.8		
Percentage of transfers resulting in twin live births (%)		6 / 12		22.6		
Percentage of transfers resulting in live births (%)		9 / 12		48.4		
Percentage of transfers resulting in pregnancies (%)		11 / 12		61.3		

### CURRENT SERVICES & PROFILE

Current Name: Piedmont Reproductive Endocrinology Group, PA

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.