

# 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).

## 2015 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	96%	Tubal factor	11%	Uterine factor	5%	Multiple Factors: Female factors only 6% Female & male factors 33%
Unstimulated	0%	PGD/PGS	2%	Ovulatory dysfunction	28%	Male factor	50%	
Used gestational carrier	<1%			Diminished ovarian reserve	24%	Other factor	11%	
				Endometriosis	4%	Unknown factor	9%	

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

Total number of cycles<sup>d</sup>: 399 (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	108	47	34	4	7	5
Percentage of cancellations before retrieval (%)	1.9	4.3	5.9	0 / 4	0 / 7	0 / 5
Average number of embryos transferred	1.9	2.3	2.7	2.3	2.3	2.7
Percentage of embryos transferred resulting in implantation (%)	50.0	35.1	18.2	1 / 7	0 / 14	0 / 8
Percentage of elective single embryo transfers (eSET) (%)	21.7	4.7	0.0	0 / 3	0 / 5	0 / 3
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	24.1	29.8	14.7	1 / 4	0 / 7	0 / 5
Percentage of cycles resulting in singleton live births (%)	30.6	34.0	17.6	1 / 4	0 / 7	0 / 5
Percentage of cycles resulting in twin live births (%)	11.1	8.5	8.8	0 / 4	0 / 7	0 / 5
Percentage of cycles resulting in live births (%)	47.2	42.6	26.5	1 / 4	0 / 7	0 / 5
Percentage of cycles resulting in pregnancies (%)	56.5	57.4	32.4	1 / 4	0 / 7	0 / 5
<b>Outcomes per Transfer</b>						
Number of transfers	95	43	29	3	6	3
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	27.4	32.6	17.2	1 / 3	0 / 6	0 / 3
Percentage of transfers resulting in singleton live births (%)	34.7	37.2	20.7	1 / 3	0 / 6	0 / 3
Percentage of transfers resulting in twin live births (%)	12.6	9.3	10.3	0 / 3	0 / 6	0 / 3
Percentage of transfers resulting in live births (%)	53.7	46.5	31.0	1 / 3	0 / 6	0 / 3
Percentage of transfers resulting in pregnancies (%)	64.2	62.8	37.9	1 / 3	0 / 6	0 / 3
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	62	23	25	2	2	0
Number of transfers	61	23	25	2	2	0
Estimated average number of transfers per retrieval	1.9	2.9	2.5	1.0	0.7	
Average number of embryos transferred	1.7	2.1	1.8	1.5	2.5	
Percentage of embryos transferred resulting in implantation (%)	36.2	31.3	22.2	3 / 3	2 / 5	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	26.2	8.7	16.0	1 / 2	0 / 2	
Percentage of transfers resulting in singleton live births (%)	27.9	17.4	24.0	1 / 2	0 / 2	
Percentage of transfers resulting in twin live births (%)	8.2	4.3	4.0	1 / 2	1 / 2	
Percentage of transfers resulting in live births (%)	37.7	21.7	28.0	2 / 2	1 / 2	
Percentage of transfers resulting in pregnancies (%)	45.9	39.1	36.0	2 / 2	1 / 2	
<b>Number of Egg/Embryo Banking Cycles</b>						
	13	0	2	2	0	0
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		30			31	
Number of transfers		27			31	
Average number of embryos transferred		1.7			2.0	
Percentage of embryos transferred resulting in implantation (%)		63.0			33.3	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		14.8			16.1	
Percentage of transfers resulting in singleton live births (%)		22.2			25.8	
Percentage of transfers resulting in twin live births (%)		33.3			12.9	
Percentage of transfers resulting in live births (%)		55.6			41.9	
Percentage of transfers resulting in pregnancies (%)		70.4			48.4	

## 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.