

## ATLANTIC REPRODUCTIVE MEDICINE SPECIALISTS RALEIGH, NORTH 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 Susannah D. Copland, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	76%	Tubal factor	12%	Uterine factor	13%	<i>Multiple Factors:</i> Female factors only 10% Female & male factors 36%
Unstimulated	0%	PGD/PGS	1%	Ovulatory dysfunction	16%	Male factor	51%	
Used gestational carrier	0%			Diminished ovarian reserve	37%	Other factor	18%	
				Endometriosis	11%	Unknown factor	7%	

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

Total number of cycles<sup>d</sup>: 211 (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	27	20	19	14	5	3
Percentage of cancellations before retrieval (%)	11.1	10.0	3 / 19	2 / 14	1 / 5	0 / 3
Average number of embryos transferred	1.5	1.5	1.8	1.8	1.5	1.5
Percentage of embryos transferred resulting in implantation (%)	30.8	57.1	5 / 14	2 / 8	1 / 3	0 / 2
Percentage of elective single embryo transfers (eSET) (%)	6 / 16	3 / 10	1 / 6	0 / 4	0 / 1	0 / 1
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	18.5	35.0	1 / 19	2 / 14	1 / 5	0 / 3
Percentage of cycles resulting in singleton live births (%)	22.2	40.0	3 / 19	2 / 14	1 / 5	0 / 3
Percentage of cycles resulting in twin live births (%)	3.7	5.0	1 / 19	0 / 14	0 / 5	0 / 3
Percentage of cycles resulting in live births (%)	25.9	45.0	4 / 19	2 / 14	1 / 5	0 / 3
Percentage of cycles resulting in pregnancies (%)	33.3	55.0	4 / 19	3 / 14	1 / 5	1 / 3
<b>Outcomes per Transfer</b>						
Number of transfers	19	14	8	5	2	2
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	5 / 19	7 / 14	1 / 8	2 / 5	1 / 2	0 / 2
Percentage of transfers resulting in singleton live births (%)	6 / 19	8 / 14	3 / 8	2 / 5	1 / 2	0 / 2
Percentage of transfers resulting in twin live births (%)	1 / 19	1 / 14	1 / 8	0 / 5	0 / 2	0 / 2
Percentage of transfers resulting in live births (%)	7 / 19	9 / 14	4 / 8	2 / 5	1 / 2	0 / 2
Percentage of transfers resulting in pregnancies (%)	9 / 19	11 / 14	4 / 8	3 / 5	1 / 2	1 / 2
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	31	9	11	2	1	0
Number of transfers	31	8	11	2	1	0
Estimated average number of transfers per retrieval	1.2	1.0	1.6	1.0	1.0	0.0
Average number of embryos transferred	1.2	1.5	1.5	2.0	1.0	
Percentage of embryos transferred resulting in implantation (%)	45.7	7 / 12	4 / 16	1 / 2	0 / 1	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	32.3	5 / 8	2 / 11	1 / 2	0 / 1	
Percentage of transfers resulting in singleton live births (%)	35.5	5 / 8	2 / 11	1 / 2	0 / 1	
Percentage of transfers resulting in twin live births (%)	0.0	0 / 8	0 / 11	0 / 2	0 / 1	
Percentage of transfers resulting in live births (%)	35.5	5 / 8	2 / 11	1 / 2	0 / 1	
Percentage of transfers resulting in pregnancies (%)	51.6	6 / 8	3 / 11	2 / 2	0 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	21	7	5	2	1	5
<b>Donor Eggs</b>						
		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		11			17	
Number of transfers		11			17	
Average number of embryos transferred		1.1			1.2	
Percentage of embryos transferred resulting in implantation (%)		7 / 10			9 / 19	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		6 / 11			3 / 17	
Percentage of transfers resulting in singleton live births (%)		7 / 11			6 / 17	
Percentage of transfers resulting in twin live births (%)		0 / 11			0 / 17	
Percentage of transfers resulting in live births (%)		7 / 11			6 / 17	
Percentage of transfers resulting in pregnancies (%)		9 / 11			9 / 17	

### CURRENT SERVICES & PROFILE

Current Name: Atlantic Reproductive Medicine Specialists

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.