

# CAROLINAS FERTILITY INSTITUTE WINSTON SALEM, NORTH CAROLINA

Comparing success rates across clinics may not be meaningful. Patient medical characteristics and treatment approaches vary (see pages 11–21).

## 2016 ART CYCLE PROFILE

Data verified by Tamer M. Yalcinkaya, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	86%	Tubal factor	12%	Uterine factor	4%	Multiple Factors: Female factors only 13% Female & male factors 21%
Unstimulated	0%	PGD/PGS	26%	Ovulatory dysfunction	19%	Male factor	35%	
Used gestational carrier	<1%			Diminished ovarian reserve	29%	Other factor	13%	
				Endometriosis	16%	Unknown factor	13%	

## 2016 ART SUCCESS RATES<sup>c,d</sup>

Total number of cycles<sup>d</sup>: 387  
(includes 0 cycle[s] using fresh embryos from frozen nondonor eggs)

Type of Cycle	Age of Patient				
	<35	35–37	38–40	41–42	>42
<b>Fresh Embryos from Fresh Nondonor Eggs</b>					
Number of cycles	79	38	12	3	7
Percentage of cancellations before retrieval (%)	7.6	13.2	0 / 12	1 / 3	2 / 7
Number of transfers	67	26	8	0	0
Average number of embryos transferred	1.5	2.0	2.1		
Percentage of elective single embryo transfers (eSET) (%)	53.7	4.2	0 / 8		
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	60.8	44.7	5 / 12	0 / 3	0 / 7
Percentage of cycles resulting in live births (%)	50.6	36.8	2 / 12	0 / 3	0 / 7
Percentage of cycles resulting in singleton live births (%)	40.5	26.3	2 / 12	0 / 3	0 / 7
Percentage of cycles resulting in twin live births (%)	10.1	10.5	0 / 12	0 / 3	0 / 7
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	16.5	15.8	1 / 12	0 / 3	0 / 7
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	58.4	44.7	3 / 12		
Percentage of transfers resulting in pregnancies (%)	71.6	65.4	5 / 8		
Percentage of transfers resulting in live births (%)	59.7	53.8	2 / 8		
Percentage of transfers resulting in singleton live births (%)	47.8	38.5	2 / 8		
Percentage of transfers resulting in twin live births (%)	11.9	15.4	0 / 8		
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	19.4	23.1	1 / 8		
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	53	27	32	13	4
Number of transfers	49	24	30	11	3
Estimated average number of transfers per retrieval	1.2	1.7	0.7	0.7	0.2
Average number of embryos transferred	1.5	1.5	1.2	1.2	2.3
Percentage of embryos transferred resulting in implantation (%)	46.2	68.6	68.8	5 / 13	1 / 7
Percentage of transfers resulting in pregnancies (%)	63.3	83.3	76.7	5 / 11	1 / 3
Percentage of transfers resulting in live births (%)	44.9	66.7	63.3	5 / 11	1 / 3
Percentage of transfers resulting in singleton live births (%)	36.7	41.7	56.7	5 / 11	1 / 3
Percentage of transfers resulting in twin live births (%)	8.2	25.0	6.7	0 / 11	0 / 3
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	22.4	29.2	30.0	4 / 11	0 / 3
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	27	7	41	14	11
	4	2	1	0	0
<b>Donor Eggs<sup>f</sup></b>					
	<b>Fresh Eggs</b>	<b>Frozen Eggs</b>	<b>Frozen Embryos</b>	<b>Donated Embryos</b>	
Number of cycles	11	0	8	0	
Number of transfers	11	0	8	0	
Average number of embryos transferred	1.0		1.4		
Percentage of embryos transferred resulting in implantation (%)	8 / 11		6 / 11		
Percentage of transfers resulting in pregnancies (%)	8 / 11		6 / 8		
Percentage of transfers resulting in live births (%)	7 / 11		5 / 8		
Percentage of transfers resulting in singleton live births (%)	7 / 11		5 / 8		
Percentage of transfers resulting in twin live births (%)	0 / 11		0 / 8		
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	4 / 11		4 / 8		

## CURRENT SERVICES & PROFILE

Current Name: Carolinas Fertility Institute

Donor eggs?	Yes	Embryo cryopreservation?	Yes	Single women?	Yes	SART member?	Yes
Donor embryos?	Yes	Egg cryopreservation?	Yes	Gestational carriers?	Yes	Verified lab accreditation?	Yes

<sup>a</sup> Excludes cycles evaluating new procedures and banking cycles; unstimulated percentage includes fresh egg cycles only.

<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 and success rates exclude 0 cycle(s) evaluating new procedures. Success rates exclude cycles using fresh embryos from frozen nondonor eggs.

<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.