

## UNC FERTILITY 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 Jennifer E. Mersereau, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	61%	Tubal factor	16%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 5% Female & male factors 9%
Unstimulated	0%	PGD/PGS	1%	Ovulatory dysfunction	13%	Male factor	34%	
Used gestational carrier	0%			Diminished ovarian reserve	18%	Other factor	6%	
				Endometriosis	6%	Unknown factor	20%	

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

Total number of cycles<sup>d</sup>: 426 (includes 13 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	110	50	44	16	2	1
Percentage of cancellations before retrieval (%)	4.5	10.0	11.4	6 / 16	1 / 2	1 / 1
Average number of embryos transferred	1.2	1.8	2.2	3.0		
Percentage of embryos transferred resulting in implantation (%)	42.0	39.1	34.2	18.5		
Percentage of elective single embryo transfers (eSET) (%)	74.4	15.6	3.1	0 / 8		
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	29.1	24.0	15.9	1 / 16	0 / 2	0 / 1
Percentage of cycles resulting in singleton live births (%)	36.4	30.0	20.5	2 / 16	0 / 2	0 / 1
Percentage of cycles resulting in twin live births (%)	1.8	8.0	11.4	1 / 16	0 / 2	0 / 1
Percentage of cycles resulting in live births (%)	38.2	38.0	31.8	3 / 16	0 / 2	0 / 1
Percentage of cycles resulting in pregnancies (%)	46.4	42.0	45.5	4 / 16	0 / 2	0 / 1
<b>Outcomes per Transfer</b>						
Number of transfers	96	39	35	9	0	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	33.3	30.8	20.0	1 / 9		
Percentage of transfers resulting in singleton live births (%)	41.7	38.5	25.7	2 / 9		
Percentage of transfers resulting in twin live births (%)	2.1	10.3	14.3	1 / 9		
Percentage of transfers resulting in live births (%)	43.8	48.7	40.0	3 / 9		
Percentage of transfers resulting in pregnancies (%)	53.1	53.8	57.1	4 / 9		
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	64	26	24	3	1	2
Number of transfers	62	25	23	3	1	0
Estimated average number of transfers per retrieval	1.2	1.6	0.7	0.6	1.0	
Average number of embryos transferred	1.4	1.5	1.6	1.7	1.0	
Percentage of embryos transferred resulting in implantation (%)	45.9	50.0	43.2	3 / 5	0 / 1	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	35.5	28.0	26.1	1 / 3	0 / 1	
Percentage of transfers resulting in singleton live births (%)	41.9	32.0	30.4	1 / 3	0 / 1	
Percentage of transfers resulting in twin live births (%)	9.7	20.0	13.0	1 / 3	0 / 1	
Percentage of transfers resulting in live births (%)	51.6	52.0	43.5	2 / 3	0 / 1	
Percentage of transfers resulting in pregnancies (%)	54.8	56.0	56.5	2 / 3	0 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	13	7	16	4	1	0
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		11			18	
Number of transfers		10			16	
Average number of embryos transferred		1.3			1.5	
Percentage of embryos transferred resulting in implantation (%)		10 / 13			34.8	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		6 / 10			2 / 16	
Percentage of transfers resulting in singleton live births (%)		6 / 10			2 / 16	
Percentage of transfers resulting in twin live births (%)		2 / 10			2 / 16	
Percentage of transfers resulting in live births (%)		8 / 10			4 / 16	
Percentage of transfers resulting in pregnancies (%)		8 / 10			6 / 16	

### CURRENT SERVICES & PROFILE

Current Name: UNC Fertility

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.