DUKE FERTILITY CENTER
DUKE UNIVERSITY MEDICAL CENTER
DURHAM, NORTH CAROLINA

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

2013 ART CYCLE PROFILE

Data verified by Suheil J. Muasher, MD

Type of ART and Procedural Factors[a]

IVF	100%	With ICSI	80%
Unstimulated	0%	Used PGD	1%
Used gestational carrier	2%		

Patient Diagnosis[b]

Tubal factor	8%	Uterine factor	5%	*Multiple Factors:*	
Ovulatory dysfunction	11%	Male factor	37%	Female factors only	11%
Diminished ovarian reserve	28%	Other factor	12%	Female & male factors	12%
Endometriosis	13%	Unknown factor	14%		

2013 ART SUCCESS RATES[c]

Total number of cycles[d]: 336 (includes 0 cycle[s] using frozen eggs)

Type of Cycle	Age of Woman					
	<35	35–37	38–40	41–42	43–44	>44
Fresh Embryos from Nondonor Eggs						
Number of cycles	79	45	31	19	8	0
Percentage of cancellations (%)	6.3	4.4	6.5	2 / 19	0 / 8	
Average number of embryos transferred	2.0	2.2	2.2	2.6	2.1	
Percentage of embryos transferred resulting in implantation (%)	36.1	31.8	25.5	11.1	0 / 16	
Percentage of elective single embryo transfers (eSET) (%)	10.6	2.8	0.0	0 / 12	0 / 6	
Outcomes per Cycle						
Percentage of cycles resulting in term, normal weight & singleton live births[e] (%)	24.1	20.0	9.7	2 / 19	0 / 8	
Percentage of cycles resulting in singleton live births (%)	27.8	22.2	16.1	2 / 19	0 / 8	
Percentage of cycles resulting in twin live births (%)	13.9	17.8	9.7	0 / 19	0 / 8	
Percentage of cycles resulting in live births (%)	41.8	40.0	25.8	2 / 19	0 / 8	
Percentage of cycles resulting in pregnancies (%)	48.1	42.2	38.7	4 / 19	1 / 8	
Outcomes per Transfer						
Number of transfers	70	40	27	15	8	0
Percentage of transfers resulting in term, normal weight & singleton live births[e] (%)	27.1	22.5	11.1	2 / 15	0 / 8	
Percentage of transfers resulting in singleton live births (%)	31.4	25.0	18.5	2 / 15	0 / 8	
Percentage of transfers resulting in twin live births (%)	15.7	20.0	11.1	0 / 15	0 / 8	
Percentage of transfers resulting in live births (%)	47.1	45.0	29.6	2 / 15	0 / 8	
Percentage of transfers resulting in pregnancies (%)	54.3	47.5	44.4	4 / 15	1 / 8	
Frozen Embryos from Nondonor Eggs						
Number of cycles	53	26	18	5	4	0
Number of transfers	51	20	15	5	3	0
Estimated average number of transfers per retrieval	2.0	2.9	7.5			
Average number of embryos transferred	1.9	2.3	2.1	2.8	2.0	
Percentage of embryos transferred resulting in implantation (%)	29.0	4.4	18.5	2 / 14	1 / 6	
Percentage of transfers resulting in term, normal weight & singleton live births[e] (%)	25.5	5.0	2 / 15	1 / 5	1 / 3	
Percentage of transfers resulting in singleton live births (%)	31.4	5.0	3 / 15	2 / 5	1 / 3	
Percentage of transfers resulting in twin live births (%)	3.9	0.0	0 / 15	0 / 5	0 / 3	
Percentage of transfers resulting in live births (%)	35.3	5.0	3 / 15	2 / 5	1 / 3	
Percentage of transfers resulting in pregnancies (%)	45.1	10.0	6 / 15	2 / 5	1 / 3	
Number of Egg/Embryo Banking Cycles	3	1	0	0	0	0

Donor Eggs	Fresh Embryos[f]	Frozen Embryos[f]
Number of cycles	30	14
Number of transfers	29	12
Average number of embryos transferred	1.8	1.9
Percentage of embryos transferred resulting in implantation (%)	56.0	25.0
Percentage of transfers resulting in term, normal weight & singleton live births[e] (%)	37.9	5 / 12
Percentage of transfers resulting in singleton live births (%)	48.3	5 / 12
Percentage of transfers resulting in twin live births (%)	17.2	0 / 12
Percentage of transfers resulting in live births (%)	65.5	5 / 12
Percentage of transfers resulting in pregnancies (%)	75.9	6 / 12

CURRENT SERVICES & PROFILE

Current Name: Duke Fertility Center, Duke University Medical Center

Donor eggs?	Yes	Gestational carriers?	Yes	Single women?	Yes	Verified lab accreditation?	Yes
Donor embryos?	No	Embryo cryopreservation?	Yes	SART member?	Yes	(See Appendix C for details.)	

[a] Reflects features of fresh nondonor cycles. If IVF is <100%, the remaining cycles are GIFT, ZIFT, or a combination of these procedures with IVF.
[b] Total patient diagnosis percentages may be greater than 100% because more than one diagnosis can be reported for each ART cycle.
[c] Fractions are used for rates with denominators less than 20. Multiple-infant births (e.g., twins) with at least one live infant are counted as one live birth.
[d] 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.
[e] 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).
[f] All ages are reported together because previous data show that patient age does not materially affect success with donor eggs.