

# NORTHWESTERN UNIVERSITY CHICAGO, ILLINOIS

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 Mary Ellen Pavone, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	82%	Tubal factor	8%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 3% Female & male factors 10%
Unstimulated	<1%	PGD/PGS	<1%	Ovulatory dysfunction	13%	Male factor	28%	
Used gestational carrier	1%			Diminished ovarian reserve	31%	Other factor	5%	
				Endometriosis	4%	Unknown factor	24%	

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

Total number of cycles<sup>d</sup>: 1,028 (includes 5 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	260	128	136	45	39	1
Percentage of cancellations before retrieval (%)	3.5	8.6	16.9	13.3	20.5	0 / 1
Average number of embryos transferred	1.7	1.8	2.3	2.6	2.6	4.0
Percentage of embryos transferred resulting in implantation (%)	32.9	35.8	16.6	11.5	1.4	0 / 4
Percentage of elective single embryo transfers (eSET) (%)	25.4	19.8	1.0	3.7	0.0	0 / 1
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	23.1	22.7	15.4	6.7	0.0	0 / 1
Percentage of cycles resulting in singleton live births (%)	25.0	25.8	19.1	8.9	0.0	0 / 1
Percentage of cycles resulting in twin live births (%)	6.5	10.2	3.7	2.2	0.0	0 / 1
Percentage of cycles resulting in live births (%)	31.9	36.7	22.8	11.1	0.0	0 / 1
Percentage of cycles resulting in pregnancies (%)	40.4	42.2	26.5	22.2	5.1	0 / 1
<b>Outcomes per Transfer</b>						
Number of transfers	233	106	106	35	28	1
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	25.8	27.4	19.8	8.6	0.0	0 / 1
Percentage of transfers resulting in singleton live births (%)	27.9	31.1	24.5	11.4	0.0	0 / 1
Percentage of transfers resulting in twin live births (%)	7.3	12.3	4.7	2.9	0.0	0 / 1
Percentage of transfers resulting in live births (%)	35.6	44.3	29.2	14.3	0.0	0 / 1
Percentage of transfers resulting in pregnancies (%)	45.1	50.9	34.0	28.6	7.1	0 / 1
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	98	57	27	13	3	2
Number of transfers	93	50	24	13	3	2
Estimated average number of transfers per retrieval	0.7	0.9	0.7	1.1	0.3	
Average number of embryos transferred	1.5	1.5	1.6	1.8	1.3	2.0
Percentage of embryos transferred resulting in implantation (%)	46.7	46.6	26.3	25.0	2 / 4	0 / 4
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	36.6	32.0	29.2	3 / 13	2 / 3	0 / 2
Percentage of transfers resulting in singleton live births (%)	39.8	38.0	29.2	3 / 13	2 / 3	0 / 2
Percentage of transfers resulting in twin live births (%)	9.7	8.0	4.2	1 / 13	0 / 3	0 / 2
Percentage of transfers resulting in live births (%)	49.5	46.0	33.3	4 / 13	2 / 3	0 / 2
Percentage of transfers resulting in pregnancies (%)	57.0	56.0	37.5	5 / 13	2 / 3	0 / 2
<b>Number of Egg/Embryo Banking Cycles</b>						
	70	36	25	7	10	0
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		32			34	
Number of transfers		27			26	
Average number of embryos transferred		1.7			1.4	
Percentage of embryos transferred resulting in implantation (%)		39.5			22.2	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		48.1			11.5	
Percentage of transfers resulting in singleton live births (%)		51.9			26.9	
Percentage of transfers resulting in twin live births (%)		0.0			0.0	
Percentage of transfers resulting in live births (%)		51.9			26.9	
Percentage of transfers resulting in pregnancies (%)		63.0			30.8	

## CURRENT SERVICES & PROFILE

Current Name: Northwestern University

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.