

# THE INFERTILITY AND REPRODUCTIVE MEDICINE CENTER AT WASHINGTON UNIVERSITY SCHOOL OF MEDICINE AND BARNES-JEWISH HOSPITAL ST. LOUIS, MISSOURI

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 Randall R. Odem, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	65%	Tubal factor	17%	Uterine factor	1%	<i>Multiple Factors:</i> Female factors only 9% Female & male factors 12%
Unstimulated	0%	Used PGD	1%	Ovulatory dysfunction	27%	Male factor	25%	
Used gestational carrier	<1%			Diminished ovarian reserve	20%	Other factor	7%	
				Endometriosis	11%	Unknown factor	15%	

## 2013 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 553 (includes 1 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	201	76	56	15	8	0
Percentage of cancellations (%)	7.0	10.5	12.5	4 / 15	2 / 8	
Average number of embryos transferred	2.0	2.4	3.0	3.4	2.4	
Percentage of embryos transferred resulting in implantation (%)	42.6	33.3	17.3	2.9	1 / 12	
Percentage of elective single embryo transfers (eSET) (%)	9.5	1.7	0.0	0 / 9	0 / 4	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	25.4	25.0	10.7	0 / 15	1 / 8	
Percentage of cycles resulting in singleton live births (%)	33.8	30.3	12.5	1 / 15	1 / 8	
Percentage of cycles resulting in twin live births (%)	14.9	14.5	7.1	0 / 15	0 / 8	
Percentage of cycles resulting in live births (%)	49.3	44.7	19.6	1 / 15	1 / 8	
Percentage of cycles resulting in pregnancies (%)	53.7	48.7	32.1	1 / 15	1 / 8	
<b>Outcomes per Transfer</b>						
Number of transfers	182	64	47	10	5	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	28.0	29.7	12.8	0 / 10	1 / 5	
Percentage of transfers resulting in singleton live births (%)	37.4	35.9	14.9	1 / 10	1 / 5	
Percentage of transfers resulting in twin live births (%)	16.5	17.2	8.5	0 / 10	0 / 5	
Percentage of transfers resulting in live births (%)	54.4	53.1	23.4	1 / 10	1 / 5	
Percentage of transfers resulting in pregnancies (%)	59.3	57.8	38.3	1 / 10	1 / 5	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	72	21	23	4	1	0
Number of transfers	67	19	19	3	1	0
Estimated average number of transfers per retrieval	1.2	1.3	1.1	0.6	1.0	
Average number of embryos transferred	1.7	1.8	2.1	2.7	5.0	
Percentage of embryos transferred resulting in implantation (%)	34.9	35.3	40.0	1 / 8	0 / 5	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	26.9	5 / 19	9 / 19	1 / 3	0 / 1	
Percentage of transfers resulting in singleton live births (%)	31.3	6 / 19	10 / 19	1 / 3	0 / 1	
Percentage of transfers resulting in twin live births (%)	6.0	2 / 19	2 / 19	0 / 3	0 / 1	
Percentage of transfers resulting in live births (%)	37.3	8 / 19	12 / 19	1 / 3	0 / 1	
Percentage of transfers resulting in pregnancies (%)	49.3	10 / 19	13 / 19	1 / 3	0 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	19	6	8	4	0	0
<b>Donor Eggs</b>						
		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		18			20	
Number of transfers		17			17	
Average number of embryos transferred		1.9			1.6	
Percentage of embryos transferred resulting in implantation (%)		53.1			36.4	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		6 / 17			3 / 17	
Percentage of transfers resulting in singleton live births (%)		7 / 17			3 / 17	
Percentage of transfers resulting in twin live births (%)		4 / 17			0 / 17	
Percentage of transfers resulting in live births (%)		11 / 17			3 / 17	
Percentage of transfers resulting in pregnancies (%)		12 / 17			8 / 17	

## CURRENT SERVICES & PROFILE

**Current Name:** The Infertility and Reproductive Medicine Center at Washington University School of Medicine and Barnes-Jewish Hospital

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.)	

<sup>a</sup> Reflects features of fresh nondonor cycles. If IVF is <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 (e.g., 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.