

# JOHNS HOPKINS FERTILITY CENTER LUTHERVILLE, MARYLAND

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 Jairo E. Garcia, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	53%	Tubal factor	14%	Uterine factor	16%	Multiple Factors: Female factors only 14% Female & male factors 10%
Unstimulated	<1%	PGD/PGS	10%	Ovulatory dysfunction	16%	Male factor	23%	
Used gestational carrier	1%			Diminished ovarian reserve	30%	Other factor	12%	
				Endometriosis	12%	Unknown factor	7%	

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

Total number of cycles<sup>d</sup>: 675  
(includes 4 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	95	66	56	49	18
Percentage of cancellations before retrieval (%)	9.5	24.2	12.5	20.4	5 / 18
Number of transfers	50	32	36	16	6
Average number of embryos transferred	1.4	1.7	1.8	1.8	1.8
Percentage of elective single embryo transfers (eSET) (%)	43.6	23.1	0.0	0 / 10	0 / 5
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	21.1	12.1	14.3	4.1	0 / 18
Percentage of cycles resulting in live births (%)	16.8	7.6	10.7	4.1	0 / 18
Percentage of cycles resulting in singleton live births (%)	13.7	3.0	10.7	4.1	0 / 18
Percentage of cycles resulting in twin live births (%)	3.2	4.5	0.0	0.0	0 / 18
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	9.5	3.0	10.7	2.0	0 / 18
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	31.9	22.6	13.8	6.9	0 / 11
Percentage of transfers resulting in pregnancies (%)	40.0	25.0	22.2	2 / 16	0 / 6
Percentage of transfers resulting in live births (%)	32.0	15.6	16.7	2 / 16	0 / 6
Percentage of transfers resulting in singleton live births (%)	26.0	6.3	16.7	2 / 16	0 / 6
Percentage of transfers resulting in twin live births (%)	6.0	9.4	0.0	0 / 16	0 / 6
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	18.0	6.3	16.7	1 / 16	0 / 6
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	73	62	31	13	12
Number of transfers	73	62	28	9	12
Estimated average number of transfers per retrieval	1.0	1.0	0.5	0.3	1.0
Average number of embryos transferred	1.6	1.5	1.6	1.7	1.9
Percentage of embryos transferred resulting in implantation (%)	29.8	34.1	33.3	4 / 15	4.3
Percentage of transfers resulting in pregnancies (%)	39.7	46.8	46.4	3 / 9	1 / 12
Percentage of transfers resulting in live births (%)	31.5	38.7	39.3	3 / 9	0 / 12
Percentage of transfers resulting in singleton live births (%)	26.0	33.9	32.1	2 / 9	0 / 12
Percentage of transfers resulting in twin live births (%)	5.5	4.8	7.1	1 / 9	0 / 12
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	23.3	29.0	21.4	2 / 9	0 / 12
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	52	42	48	22	10
	18	4	5	2	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	3	11	7	1	
Number of transfers	0	11	7	1	
Average number of embryos transferred		1.4	1.7	2.0	
Percentage of embryos transferred resulting in implantation (%)		5 / 15	2 / 12	1 / 2	
Percentage of transfers resulting in pregnancies (%)		5 / 11	2 / 7	1 / 1	
Percentage of transfers resulting in live births (%)		4 / 11	0 / 7	1 / 1	
Percentage of transfers resulting in singleton live births (%)		4 / 11	0 / 7	1 / 1	
Percentage of transfers resulting in twin live births (%)		0 / 11	0 / 7	0 / 1	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)		4 / 11	0 / 7	1 / 1	

## CURRENT SERVICES & PROFILE

Current Name: Johns Hopkins Fertility Center

Donor eggs?	Yes	Embryo cryopreservation?	Yes	Single women?	Yes	SART member?	Yes
Donor embryos?	No	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.