

# MAIN LINE FERTILITY AND REPRODUCTIVE MEDICINE BRYN MAWR, PENNSYLVANIA

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 Michael J. Glassner, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	33%	Tubal factor	11%	Uterine factor	2%	Multiple Factors: Female factors only 7% Female & male factors 6%
Unstimulated	0%	PGD/PGS	22%	Ovulatory dysfunction	14%	Male factor	20%	
Used gestational carrier	<1%			Diminished ovarian reserve	26%	Other factor	16%	
				Endometriosis	5%	Unknown factor	22%	

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

Total number of cycles<sup>d</sup>: 1,182  
(includes 3 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	185	115	96	41	35
Percentage of cancellations before retrieval (%)	4.9	7.8	8.3	17.1	22.9
Number of transfers	140	75	56	22	15
Average number of embryos transferred	1.7	1.9	2.3	2.4	2.9
Percentage of elective single embryo transfers (eSET) (%)	30.2	12.5	6.1	5.0	0 / 11
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	38.4	32.2	21.9	12.2	5.7
Percentage of cycles resulting in live births (%)	33.5	27.8	13.5	9.8	5.7
Percentage of cycles resulting in singleton live births (%)	27.6	20.0	9.4	9.8	5.7
Percentage of cycles resulting in twin live births (%)	5.9	7.0	4.2	0.0	0.0
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	22.2	18.3	7.3	7.3	5.7
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	35.6	35.3	19.4	9.4	7.0
Percentage of transfers resulting in pregnancies (%)	50.7	49.3	37.5	22.7	2 / 15
Percentage of transfers resulting in live births (%)	44.3	42.7	23.2	18.2	2 / 15
Percentage of transfers resulting in singleton live births (%)	36.4	30.7	16.1	18.2	2 / 15
Percentage of transfers resulting in twin live births (%)	7.9	10.7	7.1	0.0	0 / 15
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	29.3	28.0	12.5	13.6	2 / 15
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	157	90	60	32	10
Number of transfers	143	77	54	31	9
Estimated average number of transfers per retrieval	1.0	1.3	0.8	0.9	0.6
Average number of embryos transferred	1.4	1.4	1.4	1.3	1.4
Percentage of embryos transferred resulting in implantation (%)	36.0	42.5	19.5	31.4	3 / 13
Percentage of transfers resulting in pregnancies (%)	44.8	54.5	25.9	38.7	3 / 9
Percentage of transfers resulting in live births (%)	39.9	50.6	18.5	32.3	3 / 9
Percentage of transfers resulting in singleton live births (%)	33.6	45.5	16.7	29.0	3 / 9
Percentage of transfers resulting in twin live births (%)	5.6	5.2	1.9	3.2	0 / 9
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	31.5	41.6	13.0	29.0	3 / 9
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	111	36	50	24	16
	14	7	2	1	3
<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	12	55	53	1	
Number of transfers	8	47	46	1	
Average number of embryos transferred	1.8	1.9	1.4	2.0	
Percentage of embryos transferred resulting in implantation (%)	4 / 12	27.7	28.8	0 / 2	
Percentage of transfers resulting in pregnancies (%)	4 / 8	46.8	41.3	0 / 1	
Percentage of transfers resulting in live births (%)	1 / 8	42.6	37.0	0 / 1	
Percentage of transfers resulting in singleton live births (%)	0 / 8	36.2	37.0	0 / 1	
Percentage of transfers resulting in twin live births (%)	1 / 8	6.4	0.0	0 / 1	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	0 / 8	29.8	30.4	0 / 1	

## CURRENT SERVICES & PROFILE

Current Name: Main Line Fertility and Reproductive Medicine

Donor eggs?	Yes	Embryo cryopreservation?	Yes	Single women?	Yes	SART member?	Yes
Donor embryos?	Yes	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.