

MASSACHUSETTS GENERAL HOSPITAL FERTILITY CENTER BOSTON, MASSACHUSETTS

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

2014 ART CYCLE PROFILE

Data verified by Thomas L. Toth, MD

Type of ART and Procedural Factors ^a				Patient Diagnosis ^b				
IVF	100%	With ICSI	44%	Tubal factor	14%	Uterine factor	6%	<i>Multiple Factors:</i> Female factors only 8% Female & male factors 17%
Unstimulated	0%	PGD/PGS	3%	Ovulatory dysfunction	9%	Male factor	35%	
Used gestational carrier	<1%			Diminished ovarian reserve	24%	Other factor	10%	
				Endometriosis	5%	Unknown factor	25%	

2014 ART SUCCESS RATES^c

Total number of cycles^d: 813 (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	229	140	121	79	19	0
Percentage of cancellations before retrieval (%)	3.1	5.7	4.1	10.1	2 / 19	
Average number of embryos transferred	1.5	1.6	2.4	3.3	3.5	
Percentage of embryos transferred resulting in implantation (%)	41.6	38.9	22.9	11.3	8.3	
Percentage of elective single embryo transfers (eSET) (%)	37.1	35.5	3.8	0.0	0 / 16	
Outcomes per Cycle						
Percentage of cycles resulting in term, normal weight & singleton live births ^e (%)	33.6	30.0	19.0	15.2	2 / 19	
Percentage of cycles resulting in singleton live births (%)	40.2	35.0	25.6	16.5	3 / 19	
Percentage of cycles resulting in twin live births (%)	5.2	5.7	5.8	1.3	0 / 19	
Percentage of cycles resulting in live births (%)	45.4	40.7	31.4	17.7	3 / 19	
Percentage of cycles resulting in pregnancies (%)	52.0	47.1	42.1	27.8	5 / 19	
Outcomes per Transfer						
Number of transfers	213	124	113	64	17	0
Percentage of transfers resulting in term, normal weight & singleton live births ^e (%)	36.2	33.9	20.4	18.8	2 / 17	
Percentage of transfers resulting in singleton live births (%)	43.2	39.5	27.4	20.3	3 / 17	
Percentage of transfers resulting in twin live births (%)	5.6	6.5	6.2	1.6	0 / 17	
Percentage of transfers resulting in live births (%)	48.8	46.0	33.6	21.9	3 / 17	
Percentage of transfers resulting in pregnancies (%)	55.9	53.2	45.1	34.4	5 / 17	
Frozen Embryos from Nondonor Eggs						
Number of cycles	42	54	24	5	2	1
Number of transfers	42	52	21	5	2	1
Estimated average number of transfers per retrieval	1.1	1.0	1.3	1.3		1.0
Average number of embryos transferred	1.5	1.4	1.4	1.2	2.5	3.0
Percentage of embryos transferred resulting in implantation (%)	60.0	38.9	28.6	1 / 6	1 / 5	0 / 3
Percentage of transfers resulting in term, normal weight & singleton live births ^e (%)	45.2	28.8	28.6	1 / 5	0 / 2	0 / 1
Percentage of transfers resulting in singleton live births (%)	52.4	30.8	33.3	1 / 5	1 / 2	0 / 1
Percentage of transfers resulting in twin live births (%)	11.9	9.6	0.0	0 / 5	0 / 2	0 / 1
Percentage of transfers resulting in live births (%)	64.3	40.4	33.3	1 / 5	1 / 2	0 / 1
Percentage of transfers resulting in pregnancies (%)	76.2	46.2	42.9	1 / 5	1 / 2	0 / 1
Number of Egg/Embryo Banking Cycles						
	18	26	8	1	0	1
Donor Eggs		Fresh Embryos^f			Frozen Embryos^f	
Number of cycles		28			15	
Number of transfers		28			14	
Average number of embryos transferred		1.5			1.3	
Percentage of embryos transferred resulting in implantation (%)		43.9			6 / 17	
Percentage of transfers resulting in term, normal weight & singleton live births ^e (%)		42.9			4 / 14	
Percentage of transfers resulting in singleton live births (%)		50.0			5 / 14	
Percentage of transfers resulting in twin live births (%)		7.1			0 / 14	
Percentage of transfers resulting in live births (%)		57.1			5 / 14	
Percentage of transfers resulting in pregnancies (%)		57.1			7 / 14	

CURRENT SERVICES & PROFILE

Current Name: Massachusetts General Hospital Fertility 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 less than 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 (for example, 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.