

## BAYSTATE REPRODUCTIVE MEDICINE SPRINGFIELD, MASSACHUSETTS

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 Kelly Lynch, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	37%	Tubal factor	11%	Uterine factor	4%	<i>Multiple Factors:</i> Female factors only 8% Female & male factors 9%
Unstimulated	0%	PGD/PGS	<1%	Ovulatory dysfunction	15%	Male factor	26%	
Used gestational carrier	<1%			Diminished ovarian reserve	17%	Other factor	11%	
				Endometriosis	8%	Unknown factor	26%	

### 2015 ART SUCCESS RATES<sup>c</sup> Total number of cycles<sup>d</sup>: 564 (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	130	70	54	29	9	0
Percentage of cancellations before retrieval (%)	3.8	2.9	16.7	17.2	1 / 9	
Average number of embryos transferred	1.1	1.2	1.7	2.1	3.3	
Percentage of embryos transferred resulting in implantation (%)	59.6	55.6	43.5	25.9	0 / 13	
Percentage of elective single embryo transfers (eSET) (%)	88.9	74.3	33.3	1 / 12	0 / 4	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	30.0	30.0	13.0	17.2	0 / 9	
Percentage of cycles resulting in singleton live births (%)	35.4	34.3	16.7	17.2	0 / 9	
Percentage of cycles resulting in twin live births (%)	2.3	1.4	3.7	0.0	0 / 9	
Percentage of cycles resulting in live births (%)	37.7	35.7	20.4	17.2	0 / 9	
Percentage of cycles resulting in pregnancies (%)	43.8	40.0	29.6	20.7	0 / 9	
<b>Outcomes per Transfer</b>						
Number of transfers	92	45	29	13	4	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	42.4	46.7	24.1	5 / 13	0 / 4	
Percentage of transfers resulting in singleton live births (%)	50.0	53.3	31.0	5 / 13	0 / 4	
Percentage of transfers resulting in twin live births (%)	3.3	2.2	6.9	0 / 13	0 / 4	
Percentage of transfers resulting in live births (%)	53.3	55.6	37.9	5 / 13	0 / 4	
Percentage of transfers resulting in pregnancies (%)	62.0	62.2	55.2	6 / 13	0 / 4	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	92	74	41	9	6	2
Number of transfers	85	59	33	8	5	1
Estimated average number of transfers per retrieval	1.5	1.9	1.3	0.9	2.5	
Average number of embryos transferred	1.2	1.2	1.4	1.5	2.2	1.0
Percentage of embryos transferred resulting in implantation (%)	60.2	33.9	47.5	7 / 12	3 / 7	2 / 1
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	48.2	16.9	12.1	3 / 8	1 / 5	1 / 1
Percentage of transfers resulting in singleton live births (%)	56.5	23.7	24.2	4 / 8	2 / 5	1 / 1
Percentage of transfers resulting in twin live births (%)	0.0	1.7	6.1	0 / 8	0 / 5	0 / 1
Percentage of transfers resulting in live births (%)	56.5	25.4	30.3	4 / 8	2 / 5	1 / 1
Percentage of transfers resulting in pregnancies (%)	68.2	45.8	54.5	6 / 8	4 / 5	1 / 1
<b>Number of Egg/Embryo Banking Cycles</b>	11	6	6	0	0	0
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		9			15	
Number of transfers		8			13	
Average number of embryos transferred		1.4			1.5	
Percentage of embryos transferred resulting in implantation (%)		7 / 9			4 / 18	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		4 / 8			1 / 13	
Percentage of transfers resulting in singleton live births (%)		4 / 8			1 / 13	
Percentage of transfers resulting in twin live births (%)		1 / 8			0 / 13	
Percentage of transfers resulting in live births (%)		5 / 8			1 / 13	
Percentage of transfers resulting in pregnancies (%)		6 / 8			5 / 13	

### CURRENT SERVICES & PROFILE Current Name: Baystate Reproductive Medicine

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.