

# NORTHEASTERN REPRODUCTIVE MEDICINE COLCHESTER, VERMONT

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 Peter R. Casson, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	54%	Tubal factor	7%	Uterine factor	5%	Multiple Factors: Female factors only 3% Female & male factors 8%
Unstimulated	0%	PGD/PGS	6%	Ovulatory dysfunction	11%	Male factor	25%	
Used gestational carrier	2%			Diminished ovarian reserve	31%	Other factor	10%	
				Endometriosis	4%	Unknown factor	18%	

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

Total number of cycles<sup>d</sup>: 374  
(includes 1 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	86	56	47	10	21
Percentage of cancellations before retrieval (%)	4.7	12.5	10.6	0 / 10	33.3
Number of transfers	63	42	36	10	12
Average number of embryos transferred	1.5	1.7	1.7	1.8	1.7
Percentage of elective single embryo transfers (eSET) (%)	27.9	12.9	16.7	2 / 8	1 / 7
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	32.6	28.6	40.4	5 / 10	4.8
Percentage of cycles resulting in live births (%)	30.2	26.8	36.2	5 / 10	4.8
Percentage of cycles resulting in singleton live births (%)	24.4	21.4	27.7	5 / 10	4.8
Percentage of cycles resulting in twin live births (%)	5.8	5.4	8.5	0 / 10	0.0
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	23.3	17.9	25.5	4 / 10	4.8
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	34.8	25.4	36.7	6 / 18	5.0
Percentage of transfers resulting in pregnancies (%)	44.4	38.1	52.8	5 / 10	1 / 12
Percentage of transfers resulting in live births (%)	41.3	35.7	47.2	5 / 10	1 / 12
Percentage of transfers resulting in singleton live births (%)	33.3	28.6	36.1	5 / 10	1 / 12
Percentage of transfers resulting in twin live births (%)	7.9	7.1	11.1	0 / 10	0 / 12
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	31.7	23.8	33.3	4 / 10	1 / 12
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	32	16	12	4	8
Number of transfers	29	12	11	3	4
Estimated average number of transfers per retrieval	0.7	0.5	0.6	0.8	0.2
Average number of embryos transferred	1.3	1.3	1.5	1.3	2.3
Percentage of embryos transferred resulting in implantation (%)	47.1	6 / 14	10 / 17	1 / 4	0 / 9
Percentage of transfers resulting in pregnancies (%)	55.2	6 / 12	7 / 11	1 / 3	0 / 4
Percentage of transfers resulting in live births (%)	41.4	4 / 12	7 / 11	1 / 3	0 / 4
Percentage of transfers resulting in singleton live births (%)	31.0	3 / 12	4 / 11	1 / 3	0 / 4
Percentage of transfers resulting in twin live births (%)	10.3	1 / 12	3 / 11	0 / 3	0 / 4
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	31.0	2 / 12	4 / 11	1 / 3	0 / 4
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	19	14	15	3	14
	0	2	1	0	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	10	0	4	2	
Number of transfers	9	0	3	2	
Average number of embryos transferred	1.1		1.0	1.0	
Percentage of embryos transferred resulting in implantation (%)	8 / 10		2 / 3	1 / 2	
Percentage of transfers resulting in pregnancies (%)	6 / 9		2 / 3	1 / 2	
Percentage of transfers resulting in live births (%)	4 / 9		2 / 3	1 / 2	
Percentage of transfers resulting in singleton live births (%)	3 / 9		2 / 3	1 / 2	
Percentage of transfers resulting in twin live births (%)	1 / 9		0 / 3	0 / 2	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	2 / 9		1 / 3	1 / 2	

## CURRENT SERVICES & PROFILE

Current Name: Northeastern 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.