

# YALE FERTILITY CENTER NEW HAVEN, CONNECTICUT

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 Pasquale Patrizio, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	74%	Tubal factor	12%	Uterine factor	8%	Multiple Factors: Female factors only 14% Female & male factors 10%
Unstimulated	<1%	PGD/PGS	12%	Ovulatory dysfunction	13%	Male factor	27%	
Used gestational carrier	2%			Diminished ovarian reserve	26%	Other factor	17%	
				Endometriosis	5%	Unknown factor	17%	

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

Total number of cycles<sup>d</sup>: 719  
(includes 2 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	130	74	66	45	32
Percentage of cancellations before retrieval (%)	11.5	16.2	12.1	40.0	31.3
Number of transfers	87	46	44	14	18
Average number of embryos transferred	1.4	1.7	2.0	2.1	2.3
Percentage of elective single embryo transfers (eSET) (%)	52.4	31.1	8.1	0 / 11	0 / 12
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	41.5	31.1	36.4	8.9	12.5
Percentage of cycles resulting in live births (%)	36.9	25.7	28.8	6.7	3.1
Percentage of cycles resulting in singleton live births (%)	28.5	21.6	24.2	4.4	3.1
Percentage of cycles resulting in twin live births (%)	8.5	4.1	4.5	2.2	0.0
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	23.8	20.3	24.2	4.4	3.1
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	52.0	41.8	34.1	16.7	9.8
Percentage of transfers resulting in pregnancies (%)	62.1	50.0	54.5	4 / 14	4 / 18
Percentage of transfers resulting in live births (%)	55.2	41.3	43.2	3 / 14	1 / 18
Percentage of transfers resulting in singleton live births (%)	42.5	34.8	36.4	2 / 14	1 / 18
Percentage of transfers resulting in twin live births (%)	12.6	6.5	6.8	1 / 14	0 / 18
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	35.6	32.6	36.4	2 / 14	1 / 18
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	78	35	50	15	7
Number of transfers	78	34	49	15	7
Estimated average number of transfers per retrieval	0.9	0.9	0.9	0.5	0.6
Average number of embryos transferred	1.5	1.6	1.6	2.0	1.7
Percentage of embryos transferred resulting in implantation (%)	48.7	44.9	46.7	33.3	3 / 12
Percentage of transfers resulting in pregnancies (%)	59.0	64.7	55.1	9 / 15	3 / 7
Percentage of transfers resulting in live births (%)	50.0	50.0	44.9	6 / 15	3 / 7
Percentage of transfers resulting in singleton live births (%)	38.5	41.2	30.6	5 / 15	3 / 7
Percentage of transfers resulting in twin live births (%)	11.5	8.8	14.3	1 / 15	0 / 7
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	33.3	38.2	24.5	5 / 15	3 / 7
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	50	24	40	23	8
	25	11	0	5	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	18	0	18	4	
Number of transfers	16	0	17	4	
Average number of embryos transferred	1.4		1.5	1.3	
Percentage of embryos transferred resulting in implantation (%)	70.0		36.0	2 / 4	
Percentage of transfers resulting in pregnancies (%)	14 / 16		7 / 17	3 / 4	
Percentage of transfers resulting in live births (%)	11 / 16		6 / 17	2 / 4	
Percentage of transfers resulting in singleton live births (%)	10 / 16		4 / 17	2 / 4	
Percentage of transfers resulting in twin live births (%)	1 / 16		2 / 17	0 / 4	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	8 / 16		4 / 17	2 / 4	

## CURRENT SERVICES & PROFILE

Current Name: Yale Fertility Center

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.