

# MAYO CLINIC ASSISTED REPRODUCTIVE TECHNOLOGIES ROCHESTER, MINNESOTA

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 Charles C. Coddington, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	70%	Tubal factor	8%	Uterine factor	5%	Multiple Factors: Female factors only 8% Female & male factors 18%
Unstimulated	0%	PGD/PGS	1%	Ovulatory dysfunction	25%	Male factor	33%	
Used gestational carrier	1%			Diminished ovarian reserve	27%	Other factor	15%	
				Endometriosis	6%	Unknown factor	12%	

## 2015 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 436 (includes 11 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	86	27	21	14	6	0
Percentage of cancellations before retrieval (%)	3.5	11.1	9.5	2 / 14	1 / 6	
Average number of embryos transferred	1.5	1.7	2.1	2.3	2.7	
Percentage of embryos transferred resulting in implantation (%)	40.0	53.1	22.7	9.5	0 / 8	
Percentage of elective single embryo transfers (eSET) (%)	52.7	4 / 17	1 / 11	1 / 9	0 / 3	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	16.3	25.9	4.8	0 / 14	0 / 6	
Percentage of cycles resulting in singleton live births (%)	22.1	25.9	19.0	0 / 14	0 / 6	
Percentage of cycles resulting in twin live births (%)	5.8	7.4	0.0	1 / 14	0 / 6	
Percentage of cycles resulting in live births (%)	27.9	33.3	19.0	1 / 14	0 / 6	
Percentage of cycles resulting in pregnancies (%)	31.4	44.4	28.6	1 / 14	0 / 6	
<b>Outcomes per Transfer</b>						
Number of transfers	56	19	12	9	3	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	25.0	7 / 19	1 / 12	0 / 9	0 / 3	
Percentage of transfers resulting in singleton live births (%)	33.9	7 / 19	4 / 12	0 / 9	0 / 3	
Percentage of transfers resulting in twin live births (%)	8.9	2 / 19	0 / 12	1 / 9	0 / 3	
Percentage of transfers resulting in live births (%)	42.9	9 / 19	4 / 12	1 / 9	0 / 3	
Percentage of transfers resulting in pregnancies (%)	48.2	12 / 19	6 / 12	1 / 9	0 / 3	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	109	29	25	7	7	4
Number of transfers	105	26	25	6	5	4
Estimated average number of transfers per retrieval	1.8	1.9	1.0	0.4	1.3	
Average number of embryos transferred	1.5	1.5	1.7	1.7	1.6	1.5
Percentage of embryos transferred resulting in implantation (%)	36.2	25.0	26.2	1 / 10	1 / 8	2 / 6
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	23.8	19.2	20.0	1 / 6	1 / 5	1 / 4
Percentage of transfers resulting in singleton live births (%)	25.7	23.1	20.0	1 / 6	1 / 5	1 / 4
Percentage of transfers resulting in twin live births (%)	5.7	7.7	8.0	0 / 6	0 / 5	0 / 4
Percentage of transfers resulting in live births (%)	31.4	30.8	28.0	1 / 6	1 / 5	1 / 4
Percentage of transfers resulting in pregnancies (%)	46.7	30.8	36.0	1 / 6	1 / 5	2 / 4
<b>Number of Egg/Embryo Banking Cycles</b>						
	27	10	18	10	2	0
<b>Donor Eggs</b>						
		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		8			15	
Number of transfers		6			15	
Average number of embryos transferred		1.5			1.4	
Percentage of embryos transferred resulting in implantation (%)		7 / 9			5 / 19	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		3 / 6			2 / 15	
Percentage of transfers resulting in singleton live births (%)		4 / 6			3 / 15	
Percentage of transfers resulting in twin live births (%)		1 / 6			1 / 15	
Percentage of transfers resulting in live births (%)		5 / 6			4 / 15	
Percentage of transfers resulting in pregnancies (%)		5 / 6			5 / 15	

## CURRENT SERVICES & PROFILE

This clinic has reorganized since 2015. Contact the NASS Help Desk for further information.

**Current Name:** Mayo Clinic Assisted Reproductive Technologies

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.)	

<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.