

# REPRODUCTIVE MEDICINE ASSOCIATES OF MICHIGAN TROY, MICHIGAN

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 Brad T. Miller, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	56%	Tubal factor	15%	Uterine factor	7%	Multiple Factors: Female factors only 21% Female & male factors 23%
Unstimulated	0%	PGD/PGS	13%	Ovulatory dysfunction	13%	Male factor	42%	
Used gestational carrier	2%			Diminished ovarian reserve	26%	Other factor	33%	
				Endometriosis	11%	Unknown factor	9%	

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

Total number of cycles<sup>d</sup>: 649  
(includes 3 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	105	45	45	12	26
Percentage of cancellations before retrieval (%)	4.8	15.6	17.8	6 / 12	19.2
Number of transfers	89	37	30	6	20
Average number of embryos transferred	1.7	1.9	2.1	2.5	2.1
Percentage of elective single embryo transfers (eSET) (%)	38.1	11.4	3.8	0 / 5	0 / 13
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	48.6	44.4	24.4	2 / 12	3.8
Percentage of cycles resulting in live births (%)	41.0	33.3	15.6	2 / 12	0.0
Percentage of cycles resulting in singleton live births (%)	29.5	24.4	8.9	2 / 12	0.0
Percentage of cycles resulting in twin live births (%)	11.4	8.9	6.7	0 / 12	0.0
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	25.7	24.4	6.7	2 / 12	0.0
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	44.8	40.3	23.7	2 / 15	2.4
Percentage of transfers resulting in pregnancies (%)	57.3	54.1	36.7	2 / 6	5.0
Percentage of transfers resulting in live births (%)	48.3	40.5	23.3	2 / 6	0.0
Percentage of transfers resulting in singleton live births (%)	34.8	29.7	13.3	2 / 6	0.0
Percentage of transfers resulting in twin live births (%)	13.5	10.8	10.0	0 / 6	0.0
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	30.3	29.7	10.0	2 / 6	0.0
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	85	52	44	18	3
Number of transfers	82	46	39	11	3
Estimated average number of transfers per retrieval	0.9	1.4	1.1	1.0	0.4
Average number of embryos transferred	1.4	1.3	1.6	1.5	3.0
Percentage of embryos transferred resulting in implantation (%)	60.3	50.9	39.6	9 / 14	0 / 8
Percentage of transfers resulting in pregnancies (%)	70.7	63.0	56.4	8 / 11	1 / 3
Percentage of transfers resulting in live births (%)	51.2	50.0	30.8	5 / 11	0 / 3
Percentage of transfers resulting in singleton live births (%)	40.2	47.8	25.6	4 / 11	0 / 3
Percentage of transfers resulting in twin live births (%)	11.0	2.2	5.1	1 / 11	0 / 3
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	34.1	41.3	23.1	4 / 11	0 / 3
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	61	26	19	11	7
	7	6	3	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	29	12	43	3	
Number of transfers	27	10	41	3	
Average number of embryos transferred	1.6	1.8	1.5	1.3	
Percentage of embryos transferred resulting in implantation (%)	55.0	4 / 18	37.7	0 / 4	
Percentage of transfers resulting in pregnancies (%)	63.0	3 / 10	56.1	0 / 3	
Percentage of transfers resulting in live births (%)	55.6	3 / 10	36.6	0 / 3	
Percentage of transfers resulting in singleton live births (%)	33.3	2 / 10	36.6	0 / 3	
Percentage of transfers resulting in twin live births (%)	22.2	1 / 10	0.0	0 / 3	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	33.3	2 / 10	19.5	0 / 3	

## CURRENT SERVICES & PROFILE

Current Name: Reproductive Medicine Associates of Michigan

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.