

# MICHIGAN REPRODUCTIVE & IVF CENTER, PC GRAND RAPIDS, MICHIGAN

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 William G. Dodds, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	88%	Tubal factor	16%	Uterine factor	4%	Multiple Factors: Female factors only 8% Female & male factors 29%
Unstimulated	0%	PGD/PGS	<1%	Ovulatory dysfunction	17%	Male factor	60%	
Used gestational carrier	<1%			Diminished ovarian reserve	14%	Other factor	11%	
				Endometriosis	15%	Unknown factor	7%	

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

Total number of cycles<sup>d</sup>: 975 (includes 20 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	272	93	57	26	5	1
Percentage of cancellations before retrieval (%)	7.4	16.1	8.8	11.5	1 / 5	0 / 1
Average number of embryos transferred	2.0	2.2	2.8	2.9	2.5	3.0
Percentage of embryos transferred resulting in implantation (%)	47.4	28.0	13.0	26.5	1 / 5	0 / 3
Percentage of elective single embryo transfers (eSET) (%)	2.0	3.0	2.6	0 / 13	0 / 1	0 / 1
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	23.9	23.7	8.8	7.7	1 / 5	0 / 1
Percentage of cycles resulting in singleton live births (%)	27.6	26.9	10.5	19.2	1 / 5	0 / 1
Percentage of cycles resulting in twin live births (%)	18.8	6.5	3.5	7.7	0 / 5	0 / 1
Percentage of cycles resulting in live births (%)	46.3	33.3	14.0	26.9	1 / 5	0 / 1
Percentage of cycles resulting in pregnancies (%)	52.6	39.8	21.1	38.5	1 / 5	0 / 1
<b>Outcomes per Transfer</b>						
Number of transfers	217	70	43	17	2	1
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	30.0	31.4	11.6	2 / 17	1 / 2	0 / 1
Percentage of transfers resulting in singleton live births (%)	34.6	35.7	14.0	5 / 17	1 / 2	0 / 1
Percentage of transfers resulting in twin live births (%)	23.5	8.6	4.7	2 / 17	0 / 2	0 / 1
Percentage of transfers resulting in live births (%)	58.1	44.3	18.6	7 / 17	1 / 2	0 / 1
Percentage of transfers resulting in pregnancies (%)	65.9	52.9	27.9	10 / 17	1 / 2	0 / 1
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	245	79	43	9	2	0
Number of transfers	230	74	41	9	2	0
Estimated average number of transfers per retrieval	2.7	3.7	2.4	3.0		
Average number of embryos transferred	2.1	2.1	2.5	3.1	1.5	
Percentage of embryos transferred resulting in implantation (%)	33.4	24.8	18.4	10.7	0 / 3	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	26.1	29.7	19.5	2 / 9	0 / 2	
Percentage of transfers resulting in singleton live births (%)	31.3	33.8	24.4	2 / 9	0 / 2	
Percentage of transfers resulting in twin live births (%)	13.0	6.8	4.9	0 / 9	0 / 2	
Percentage of transfers resulting in live births (%)	45.7	40.5	31.7	2 / 9	0 / 2	
Percentage of transfers resulting in pregnancies (%)	50.0	47.3	36.6	3 / 9	0 / 2	
<b>Number of Egg/Embryo Banking Cycles</b>						
	14	0	3	1	0	0
<b>Donor Eggs</b>						
	<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>		
Number of cycles	24			81		
Number of transfers	17			76		
Average number of embryos transferred	2.1			2.2		
Percentage of embryos transferred resulting in implantation (%)	36.4			22.4		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	6 / 17			25.0		
Percentage of transfers resulting in singleton live births (%)	8 / 17			26.3		
Percentage of transfers resulting in twin live births (%)	2 / 17			6.6		
Percentage of transfers resulting in live births (%)	10 / 17			32.9		
Percentage of transfers resulting in pregnancies (%)	11 / 17			42.1		

## CURRENT SERVICES & PROFILE

Current Name: Michigan Reproductive & IVF Center, PC

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.