

# MICHIGAN REPRODUCTIVE MEDICINE BLOOMFIELD HILLS, MICHIGAN

Comparison of success rates across clinics may not be meaningful. Patient medical characteristics and treatment approaches vary (see pages 11–20).

## 2014 ART CYCLE PROFILE

Data verified by Michael S. Mersol-Barg, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	86%	Tubal factor	8%	Uterine factor	0%	<i>Multiple Factors:</i> Female factors only 6% Female & male factors 16%
Unstimulated	0%	PGD/PGS	47%	Ovulatory dysfunction	21%	Male factor	38%	
Used gestational carrier	0%			Diminished ovarian reserve	31%	Other factor	10%	
				Endometriosis	5%	Unknown factor	13%	

## 2014 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 206 (includes 38 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	38	20	38	6	2	4
Percentage of cancellations before retrieval (%)	2.6	10.0	5.3	0 / 6	0 / 2	3 / 4
Average number of embryos transferred	1.4	1.4	1.4	1.3	2.0	
Percentage of embryos transferred resulting in implantation (%)	39.1	9 / 14	25.9	0 / 4	1 / 2	
Percentage of elective single embryo transfers (eSET) (%)	40.9	2 / 6	5 / 11	0 / 1	0 / 1	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	18.4	20.0	18.4	0 / 6	0 / 2	0 / 4
Percentage of cycles resulting in singleton live births (%)	28.9	25.0	18.4	0 / 6	0 / 2	0 / 4
Percentage of cycles resulting in twin live births (%)	2.6	5.0	0.0	0 / 6	0 / 2	0 / 4
Percentage of cycles resulting in live births (%)	31.6	30.0	18.4	0 / 6	0 / 2	0 / 4
Percentage of cycles resulting in pregnancies (%)	44.7	35.0	23.7	0 / 6	1 / 2	0 / 4
<b>Outcomes per Transfer</b>						
Number of transfers	33	10	22	3	1	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	21.2	4 / 10	31.8	0 / 3	0 / 1	
Percentage of transfers resulting in singleton live births (%)	33.3	5 / 10	31.8	0 / 3	0 / 1	
Percentage of transfers resulting in twin live births (%)	3.0	1 / 10	0.0	0 / 3	0 / 1	
Percentage of transfers resulting in live births (%)	36.4	6 / 10	31.8	0 / 3	0 / 1	
Percentage of transfers resulting in pregnancies (%)	51.5	7 / 10	40.9	0 / 3	1 / 1	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	24	5	8	2	1	0
Number of transfers	23	5	8	2	1	0
Estimated average number of transfers per retrieval	1.9	1.7	0.7	0.5		
Average number of embryos transferred	1.3	1.4	1.4	1.5	1.0	
Percentage of embryos transferred resulting in implantation (%)	29.0	2 / 7	5 / 11	1 / 2	0 / 1	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	26.1	2 / 5	2 / 8	1 / 2	0 / 1	
Percentage of transfers resulting in singleton live births (%)	34.8	2 / 5	2 / 8	1 / 2	0 / 1	
Percentage of transfers resulting in twin live births (%)	0.0	0 / 5	1 / 8	0 / 2	0 / 1	
Percentage of transfers resulting in live births (%)	34.8	2 / 5	3 / 8	1 / 2	0 / 1	
Percentage of transfers resulting in pregnancies (%)	39.1	2 / 5	3 / 8	2 / 2	0 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	5	2	3	3	0	0
<b>Donor Eggs</b>						
	<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>		
Number of cycles	3			4		
Number of transfers	1			4		
Average number of embryos transferred	2.0			1.8		
Percentage of embryos transferred resulting in implantation (%)	0 / 2			2 / 7		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	0 / 1			2 / 4		
Percentage of transfers resulting in singleton live births (%)	0 / 1			2 / 4		
Percentage of transfers resulting in twin live births (%)	0 / 1			0 / 4		
Percentage of transfers resulting in live births (%)	0 / 1			2 / 4		
Percentage of transfers resulting in pregnancies (%)	0 / 1			2 / 4		

## CURRENT SERVICES & PROFILE

Current Name: Michigan Reproductive Medicine

Donor eggs?	Yes	Gestational carriers?	Yes	Single women?	Yes	Verified lab accreditation?	Yes
Donor embryos?	No	Embryo cryopreservation?	Yes	SART member?	No	(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.