

# 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).

## 2015 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	85%	Tubal factor	6%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 6% Female & male factors 25%
Unstimulated	0%	PGD/PGS	46%	Ovulatory dysfunction	21%	Male factor	37%	
Used gestational carrier	0%			Diminished ovarian reserve	37%	Other factor	6%	
				Endometriosis	9%	Unknown factor	17%	

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

Total number of cycles<sup>d</sup>: 191 (includes 27 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	29	17	17	10	7	2
Percentage of cancellations before retrieval (%)	3.4	2 / 17	3 / 17	1 / 10	1 / 7	1 / 2
Average number of embryos transferred	1.4	1.1	1.3	1.3	1.5	3.0
Percentage of embryos transferred resulting in implantation (%)	20.0	1 / 9	1 / 6	1 / 5	0 / 3	0 / 3
Percentage of elective single embryo transfers (eSET) (%)	9 / 18	4 / 5	3 / 5	0 / 1	0 / 1	0 / 1
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	20.7	0 / 17	0 / 17	1 / 10	0 / 7	0 / 2
Percentage of cycles resulting in singleton live births (%)	20.7	1 / 17	0 / 17	1 / 10	0 / 7	0 / 2
Percentage of cycles resulting in twin live births (%)	0.0	0 / 17	0 / 17	0 / 10	0 / 7	0 / 2
Percentage of cycles resulting in live births (%)	20.7	1 / 17	0 / 17	1 / 10	0 / 7	0 / 2
Percentage of cycles resulting in pregnancies (%)	24.1	1 / 17	2 / 17	1 / 10	0 / 7	0 / 2
<b>Outcomes per Transfer</b>						
Number of transfers	22	8	6	4	2	1
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	27.3	0 / 8	0 / 6	1 / 4	0 / 2	0 / 1
Percentage of transfers resulting in singleton live births (%)	27.3	1 / 8	0 / 6	1 / 4	0 / 2	0 / 1
Percentage of transfers resulting in twin live births (%)	0.0	0 / 8	0 / 6	0 / 4	0 / 2	0 / 1
Percentage of transfers resulting in live births (%)	27.3	1 / 8	0 / 6	1 / 4	0 / 2	0 / 1
Percentage of transfers resulting in pregnancies (%)	31.8	1 / 8	2 / 6	1 / 4	0 / 2	0 / 1
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	21	5	3	3	1	0
Number of transfers	21	5	2	3	1	0
Estimated average number of transfers per retrieval	0.9	0.5	0.2	0.4	0.3	0.0
Average number of embryos transferred	1.4	1.4	1.0	1.0	1.0	
Percentage of embryos transferred resulting in implantation (%)	44.8	0 / 7	0 / 1	0 / 3	0 / 1	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	23.8	0 / 5	0 / 2	0 / 3	0 / 1	
Percentage of transfers resulting in singleton live births (%)	33.3	0 / 5	0 / 2	0 / 3	0 / 1	
Percentage of transfers resulting in twin live births (%)	9.5	0 / 5	0 / 2	0 / 3	0 / 1	
Percentage of transfers resulting in live births (%)	42.9	0 / 5	0 / 2	0 / 3	0 / 1	
Percentage of transfers resulting in pregnancies (%)	57.1	0 / 5	1 / 2	0 / 3	0 / 1	
<b>Number of Egg/Embryo Banking Cycles</b>						
	15	7	8	5	2	1
<b>Donor Eggs</b>		<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>	
Number of cycles		3			8	
Number of transfers		2			8	
Average number of embryos transferred		1.5			1.5	
Percentage of embryos transferred resulting in implantation (%)		3 / 3			4 / 12	
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)		2 / 2			1 / 8	
Percentage of transfers resulting in singleton live births (%)		2 / 2			2 / 8	
Percentage of transfers resulting in twin live births (%)		0 / 2			1 / 8	
Percentage of transfers resulting in live births (%)		2 / 2			3 / 8	
Percentage of transfers resulting in pregnancies (%)		2 / 2			3 / 8	

## 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.