

# MISSISSIPPI FERTILITY INSTITUTE JACKSON, MISSISSIPPI

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

## 2013 ART CYCLE PROFILE

Data verified by John D. Isaacs, Jr, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	71%	Tubal factor	24%	Uterine factor	14%	<i>Multiple Factors:</i> Female factors only 15% Female & male factors 6%
Unstimulated	0%	Used PGD	0%	Ovulatory dysfunction	4%	Male factor	25%	
Used gestational carrier	0%			Diminished ovarian reserve	17%	Other factor	3%	
				Endometriosis	17%	Unknown factor	22%	

## 2013 ART SUCCESS RATES<sup>c</sup>

Total number of cycles<sup>d</sup>: 165 (includes 0 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	58	24	22	6	1	1
Percentage of cancellations (%)	5.2	16.7	18.2	1 / 6	0 / 1	1 / 1
Average number of embryos transferred	1.8	1.9	1.9	2.0	2.0	
Percentage of embryos transferred resulting in implantation (%)	43.4	26.7	17.2	2 / 10	0 / 2	
Percentage of elective single embryo transfers (eSET) (%)	5.6	0 / 14	0 / 12	0 / 5	0 / 1	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	27.6	20.8	9.1	0 / 6	0 / 1	0 / 1
Percentage of cycles resulting in singleton live births (%)	32.8	25.0	9.1	0 / 6	0 / 1	0 / 1
Percentage of cycles resulting in twin live births (%)	6.9	0.0	4.5	0 / 6	0 / 1	0 / 1
Percentage of cycles resulting in live births (%)	41.4	25.0	13.6	0 / 6	0 / 1	0 / 1
Percentage of cycles resulting in pregnancies (%)	41.4	29.2	18.2	2 / 6	0 / 1	0 / 1
<b>Outcomes per Transfer</b>						
Number of transfers	42	16	15	5	1	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	38.1	5 / 16	2 / 15	0 / 5	0 / 1	
Percentage of transfers resulting in singleton live births (%)	45.2	6 / 16	2 / 15	0 / 5	0 / 1	
Percentage of transfers resulting in twin live births (%)	9.5	0 / 16	1 / 15	0 / 5	0 / 1	
Percentage of transfers resulting in live births (%)	57.1	6 / 16	3 / 15	0 / 5	0 / 1	
Percentage of transfers resulting in pregnancies (%)	57.1	7 / 16	4 / 15	2 / 5	0 / 1	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	22	10	5	0	0	0
Number of transfers	22	10	5	0	0	0
Estimated average number of transfers per retrieval	1.5	2.5	1.7			
Average number of embryos transferred	1.7	1.8	1.4			
Percentage of embryos transferred resulting in implantation (%)	27.0	3 / 18	0 / 7			
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	18.2	2 / 10	0 / 5			
Percentage of transfers resulting in singleton live births (%)	27.3	2 / 10	0 / 5			
Percentage of transfers resulting in twin live births (%)	4.5	0 / 10	0 / 5			
Percentage of transfers resulting in live births (%)	31.8	2 / 10	0 / 5			
Percentage of transfers resulting in pregnancies (%)	40.9	3 / 10	0 / 5			
<b>Number of Egg/Embryo Banking Cycles</b>						
	2	1	0	0	0	0
<b>Donor Eggs</b>						
	<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>		
Number of cycles	6			7		
Number of transfers	6			7		
Average number of embryos transferred	1.8			1.6		
Percentage of embryos transferred resulting in implantation (%)	6 / 11			1 / 11		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	2 / 6			1 / 7		
Percentage of transfers resulting in singleton live births (%)	3 / 6			1 / 7		
Percentage of transfers resulting in twin live births (%)	1 / 6			0 / 7		
Percentage of transfers resulting in live births (%)	4 / 6			1 / 7		
Percentage of transfers resulting in pregnancies (%)	4 / 6			1 / 7		

## CURRENT SERVICES & PROFILE

Current Name: Mississippi Fertility Institute

Donor eggs?	Yes	Gestational carriers?	No	Single women?	No	Verified lab accreditation?	Yes
Donor embryos?	Yes	Embryo cryopreservation?	Yes	SART member?	No	(See Appendix C for details.)	

<sup>a</sup> Reflects features of fresh nondonor cycles. If IVF is <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 (e.g., 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.