

# SANFORD HEALTH REPRODUCTIVE MEDICINE INSTITUTE FARGO, NORTH DAKOTA

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 Steffen P. Christensen, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	76%	Tubal factor	19%	Uterine factor	2%	<i>Multiple Factors:</i> Female factors only 9% Female & male factors 17%
Unstimulated	0%	PGD/PGS	3%	Ovulatory dysfunction	15%	Male factor	50%	
Used gestational carrier	<1%			Diminished ovarian reserve	9%	Other factor	12%	
				Endometriosis	11%	Unknown factor	13%	

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

Total number of cycles<sup>d</sup>: 256 (includes 1 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	87	27	27	12	2	0
Percentage of cancellations before retrieval (%)	10.3	18.5	22.2	2 / 12	0 / 2	
Average number of embryos transferred	1.8	1.8	2.0	2.3	4.0	
Percentage of embryos transferred resulting in implantation (%)	31.6	37.9	33.3	4.8	0 / 4	
Percentage of elective single embryo transfers (eSET) (%)	17.5	1 / 14	1 / 17	0 / 9	0 / 1	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	20.7	14.8	14.8	0 / 12	0 / 2	
Percentage of cycles resulting in singleton live births (%)	21.8	22.2	22.2	1 / 12	0 / 2	
Percentage of cycles resulting in twin live births (%)	4.6	3.7	3.7	0 / 12	0 / 2	
Percentage of cycles resulting in live births (%)	26.4	25.9	25.9	1 / 12	0 / 2	
Percentage of cycles resulting in pregnancies (%)	35.6	29.6	37.0	1 / 12	0 / 2	
<b>Outcomes per Transfer</b>						
Number of transfers	63	16	18	9	1	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	28.6	4 / 16	4 / 18	0 / 9	0 / 1	
Percentage of transfers resulting in singleton live births (%)	30.2	6 / 16	6 / 18	1 / 9	0 / 1	
Percentage of transfers resulting in twin live births (%)	6.3	1 / 16	1 / 18	0 / 9	0 / 1	
Percentage of transfers resulting in live births (%)	36.5	7 / 16	7 / 18	1 / 9	0 / 1	
Percentage of transfers resulting in pregnancies (%)	49.2	8 / 16	10 / 18	1 / 9	0 / 1	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	52	21	12	1	0	0
Number of transfers	52	20	10	1	0	0
Estimated average number of transfers per retrieval	2.4	1.5	2.5			
Average number of embryos transferred	1.8	1.7	1.8	1.0		
Percentage of embryos transferred resulting in implantation (%)	41.1	22.6	3 / 18	0 / 1		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	36.5	20.0	3 / 10	0 / 1		
Percentage of transfers resulting in singleton live births (%)	40.4	20.0	3 / 10	0 / 1		
Percentage of transfers resulting in twin live births (%)	1.9	5.0	0 / 10	0 / 1		
Percentage of transfers resulting in live births (%)	42.3	25.0	3 / 10	0 / 1		
Percentage of transfers resulting in pregnancies (%)	61.5	35.0	3 / 10	0 / 1		
<b>Number of Egg/Embryo Banking Cycles</b>						
	2	4	1	0	0	0
<b>Donor Eggs</b>						
	<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>		
Number of cycles	4			3		
Number of transfers	2			3		
Average number of embryos transferred	2.0			1.7		
Percentage of embryos transferred resulting in implantation (%)	3 / 4			0 / 3		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	1 / 2			0 / 3		
Percentage of transfers resulting in singleton live births (%)	1 / 2			0 / 3		
Percentage of transfers resulting in twin live births (%)	1 / 2			0 / 3		
Percentage of transfers resulting in live births (%)	2 / 2			0 / 3		
Percentage of transfers resulting in pregnancies (%)	2 / 2			1 / 3		

## CURRENT SERVICES & PROFILE

Current Name: Sanford Health Reproductive Medicine Institute

Donor eggs?	Yes	Gestational carriers?	Yes	Single women?	Yes	Verified lab accreditation?	Yes
Donor embryos?	No	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.