

# GEISINGER MEDICAL CENTER FERTILITY PROGRAM DANVILLE, PENNSYLVANIA

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 Jennifer Gell, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>b</sup>				
IVF	100%	With ICSI	90%	Tubal factor	19%	Uterine factor	11%	<i>Multiple Factors:</i> Female factors only 7% Female & male factors 7%
Unstimulated	0%	PGD/PGS	0%	Ovulatory dysfunction	12%	Male factor	25%	
Used gestational carrier	3%			Diminished ovarian reserve	24%	Other factor	6%	
				Endometriosis	6%	Unknown factor	13%	

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

Total number of cycles<sup>d</sup>: 123 (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	30	13	23	5	2	0
Percentage of cancellations before retrieval (%)	0.0	1 / 13	8.7	0 / 5	1 / 2	
Average number of embryos transferred	2.0	2.2	2.3	2.3	1.0	
Percentage of embryos transferred resulting in implantation (%)	21.6	27.3	7.0	2 / 9	0 / 1	
Percentage of elective single embryo transfers (eSET) (%)	0.0	0 / 10	0 / 15	0 / 3		
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	20.0	3 / 13	4.3	1 / 5	0 / 2	
Percentage of cycles resulting in singleton live births (%)	20.0	3 / 13	4.3	1 / 5	0 / 2	
Percentage of cycles resulting in twin live births (%)	6.7	1 / 13	4.3	0 / 5	0 / 2	
Percentage of cycles resulting in live births (%)	26.7	4 / 13	8.7	1 / 5	0 / 2	
Percentage of cycles resulting in pregnancies (%)	33.3	5 / 13	8.7	1 / 5	0 / 2	
<b>Outcomes per Transfer</b>						
Number of transfers	26	10	19	4	1	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	23.1	3 / 10	1 / 19	1 / 4	0 / 1	
Percentage of transfers resulting in singleton live births (%)	23.1	3 / 10	1 / 19	1 / 4	0 / 1	
Percentage of transfers resulting in twin live births (%)	7.7	1 / 10	1 / 19	0 / 4	0 / 1	
Percentage of transfers resulting in live births (%)	30.8	4 / 10	2 / 19	1 / 4	0 / 1	
Percentage of transfers resulting in pregnancies (%)	38.5	5 / 10	2 / 19	1 / 4	0 / 1	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	17	12	7	2	0	1
Number of transfers	17	11	7	2	0	1
Estimated average number of transfers per retrieval	2.1	2.8	1.2	2.0		
Average number of embryos transferred	1.8	1.5	2.3	2.0		1.0
Percentage of embryos transferred resulting in implantation (%)	35.5	5 / 16	5 / 16	0 / 2		0 / 1
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	7 / 17	3 / 11	0 / 7	0 / 2		0 / 1
Percentage of transfers resulting in singleton live births (%)	8 / 17	3 / 11	0 / 7	0 / 2		0 / 1
Percentage of transfers resulting in twin live births (%)	1 / 17	1 / 11	2 / 7	0 / 2		0 / 1
Percentage of transfers resulting in live births (%)	9 / 17	4 / 11	2 / 7	0 / 2		0 / 1
Percentage of transfers resulting in pregnancies (%)	9 / 17	4 / 11	2 / 7	1 / 2		0 / 1
<b>Number of Egg/Embryo Banking Cycles</b>						
	0	0	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	4			7		
Number of transfers	3			7		
Average number of embryos transferred	1.7			1.7		
Percentage of embryos transferred resulting in implantation (%)	1 / 5			4 / 12		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	1 / 3			1 / 7		
Percentage of transfers resulting in singleton live births (%)	1 / 3			2 / 7		
Percentage of transfers resulting in twin live births (%)	0 / 3			1 / 7		
Percentage of transfers resulting in live births (%)	1 / 3			3 / 7		
Percentage of transfers resulting in pregnancies (%)	1 / 3			3 / 7		

## CURRENT SERVICES & PROFILE

Current Name: Geisinger Medical Center Fertility Program

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.