

# 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).

## 2015 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	87%	Tubal factor	15%	Uterine factor	7%	Multiple Factors: Female factors only 6% Female & male factors 12%
Unstimulated	0%	PGD/PGS	0%	Ovulatory dysfunction	9%	Male factor	36%	
Used gestational carrier	0%			Diminished ovarian reserve	25%	Other factor	10%	
				Endometriosis	7%	Unknown factor	12%	

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

Total number of cycles<sup>d</sup>: 109 (includes 5 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	12	14	8	4	0
Percentage of cancellations before retrieval (%)	0.0	0 / 12	4 / 14	2 / 8	1 / 4	
Average number of embryos transferred	1.9	1.9	1.8	1.7	2.0	
Percentage of embryos transferred resulting in implantation (%)	14.0	5 / 19	1 / 16	0 / 5	0 / 6	
Percentage of elective single embryo transfers (eSET) (%)	4.8	1 / 9	1 / 8	0 / 1	0 / 2	
<b>Outcomes per Cycle</b>						
Percentage of cycles resulting in term, normal weight & singleton live births <sup>e</sup> (%)	6.9	3 / 12	1 / 14	0 / 8	0 / 4	
Percentage of cycles resulting in singleton live births (%)	6.9	3 / 12	1 / 14	0 / 8	0 / 4	
Percentage of cycles resulting in twin live births (%)	6.9	1 / 12	0 / 14	0 / 8	0 / 4	
Percentage of cycles resulting in live births (%)	13.8	4 / 12	1 / 14	0 / 8	0 / 4	
Percentage of cycles resulting in pregnancies (%)	13.8	4 / 12	2 / 14	0 / 8	0 / 4	
<b>Outcomes per Transfer</b>						
Number of transfers	23	10	10	3	3	0
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	8.7	3 / 10	1 / 10	0 / 3	0 / 3	
Percentage of transfers resulting in singleton live births (%)	8.7	3 / 10	1 / 10	0 / 3	0 / 3	
Percentage of transfers resulting in twin live births (%)	8.7	1 / 10	0 / 10	0 / 3	0 / 3	
Percentage of transfers resulting in live births (%)	17.4	4 / 10	1 / 10	0 / 3	0 / 3	
Percentage of transfers resulting in pregnancies (%)	17.4	4 / 10	2 / 10	0 / 3	0 / 3	
<b>Frozen Embryos from Nondonor Eggs</b>						
Number of cycles	14	8	2	2	0	0
Number of transfers	13	7	2	2	0	0
Estimated average number of transfers per retrieval	1.4	1.4	2.0	1.0		
Average number of embryos transferred	1.7	1.4	1.5	1.5		
Percentage of embryos transferred resulting in implantation (%)	45.5	0 / 10	0 / 3	1 / 3		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)	5 / 13	0 / 7	0 / 2	0 / 2		
Percentage of transfers resulting in singleton live births (%)	6 / 13	0 / 7	0 / 2	1 / 2		
Percentage of transfers resulting in twin live births (%)	2 / 13	0 / 7	0 / 2	0 / 2		
Percentage of transfers resulting in live births (%)	8 / 13	0 / 7	0 / 2	1 / 2		
Percentage of transfers resulting in pregnancies (%)	8 / 13	0 / 7	0 / 2	1 / 2		
<b>Number of Egg/Embryo Banking Cycles</b>						
	1	0	0	1	0	0
<b>Donor Eggs</b>						
	<b>Fresh Embryos<sup>f</sup></b>			<b>Frozen Embryos<sup>f</sup></b>		
Number of cycles	1			8		
Number of transfers	0			7		
Average number of embryos transferred				1.6		
Percentage of embryos transferred resulting in implantation (%)				3 / 10		
Percentage of transfers resulting in term, normal weight & singleton live births <sup>e</sup> (%)				2 / 7		
Percentage of transfers resulting in singleton live births (%)				3 / 7		
Percentage of transfers resulting in twin live births (%)				0 / 7		
Percentage of transfers resulting in live births (%)				3 / 7		
Percentage of transfers resulting in pregnancies (%)				4 / 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.