

# ART FERTILITY PROGRAM OF ALABAMA BIRMINGHAM, ALABAMA

Comparing success rates across clinics may not be meaningful. Patient medical characteristics and treatment approaches vary (see pages 11–21).

## 2016 ART CYCLE PROFILE

Data verified by Virginia L. Houserman, MD

Type of ART and Procedural Factors <sup>a</sup>				Patient Diagnosis <sup>a,b</sup>				
IVF	100%	With ICSI	70%	Tubal factor	27%	Uterine factor	3%	Multiple Factors: Female factors only 15% Female & male factors 54%
Unstimulated	<1%	PGD/PGS	6%	Ovulatory dysfunction	8%	Male factor	70%	
Used gestational carrier	<1%			Diminished ovarian reserve	18%	Other factor	56%	
				Endometriosis	21%	Unknown factor	1%	

## 2016 ART SUCCESS RATES<sup>c,d</sup>

Total number of cycles<sup>d</sup>: 376  
(includes 0 cycle[s] using fresh embryos from frozen nondonor eggs)

Type of Cycle	Age of Patient				
	<35	35–37	38–40	41–42	>42
<b>Fresh Embryos from Fresh Nondonor Eggs</b>					
Number of cycles	87	36	21	4	3
Percentage of cancellations before retrieval (%)	5.7	13.9	33.3	0 / 4	2 / 3
Number of transfers	65	24	11	4	1
Average number of embryos transferred	1.7	1.9	2.1	2.5	2.0
Percentage of elective single embryo transfers (eSET) (%)	14.5	0.0	0 / 9	0 / 4	0 / 1
<b>Outcomes per Cycle</b>					
Percentage of cycles resulting in pregnancies (%)	33.3	44.4	19.0	0 / 4	0 / 3
Percentage of cycles resulting in live births (%)	29.9	36.1	14.3	0 / 4	0 / 3
Percentage of cycles resulting in singleton live births (%)	19.5	16.7	14.3	0 / 4	0 / 3
Percentage of cycles resulting in twin live births (%)	9.2	16.7	0.0	0 / 4	0 / 3
Percentage of cycles resulting in term, normal weight and singleton live births <sup>e</sup> (%)	18.4	13.9	9.5	0 / 4	0 / 3
<b>Outcomes per Transfer</b>					
Percentage of embryos transferred resulting in implantation (%)	34.5	60.5	21.7	0 / 10	0 / 2
Percentage of transfers resulting in pregnancies (%)	44.6	66.7	4 / 11	0 / 4	0 / 1
Percentage of transfers resulting in live births (%)	40.0	54.2	3 / 11	0 / 4	0 / 1
Percentage of transfers resulting in singleton live births (%)	26.2	25.0	3 / 11	0 / 4	0 / 1
Percentage of transfers resulting in twin live births (%)	12.3	25.0	0 / 11	0 / 4	0 / 1
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	24.6	20.8	2 / 11	0 / 4	0 / 1
<b>Frozen Embryos from Nondonor Eggs</b>					
Number of cycles	64	25	18	5	3
Number of transfers	57	17	16	4	2
Estimated average number of transfers per retrieval	1.4	0.9	1.5	1.0	0.7
Average number of embryos transferred	1.6	1.6	1.9	2.0	3.0
Percentage of embryos transferred resulting in implantation (%)	36.0	29.6	17.9	2 / 8	1 / 6
Percentage of transfers resulting in pregnancies (%)	47.4	6 / 17	5 / 16	2 / 4	1 / 2
Percentage of transfers resulting in live births (%)	35.1	6 / 17	4 / 16	1 / 4	1 / 2
Percentage of transfers resulting in singleton live births (%)	24.6	5 / 17	3 / 16	1 / 4	1 / 2
Percentage of transfers resulting in twin live births (%)	8.8	1 / 17	1 / 16	0 / 4	0 / 2
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	21.1	3 / 17	1 / 16	0 / 4	0 / 2
<b>Number of Egg or Embryo Banking Cycles</b>					
Number of fertility preservation cycles	25	15	10	2	3
	2	4	0	0	0
<b>Donor Eggs<sup>f</sup></b>					
	<b>Fresh Eggs</b>	<b>Frozen Eggs</b>	<b>Frozen Embryos</b>	<b>Donated Embryos</b>	
Number of cycles	7	8	28	12	
Number of transfers	6	7	23	9	
Average number of embryos transferred	2.0	2.0	1.5	1.9	
Percentage of embryos transferred resulting in implantation (%)	5 / 12	5 / 14	25.7	3 / 17	
Percentage of transfers resulting in pregnancies (%)	4 / 6	3 / 7	34.8	2 / 9	
Percentage of transfers resulting in live births (%)	3 / 6	1 / 7	26.1	2 / 9	
Percentage of transfers resulting in singleton live births (%)	2 / 6	0 / 7	21.7	1 / 9	
Percentage of transfers resulting in twin live births (%)	1 / 6	1 / 7	4.3	1 / 9	
Percentage of transfers resulting in term, normal weight and singleton live births <sup>e</sup> (%)	1 / 6	0 / 7	13.0	1 / 9	

## CURRENT SERVICES & PROFILE

Current Name: ART Fertility Program of Alabama

Donor eggs?	Yes	Embryo cryopreservation?	Yes	Single women?	Yes	SART member?	Yes
Donor embryos?	Yes	Egg cryopreservation?	Yes	Gestational carriers?	Yes	Verified lab accreditation?	Yes

<sup>a</sup> Excludes cycles evaluating new procedures and banking cycles; unstimulated percentage includes fresh egg cycles only.

<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 and success rates exclude 0 cycle(s) evaluating new procedures. Success rates exclude cycles using fresh embryos from frozen nondonor eggs.

<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.