

COLORADO CENTER FOR REPRODUCTIVE MEDICINE LONE TREE, COLORADO

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 William B. Schoolcraft, MD

Type of ART and Procedural Factors ^a				Patient Diagnosis ^{a,b}				
IVF	100%	With ICSI	78%	Tubal factor	5%	Uterine factor	11%	Multiple Factors: Female factors only 22% Female & male factors 15%
Unstimulated	0%	PGD/PGS	50%	Ovulatory dysfunction	14%	Male factor	22%	
Used gestational carrier	4%			Diminished ovarian reserve	49%	Other factor	21%	
				Endometriosis	9%	Unknown factor	18%	

2016 ART SUCCESS RATES^{c,d}

Total number of cycles^d: 3,740
(includes 42 cycle[s] using fresh embryos from frozen nondonor eggs)

Type of Cycle	Age of Patient				
	<35	35–37	38–40	41–42	>42
Fresh Embryos from Fresh Nondonor Eggs					
Number of cycles	115	66	62	43	63
Percentage of cancellations before retrieval (%)	10.4	28.8	29.0	41.9	23.8
Number of transfers	38	13	5	0	0
Average number of embryos transferred	1.6	1.8	1.6		
Percentage of elective single embryo transfers (eSET) (%)	39.5	2 / 11	1 / 4		
Outcomes per Cycle					
Percentage of cycles resulting in pregnancies (%)	22.6	15.2	6.5	0.0	0.0
Percentage of cycles resulting in live births (%)	20.9	10.6	4.8	0.0	0.0
Percentage of cycles resulting in singleton live births (%)	16.5	9.1	4.8	0.0	0.0
Percentage of cycles resulting in twin live births (%)	4.3	1.5	0.0	0.0	0.0
Percentage of cycles resulting in term, normal weight and singleton live births ^e (%)	13.9	6.1	4.8	0.0	0.0
Outcomes per Transfer					
Percentage of embryos transferred resulting in implantation (%)	53.3	9 / 19	4 / 8		
Percentage of transfers resulting in pregnancies (%)	68.4	10 / 13	4 / 5		
Percentage of transfers resulting in live births (%)	63.2	7 / 13	3 / 5		
Percentage of transfers resulting in singleton live births (%)	50.0	6 / 13	3 / 5		
Percentage of transfers resulting in twin live births (%)	13.2	1 / 13	0 / 5		
Percentage of transfers resulting in term, normal weight and singleton live births ^e (%)	42.1	4 / 13	3 / 5		
Frozen Embryos from Nondonor Eggs					
Number of cycles	474	357	307	159	113
Number of transfers	462	350	299	149	102
Estimated average number of transfers per retrieval	1.0	1.0	0.7	0.6	0.5
Average number of embryos transferred	1.3	1.3	1.3	1.3	1.3
Percentage of embryos transferred resulting in implantation (%)	66.4	65.5	72.8	59.3	55.9
Percentage of transfers resulting in pregnancies (%)	73.8	72.0	78.6	64.4	60.8
Percentage of transfers resulting in live births (%)	63.9	62.9	68.2	57.0	54.9
Percentage of transfers resulting in singleton live births (%)	50.0	50.6	52.8	48.3	43.1
Percentage of transfers resulting in twin live births (%)	13.4	12.0	13.7	8.7	10.8
Percentage of transfers resulting in term, normal weight and singleton live births ^e (%)	42.9	43.4	46.2	38.3	40.2
Number of Egg or Embryo Banking Cycles					
	408	344	403	242	222
Number of fertility preservation cycles	90	86	104	72	81
Donor Eggs^f					
	Fresh Eggs	Frozen Eggs	Frozen Embryos	Donated Embryos	
Number of cycles	67	23	215	15	
Number of transfers	36	15	215	15	
Average number of embryos transferred	1.5	1.7	1.4	1.8	
Percentage of embryos transferred resulting in implantation (%)	71.4	66.7	58.6	55.6	
Percentage of transfers resulting in pregnancies (%)	83.3	10 / 15	71.6	10 / 15	
Percentage of transfers resulting in live births (%)	69.4	7 / 15	57.2	8 / 15	
Percentage of transfers resulting in singleton live births (%)	52.8	4 / 15	46.5	4 / 15	
Percentage of transfers resulting in twin live births (%)	16.7	3 / 15	10.7	4 / 15	
Percentage of transfers resulting in term, normal weight and singleton live births ^e (%)	33.3	2 / 15	39.5	4 / 15	

CURRENT SERVICES & PROFILE

Current Name: Colorado Center for Reproductive Medicine

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

^a Excludes cycles evaluating new procedures and banking cycles; unstimulated percentage includes fresh egg cycles only.

^b Total patient diagnosis percentages may be greater than 100% because more than one diagnosis can be reported for each ART cycle.

^c 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.

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

^e 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).

^f All ages are reported together because previous data show that patient age does not materially affect success with donor eggs.