MAYO CLINIC ASSISTED REPRODUCTIVE TECHNOLOGIES ROCHESTER, MINNESOTA

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 Charles C. Coddington, MD

| Type of ART and Procedural Factors ^a | | | | Patient Diagnosis b | | | | | |
|---|------|-----------|-----|----------------------------|-----|----------------|-----|-------------------------|-----|
| IVF | 100% | With ICSI | 70% | Tubal factor | 8% | Uterine factor | 5% | Multiple Factors: | |
| Unstimulated | 0% | PGD/PGS | 1% | Ovulatory dysfunction | 25% | Male factor | 33% | Female factors only | 8% |
| Used gestational carrier | 1% | | | Diminished ovarian reserve | 27% | Other factor | 15% | Female & male factors 1 | 18% |
| | | | | Endometriosis | 6% | Unknown factor | 12% | | |

| Type of Cycles | 2015 ART SUCCESS RATES Total number of cycles 436 | (include | es 11 cycle | e[s] using | frozen eg | ggs) | |
|--|--|----------------------------|-------------|------------|-----------------------------|--------|-----|
| Number of cycles Received | Time of Cycle | | | Age of | Age of Woman | | |
| Number of cycles 86 27 21 14 6 0 | Type of Cycle | <35 | 35-37 | 38-40 | 41-42 | 43-44 | >44 |
| Percentage of cancellations before retrieval (%) | Fresh Embryos from Nondonor Eggs | | | | | | |
| Average number of embryos transfered 1.5 1.7 2.1 2.3 2.7 | Number of cycles | 86 | 27 | | | 6 | 0 |
| Percentage of embryos transferred resulting in implantation (%) 52,7 4,17 1,11 1,19 0,73 | | 3.5 | 11.1 | 9.5 | 2/14 | 1/6 | |
| Percentage of elective single embryo transfers (eSET) (%) 52.7 4.17 1.11 1.79 0.73 | | 1.5 | 1.7 | | 2.3 | 2.7 | |
| Percentage of cycles resulting in term, normal weight & singleton live births (%) 16.3 25.9 4.8 0.714 0.6 | | 40.0 | 53.1 | 22.7 | 9.5 | 0/8 | |
| Percentage of cycles resulting in term, normal weight & singleton live births (%) | | 52.7 | 4 / 17 | 1/11 | 1/9 | 0/3 | |
| Percentage of cycles resulting in singleton live births (%) | | | | | | | |
| Percentage of cycles resulting in twin live births (%) | | | | | | | |
| Percentage of cycles resulting in live births (%) 27.9 33.3 19.0 1/14 0/6 | | | | | | | |
| Percentage of cycles resulting in pregnancies (%) | | | | | | | |
| Outcomes per Transfers Number of transfersers 56 19 12 9 3 0 Percentage of transfers resulting in term, normal weight & singleton live births (%) 33.9 7/19 1/12 0/9 0/3 Percentage of transfers resulting in invin live births (%) 8.9 2/19 0/12 1/9 0/3 Percentage of transfers resulting in invin live births (%) 42.9 9/19 0/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Frezen Embryos from Nondonor Egs Number of cycles 105 26 25 6 5 4 Number of transfers resulting in transfers per retrieval 1.8 1.9 1.0 0.4 1.3 Estimated average number of transfers per retrieval 1.8 1.9 1.0 0.4 1.3 Evercentage of transfers resulting in implantation (%) 36.2 25.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| Number of transfers 56 | | 31.4 | 44.4 | 28.6 | 1 / 14 | 0/6 | |
| Percentage of transfers resulting in term, normal weight & singleton live births (%) 25.0 7/19 1/12 0/9 0/3 Percentage of transfers resulting in singleton live births (%) 33.9 7/19 4/12 0/9 0/3 Percentage of transfers resulting in twin live births (%) 8.9 2/19 0/12 1/9 0/3 Percentage of transfers resulting in live births (%) 42.9 9/19 4/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in transfers (%) 109 29 25 7 7 4 Number of transfers 105 26 25 6 5 4 Number of transfers 105 26 25 6 5 4 Percentage of minor of transfers resulting in implantation (%) 36.2 25.0 26.2 1/10 1/8 2/6 Percentage of transfers resulting in term, normal weight & singleton live births (%) 23.8 19.2 20.0 1/6 1/5 1/4 Percentage of transfers resulting in twin live births (%) 25.7 23.1 20.0 1/6 1/5 1/4 Percentage of transfers resulting in twin live births (%) 31.4 30.8 28.0 1/6 1/5 1/4 Percentage of transfers resulting in pregnancies (%) 34.6 30.8 36.0 1/6 1/5 1/4 Percentage of transfers resulting in pregnancies (%) 3/6 2/15 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of tran | | | | | | | |
| Percentage of transfers resulting in singleton live births (%) 33.9 7/19 4/12 0/9 0/3 Percentage of transfers resulting in twin live births (%) 8.9 2/19 0/12 1/9 0/3 Percentage of transfers resulting in live births (%) 42.9 9/19 4/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in pregnancies (%) 48.2 12/19 6/12 1/9 0/3 Percentage of transfers resulting in transfers per retrieval 1.05 2.5 2.5 6 5 4 Number of transfers 105 2.6 2.5 6 5 4 Number of transfers 1.8 1.9 1.0 0.4 1.3 Average number of embryos transferred resulting in implantation (%) 36.2 25.0 26.2 1/10 1/8 2/6 Percentage of transfers resulting in term, normal weight & singleton live births (%) 25.7 23.1 20.0 1/6 1/5 1/4 Percentage of transfers resulting in twin live births (%) 25.7 23.1 20.0 1/6 1/5 1/4 Percentage of transfers resulting in twin live births (%) 31.4 30.8 28.0 1/6 1/5 1/4 Percentage of transfers resulting in live births (%) 31.4 30.8 28.0 1/6 1/5 1/4 Percentage of transfers resulting in pregnancies (%) 46.7 30.8 36.0 1/6 1/5 2/4 Number of Egg/Embryo Banking Cycles 8 15 Number of transfers 15 1.4 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in implantation (%) 7/9 5/19 Percentage of transfers resu | | | | | | | 0 |
| Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in pregnancies (%) Frozen Embryos from Nondonor Eggs Number of cycles Number of transfers 109 29 25 7 7 7 4 Number of transfers per retrieval 105 26 25 6 5 4 Estimated average number of transfers per retrieval 1.8 1.9 1.0 0.4 1.3 Average number of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in in pregnancies (%) Number of Egg/Embryo Banking Cycles Number of embryos transferred 1.5 1.5 1.5 1.7 1.7 1.6 1.5 Percentage of transfers resulting in live births (%) 25.7 23.1 20.0 1/6 1/5 1/4 Percentage of transfers resulting in live births (%) 25.7 7.7 8.0 0/6 0/5 0/4 Percentage of transfers resulting in in pregnancies (%) Number of Egg/Embryo Banking Cycles Presh Embryos f Fresh Embryos f Frozen Embryos f Percentage of embryos transferred 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 | | | | | | | |
| Percentage of transfers resulting in live births (%) 42.9 9/19 4/12 1/9 0/3 | | | | | | | |
| Percentage of transfers resulting in pregnancies (%) | | | | | | | |
| Number of cycles | | | | | | | |
| Number of cycles | Percentage of transfers resulting in pregnancies (%) | 48.2 | 12 / 19 | 6/12 | 1/9 | 0/3 | |
| Number of transfers 105 26 25 6 5 4 | Frozen Embryos from Nondonor Eggs | | | | | | |
| Estimated average number of transfers per retrieval 1.8 1.9 1.0 0.4 1.3 | Number of cycles | 109 | 29 | 25 | 7 | 7 | 4 |
| Average number of embryos transferred 1.5 1.5 1.7 1.7 1.6 1.5 Percentage of embryos transferred resulting in implantation (%) Recreatage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in pregnancies (%) Number of Egg/Embryo Banking Cycles Percentage of transfers Percentage of embryos transferred Percentage of transfers resulting in implantation (%) Percentage of transfers resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in timplantation (%) Percentage of transfers resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) | Number of transfers | 105 | 26 | 25 | 6 | 5 | 4 |
| Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in pregnancies (%) Number of Egg/Embryo Banking Cycles Percentage of transfers Number of cycles Number of cycles Number of transfers Average number of embryos transferred Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in live births (%) | Estimated average number of transfers per retrieval | 1.8 | 1.9 | 1.0 | 0.4 | 1.3 | |
| Percentage of transfers resulting in term, normal weight & singleton live births (%) 23.8 19.2 20.0 1/6 1/5 1/4 Percentage of transfers resulting in singleton live births (%) 25.7 23.1 20.0 1/6 1/5 1/4 Percentage of transfers resulting in twin live births (%) 5.7 7.7 8.0 0/6 0/5 0/4 Percentage of transfers resulting in live births (%) 31.4 30.8 28.0 1/6 1/5 1/4 Percentage of transfers resulting in pregnancies (%) 46.7 30.8 36.0 1/6 1/5 2/4 Number of Egg/Embryo Banking Cycles 27 10 18 10 2 0 Donor Eggs Number of cycles Number of transfers Average number of embryos transferred Average number of embryos transferred resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in term, normal weight & singleton live births (%) 3/6 2/15 Percentage of transfers resulting in twin live births (%) 4/6 3/15 Percentage of transfers resulting in twin live births (%) 5/6 4/15 | Average number of embryos transferred | 1.5 | 1.5 | 1.7 | 1.7 | 1.6 | 1.5 |
| Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in pregnancies (%) Number of Egg/Embryo Banking Cycles Ponor Eggs Fresh Embryos Fresh Embryos Frozen Embryos Number of cycles Number of transfers Average number of embryos transferred Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) | | 36.2 | 25.0 | 26.2 | 1/10 | 1/8 | 2/6 |
| Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in pregnancies (%) Number of Egg/Embryo Banking Cycles Presh Embryos Fresh Embryos Number of cycles Number of transfers Number of transfers Average number of embryos transferred Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfe | Percentage of transfers resulting in term, normal weight & singleton live births (%) | 23.8 | 19.2 | 20.0 | 1/6 | 1/5 | 1/4 |
| Percentage of transfers resulting in live births (%) Percentage of transfers resulting in pregnancies (%) Number of Egg/Embryo Banking Cycles 27 10 18 10 2 0 Donor Eggs Presh Embryos Frozen Embryos Shumber of cycles Number of cycles Number of transfers Number of transfers Average number of embryos transferred Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) | Percentage of transfers resulting in singleton live births (%) | 25.7 | 23.1 | 20.0 | 1/6 | 1/5 | 1/4 |
| Percentage of transfers resulting in pregnancies (%) 46.7 30.8 36.0 1/6 1/5 2/4 Number of Egg/Embryo Banking Cycles 27 10 18 10 2 0 Donor Eggs Fresh Embryos Frozen Em | Percentage of transfers resulting in twin live births (%) | 5.7 | 7.7 | 8.0 | 0/6 | 0/5 | 0/4 |
| Number of Egg/Embryo Banking Cycles Presh Embryos Frozen Embryos Frozen Embryos Sumber of cycles Number of cycles Number of transfers Average number of embryos transferred Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) | Percentage of transfers resulting in live births (%) | | 30.8 | 28.0 | 1/6 | 1/5 | 1/4 |
| Donor EggsFresh EmbryosFrozen EmbryosNumber of cycles815Number of transfers615Average number of embryos transferred1.51.4Percentage of embryos transferred resulting in implantation (%)7 / 95 / 19Percentage of transfers resulting in term, normal weight & singleton live births (%)3 / 62 / 15Percentage of transfers resulting in singleton live births (%)4 / 63 / 15Percentage of transfers resulting in twin live births (%)1 / 61 / 15Percentage of transfers resulting in live births (%)5 / 64 / 15 | Percentage of transfers resulting in pregnancies (%) | 46.7 | 30.8 | 36.0 | 1/6 | 1/5 | 2/4 |
| Number of cycles Number of transfers 6 15 Average number of embryos transferred 1.5 Percentage of embryos transferred resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in term, normal weight & singleton live births (%) 7/9 Percentage of transfers resulting in singleton live births (%) 8 1.5 1.4 7/9 5/19 Percentage of transfers resulting in term, normal weight & singleton live births (%) 3/6 2/15 Percentage of transfers resulting in singleton live births (%) 4/6 3/15 Percentage of transfers resulting in twin live births (%) 1/6 1/15 | Number of Egg/Embryo Banking Cycles | 27 | 10 | 18 | 10 | 2 | 0 |
| Number of cycles Number of transfers 6 15 Average number of embryos transferred 1.5 Percentage of embryos transferred resulting in implantation (%) 7/9 5/19 Percentage of transfers resulting in term, normal weight & singleton live births (%) 7/9 Percentage of transfers resulting in singleton live births (%) 8 1.5 1.4 7/9 5/19 Percentage of transfers resulting in term, normal weight & singleton live births (%) 3/6 2/15 Percentage of transfers resulting in singleton live births (%) 4/6 3/15 Percentage of transfers resulting in twin live births (%) 1/6 1/15 | Donor Eggs | Fresh Embryos ^f | | | Frozen Embryos ^f | | |
| Number of transfers Average number of embryos transferred 1.5 Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in live births (%) 1/6 1/15 Percentage of transfers resulting in live births (%) 5/6 4/15 | | | | | | | |
| Average number of embryos transferred Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) | | | | | | | |
| Percentage of embryos transferred resulting in implantation (%) Percentage of transfers resulting in term, normal weight & singleton live births (%) Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) | | | | | | | |
| Percentage of transfers resulting in term, normal weight & singleton live births (%) 3/6 2/15 Percentage of transfers resulting in singleton live births (%) 4/6 3/15 Percentage of transfers resulting in twin live births (%) 1/6 1/15 Percentage of transfers resulting in live births (%) 5/6 4/15 | | | | | | | |
| Percentage of transfers resulting in singleton live births (%) Percentage of transfers resulting in twin live births (%) Percentage of transfers resulting in live births (%) Percentage of transfers resulting in live births (%) 5 / 6 4 / 15 | | | 3/6 | | | | |
| Percentage of transfers resulting in twin live births (%) 1 / 6 1 / 15 Percentage of transfers resulting in live births (%) 5 / 6 4 / 15 | | | 4/6 | | | | |
| Percentage of transfers resulting in live births (%) 5 / 6 4 / 15 | | | | | | | |
| | | | 5/6 | | | 4 / 15 | |
| reiteritage of transfers resulting in pregnancies (70) 5 / 0 5 / 15 | Percentage of transfers resulting in pregnancies (%) | | 5/6 | | | 5 / 15 | |

CURRENT SERVICES & PROFILE

This clinic has reorganized since 2015. Contact the NASS Help Desk for further information.

Current Name: Mayo Clinic Assisted Reproductive Technologies

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.)

a 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.

^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 includes those using frozen eggs. It excludes 0 cycle(s) evaluating new procedures. Both cycle types are excluded from ART success rates.

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.