Assisted Reproductive Technology Fertility Clinic and National Summary Report



Centers for Disease Control and Prevention National Center for Chronic Disease Prevention and Health Promotion

Updates to this report will be posted on the CDC website at the following address: <u>www.cdc.gov/art/reports</u> For additional information, send an email to <u>artinfo@cdc.gov</u>

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Acknowledgments

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Preface

In 1992, the US Congress passed the Fertility Clinic Success Rate and Certification Act. This law requires the Centers for Disease Control and Prevention (CDC) to publish pregnancy success rates for assisted reproductive technology (ART) fertility clinics in the United States. (For more details about the law, see <u>www.cdc.gov/art/</u> <u>nass/policy.html</u>.) Since 1995, CDC has worked in consultation with the Society for Assisted Reproductive Technology (SART) and the American Society for Reproductive Medicine (ASRM) to report ART success rates.

This report is based on the latest available data on the type, number, and outcome of ART cycles performed in US clinics.

The 2019 Assisted Reproductive Technology Fertility Clinic and National Summary Report has four major sections:

• Commonly Asked Questions About the US National ART Surveillance System

This section provides background information on infertility and ART; an explanation of the data collection, analysis, and publication processes; and links to resources for people experiencing infertility or people interested in ART.

• How to Access and Interpret Fertility Clinic Success Rates

This section provides information on how to access and interpret fertility clinic success rates presented online for each reporting fertility clinic in the United States. It provides an overview of services and a profile for each reporting fertility clinic, the characteristics of the patient population, and detailed explanations about success rates covering various aspects of fertility treatments.

National ART Summary

The National ART Summary section displays ART results and success rates from data combined from all US clinics. The summary table and figures use ART data from all reporting clinics to answer specific questions related to ART use and outcomes.

• Appendixes

Appendix A: Data Validation

This section provides information about this year's data validation activities.

Appendix B: Glossary of Terms

This section provides definitions for technical and medical terms used throughout the report.

Appendix C: ART Clinics

This section includes the names and addresses of all reporting fertility clinics, along with a list of clinics known to be in operation in 2019 that did not report their data to CDC as required by law.

Appendix D: Accessible Explanations of Figures

This section provides detailed explanations of the figures in the National ART Summary section.

This report is intended for the general public, and the emphasis is on presenting the information in an easily understandable format. CDC hopes that this report is informative and helpful to people considering an ART procedure. Please contact us with any questions or suggestions at <u>artinfo@cdc.gov</u>.

Commonly Asked Questions About the US National ART Surveillance System

1. How many people in the United States experience infertility?

The latest published data on infertility in the United States available to CDC are from the 2015–2017 National Survey of Family Growth. (For more details about the data, see <u>www.cdc.gov/nchs/nsfg/index.htm.</u>)

- About 9% of married women aged 15 to 49 years are unable to get pregnant after 1 year of unprotected intercourse (infertility).
- About 13% of all women aged 15 to 49 years have difficulty getting pregnant or carrying a pregnancy to term (impaired fecundity).
- About 13% of all women aged 15 to 49 years have ever received any infertility services.

2. What is assisted reproductive technology (ART)?

Although various definitions have been used for ART, the definition used in this report is based on the 1992 law that requires CDC to publish this report. According to this definition, ART includes all fertility treatments in which either eggs or embryos are handled outside a woman's body. In general, ART procedures involve surgically removing eggs from a woman's ovaries, combining them with sperm in the laboratory, and returning them to a female patient or a gestational carrier or donating them to another patient. They do NOT include treatments in which only sperm are handled (such as intrauterine insemination) or procedures in which a woman takes drugs only to stimulate egg production without the intention of having eggs surgically retrieved.

The main type of ART is **in vitro fertilization** (**IVF**). For some IVF procedures, fertilization involves a specialized technique known as intracytoplasmic sperm injection (ICSI). In ICSI, a single sperm is injected directly into a woman's egg. Other types of ART exist but are rarely performed. **Gamete intrafallopian transfer (GIFT)** involves using a fiber optic instrument called a laparoscope to guide the transfer of unfertilized eggs and sperm (gametes) into a woman's fallopian tubes through small incisions in her abdomen. **Zygote intrafallopian transfer (ZIFT)** involves fertilizing a woman's eggs in the laboratory and then using a laparoscope to guide the transfer of the fertilized eggs (zygotes) into a woman's fallopian tubes.

In addition, ART is often categorized according to whether the procedure involved freezing all eggs or embryos (banking), whether the procedure used a patient's own eggs or eggs from another woman (donor), whether the eggs were frozen and thawed before use, and whether the embryos used were newly fertilized (fresh) or previously fertilized, frozen, and then thawed.

3. What is an ART cycle?

Because ART consists of several steps, an ART procedure is typically referred to as a cycle of treatment rather than a procedure at a single point in time. The start of an ART cycle is usually when a woman begins taking medication to stimulate egg production or begins monitoring with the intent of having embryos transferred. If eggs are produced, the cycle progresses to egg retrieval. Retrieved eggs can be combined with sperm to create embryos or frozen for future use. If fertilization is successful, embryos can be selected for transfer in the same cycle or frozen for future use. If embryo transfer results in implantation, the cycle may progress to clinical pregnancy and possibly a live-birth delivery. For the purposes of ART reporting, data on all cycles that were started, even those that were discontinued before all steps were undertaken, are counted in the clinic's success rates.

4. How do fertility clinics in the United States report data to CDC about their success rates?

CDC contracts with a statistical survey research organization, Westat, to obtain the data published in this 2019 Assisted Reproductive Technology Fertility Clinic and National Summary Report and presented online in <u>ART Fertility</u> <u>Clinic Success Rates</u> (hereafter called the ART reports when discussed collectively in this publication). Westat maintains a list of all fertility clinics known to be in operation, identifies new clinics throughout the year, and tracks clinic reorganizations and closings. This list includes clinics and individual providers that are members of the Society for Assisted Reproductive Technology (SART), as well as clinics and providers that are not SART members.

Westat maintains the National ART Surveillance System (NASS), the web-based data collection system that all fertility clinics use to submit data to CDC. Clinics either electronically enter or import data into NASS for each ART cycle started in a given reporting year. SARTmember clinics can report directly to SART, and their data are imported into NASS. The data collected include de-identified information on the patient's medical history (such as infertility diagnoses), clinical information pertaining to the ART procedure, and information on resulting pregnancies and births.

5. Why are the ART reports published 2–3 years after the ART cycle was performed?

Before success rates based on live-birth delivery can be calculated, every ART pregnancy must be followed up to determine whether a birth occurred. Therefore, the earliest possible date that clinics can report ART outcomes is about 9–10 months past the end of the reporting year, when all the births have occurred. Accordingly, the results of all the cycles initiated in a given year (year 1) are not known until about September–October of the following year (year 2). After ART outcomes are known, the following occurs before ART reports are published:

- Clinics enter their data into NASS and verify that the generated clinic tables are accurate before submitting the data at the end of year 2.
- Preliminary data for fertility clinics are prepared and made available in the spring of year 3 on the CDC website at <u>www.cdc.gov/</u> <u>art/artdata</u>.
- After CDC conducts extensive data checks, ART reports and the ART Fertility Clinic Success Rates Dataset (which includes individual clinic success rates and a national summary) are published on the CDC website at www.cdc.gov/art/artdata later in year 3.

6. Why do the 2019 ART reports include 2018 ART cycles?

The ART reports contain statistics on two types of measures—noncumulative (or yearly) measures and cumulative measures. While calculations of noncumulative yearly measures (such as success rates for patients using donor eggs or embryos and general patient and cycle characteristics) are based on ART cycles performed in 2019, calculation of cumulative success rates requires data from two reporting years (2018 and 2019).

Cumulative success rates for patients using their own eggs represent the chance of having a baby after considering egg or embryo transfers that occur within 1 year after an egg retrieval (either intended or actual). The cumulative success rate calculation requires a follow-up period of about 21–22 months after egg retrieval: 12 months for egg or embryo transfers and 9–10 months for outcomes of these transfers to occur.

To calculate cumulative success rates for patients using their own eggs, we used complete information on all transfers and resulting outcomes occurring in 2018 and 2019 for patient egg retrievals that occurred in 2018. For more information on the calculation of cumulative success rates, see question 11.

7. Which clinics are represented in the ART reports?

The data in the ART reports come from 448 fertility clinics that provided and verified information about the outcomes of the ART cycles.

Although almost all clinics that provided ART services in the United States during 2019 are represented in the ART reports, data from 41 clinics or individual providers are not included because they did not report as required. Clinics known to have been in operation at any time during 2019 that did not report or verify their data are listed in this report as nonreporters, as required by law (see Appendix C: 2019 Nonreporting Clinics, by State).

Given the estimated number of ART cycles performed in nonreporting clinics, we estimate that ART surveillance covered 98% of ART cycles performed in the United States in 2019. We will continue to make every effort to include all clinics that provide ART services in future reports.

8. Can I use clinic success rates to measure the quality of ART services?

Although the quality of ART services can affect the reported outcomes, patient characteristics such as age, race or ethnicity, infertility diagnosis, or existing medical conditions can also contribute to differences in ART success rates. For example, a clinic may accept patients that would be denied care from another clinic, which may result in lower success rates even if the quality of care in the two clinics was identical.

The clinic-specific success rates provide information on ART use and the associated outcomes from each reporting clinic. However, differences in the success rates between clinics may not reflect differences in the quality of ART services.

9. Why aren't the clinics ranked by their success rates?

Many factors contribute to the success of an ART procedure, and a difference in success rates between two fertility clinics may reflect differences in the characteristics of patients treated, the types of procedures performed, or other factors. More explanations on how to use the success rates and other statistics published in ART reports are in the How to Access and Interpret Fertility Clinic Success Rates section.

This report should be used to help people considering an ART procedure find clinics where they can meet with ART providers to discuss their specific medical situation and their likelihood of success using ART. Contacting a clinic may also provide additional information that could be helpful in deciding whether to use ART. Because ART offers several treatment options, and because there are non-ART treatment options for infertility, many other factors may affect a person's decision. This report may be a helpful starting point for consumers to obtain information and consider their options.

10. Do the ART reports include all ART cycles performed by the reporting clinics?

The ART reports include 330,773 new ART cycles performed in 2019 by the 448 clinics that reported their data as required. ART cycles started in 2019 are used to report on the 2019 yearly measures (such as success rates for patients using donor eggs or embryos and general patient and cycle characteristics) and, in part, to report on cumulative success rates for patients using their own eggs from retrieval cycles performed in 2018. (See question 6 for additional details.) The 330,773 total cycles performed in 2019 excludes 10 cycles in which a new treatment procedure was being evaluated.

11. How are the success rates determined?

The ART reports present several measures of ART success, including the percentage of livebirth deliveries or singleton live-birth deliveries among all ART cycles or among ART cycles with at least one embryo transferred. Note that not all transfer cycles result in a pregnancy, and not all pregnancies result in a live-birth delivery. Because the ART reports are geared toward patients, the focus is on a live-birth delivery outcome-the delivery of one or more live infants. Singleton live-birth delivery (birth of a single live infant) is emphasized as a separate measure of success because it has a much lower risk than a multiple live-birth delivery for adverse outcomes for mothers and infants, including cesarean section, prematurity, low birth weight, and infant disability or death.

Because of changes in clinical practice and more variation in ART treatment options, including improvements in egg and embryo cryopreservation (freezing), the field of ART is moving toward reporting cumulative success rates whenever possible. In the ART reports, success rates for patients using their own eggs are shown as cumulative success rates. These rates are calculated after accounting for all transfers of eggs or embryos that occur within 1 year after an egg retrieval. Thus, the calculation of cumulative success rates includes ART cycles performed in 2018 and 2019. (For more details about the calculation of cumulative success rates for patients using their own eggs, see the How to Access and Interpret Fertility Clinic Success Rates section.)

Calculation of noncumulative yearly success rates, such as success rates for patients using donor eggs, only includes ART cycles performed in 2019. (For more details about the calculation of success rates for patients using donor eggs or embryos, see the How to Access and Interpret Fertility Clinic Success Rates section.)

12. What are my chances of getting pregnant using ART?

ART success rates vary in the context of patient and treatment characteristics. These characteristics include age, type of infertility diagnosis, number of embryos transferred, type of ART procedure, use of techniques such as ICSI, and history of previous births, miscarriages, and ART cycles. CDC's Division of Reproductive Health has developed the In Vitro Fertilization (IVF) Success Estimator tool to estimate the chance of having a baby using IVF—the most common type of ART. Estimates are calculated based on the experiences of women and couples with similar characteristics. This estimator tool is available at www.cdc.gov/art/ivf-success-estimator.

13. What quality control steps are used to ensure data accuracy?

To have their success rates published in the ART reports, clinics must submit their data in time for analysis, and the clinics' medical directors must verify by signature that the generated clinic tables are accurate. Then, Westat conducts an in-house review of the data and contacts the clinics if corrections are necessary. After the data have been checked, a quality control process called validation normally begins.

During the annual validation process, members of the Westat validation team meet with a selection of reporting clinics and review medical record data for a sample of the clinic's ART cycles. For each cycle, the validation team reviews information from the patient's medical record. The information collected is then compared with the data submitted for the ART reports. In recent years, up to 35 reporting clinics (approximately 8% of the total reporting clinics) have been selected for validation.

The data validation process does not include any assessment of clinical practice or overall record keeping. Validation primarily helps ensure that clinics submit accurate data. It also serves to identify any systematic problems that could cause data collection to be inconsistent or incomplete.

14. Does CDC collect any data that it does not include in the annual ART reports?

CDC uses any data collected and not included in the annual ART reports to monitor emerging practice patterns, better understand success rates by the characteristics of the patient or practice, evaluate emerging ART research questions, and monitor safety and efficacy issues related to ART treatment in order to improve maternal and child health outcomes. CDC also uses these data in the IVF Success Estimator tool, State-Specific ART Surveillance report, and scientific publications that are available at <u>www.cdc.gov/art</u>.

15. How does CDC ensure the confidentiality of the ART data it collects?

CDC has an Assurance of Confidentiality for the ART database. An assurance is a formal confidentiality protection used for projects conducted by CDC staff or contractors involving the collection or maintenance of sensitive, identifiable, or potentially identifiable information. The assurance protects the confidentiality of individuals and institutions included in ART data. The ART data are stored in a secure, limitedaccess, password-protected environment.

16. Why don't the ART reports contain specific medical information about ART?

The ART reports describe the average chances of success per ART cycle. Although the ART reports provide some information about factors such as age and type of infertility diagnosis, patients have many unique medical situations. This populationbased registry of ART procedures cannot capture detailed information about specific medical conditions associated with infertility. Patients should consult with their physician to understand their specific medical situation and their chances of success using ART.

17. Why are statistics published by CDC different from SART's IVF Success Rate Reports?

In 2019, 81% of all fertility clinics reporting data to CDC were SART members. Annual summary statistics of ART treatments performed in each SART member clinic are available in CDC's ART reports and on the SART website at <u>www.</u> <u>sart.org</u>. Discrepancies in tabulated statistics between CDC and SART tables may be due to (1) the inclusion of ART treatments performed at non-SART member clinics in CDC's ART reports; (2) differences in data submission deadlines for CDC and SART, which may result in some fertility clinics being excluded from CDC's ART reports; and (3) differences in data processing procedures, statistical methods, choice of reported measures, and data presentation.

18. Does CDC have any information on the women who donate eggs?

When a woman seeks treatment for the purpose of donating her eggs, CDC collects information on the donor such as age, race or ethnicity, and details about the stimulation and retrieval. While CDC does not present data about egg donors in the ART reports, success rates for cycles using donor eggs or embryos derived from donor eggs are presented.

19. Are there any medical guidelines for ART performed in the United States?

ASRM and SART issue guidelines for specific ART practices, such as the number of embryos to be transferred in an ART procedure. More information is available from ASRM or SART at their websites: <u>www.asrm.org</u> and <u>www.sart.org</u>.

20. Where can I get additional information on US fertility clinics?

For more information on specific clinics, contact the clinic directly. (See Appendix C: ART Clinics for contact information.) SART can also provide general information about its member clinics (call 205-978-5000 or visit <u>www.sart.org</u>).

21. What resources are available for people experiencing infertility or people interested in ART?

Resources for people experiencing infertility can be found at <u>www.cdc.gov/reproductivehealth/</u> <u>infertility</u> under Related Links. The CDC Division of Reproductive Health's IVF Success Estimator tool can be found at <u>www.cdc.gov/</u> <u>art/ivf-success-estimator</u>. Resources for people interested in ART can be found at <u>www.cdc.gov/</u> <u>art/whatis.html</u> under Related Resources.

22. What's new in the 2019 ART reports?

CDC continuously strives to present the most accurate and relevant ART fertility clinic success rates to help guide potential patients' decisions. For the first time, clinic-specific success rates can now be accessed only online at <u>www.cdc.</u> <u>gov/art/artdata/index.html</u>. In addition, National Summary Figures of pooled US fertility clinic data are included in this report.

Modifications in this report include the combined reporting of success rates for patients using their own eggs who are aged 41–42 or older than age 42 in the National Summary table (see the National ART Summary section). This change is consistent with the online clinic and national data. In addition, the calculations for ART cycle discontinuation measures were updated to better reflect the following aspects of clinical care: discontinuation between cycle start and egg retrieval and discontinuation between egg retrieval and egg or embryo transfer or banking (see the How to Access and Interpret Fertility Clinic Success Rates section).

2019

How to Access and Interpret Fertility Clinic Success Rates



How to Access and Interpret Fertility Clinic Success Rates

Consumers can find fertility clinic success rates and clinic profiles at <u>www.cdc.gov/art/artdata/</u> index.html.

The information in this section is provided to help consumers navigate and understand the information presented online, explore clinic services, see the types of patients each clinic treats, and understand fertility clinic success rates based on the latest data from the National ART Surveillance System.

To view <u>pooled data from all US reporting clinics</u>, select the link above or below the map on the main page. Pooled data from all reporting clinics provide a national summary of patient and cycle characteristics and ART success rates from all reporting clinics in the United States.

Finding a Fertility Clinic in Your Area

You can use the information at <u>www.cdc.gov/</u> <u>art/artdata/index.html</u> to find a fertility clinic in your area in several ways. You can find all fertility clinics known to be in operation during the reporting year in any of the 50 US states, the District of Columbia, and Puerto Rico by selecting the state of your choice from the national map or by selecting a state from the drop-down menu below the national map.

You can also locate operating fertility clinics by entering your zip code and the mile radius. The list of all operating clinics that satisfy your search criteria will be shown. Selecting a fertility clinic from the list will take you to the individual clinic page, which has five navigation tabs: (1) Clinic Services and Profile, (2) Patient and Cycle Characteristics, (3) Success Rates: Patients Using Own Eggs, (4) Success Rates: Patients Using Donor Eggs, and (5) Clinic Data Summary.

Clinic Services and Profile

The Clinic Services and Profile navigation tab provides an overview of clinic services, the clinic's contact information, a map showing clinic location, the medical director's name, and summary statistics.

A Clinic Services and Profile table includes the following information:

• Donor egg services

A clinic may have a donor egg program for ART in which a donor egg is retrieved from one woman (the donor) and fertilized with either partner or donor sperm, and then the resulting embryo is transferred to the uterus of another woman (the recipient). A "Yes" indicates the clinic provided the service, and a "No" means they did not.

Donor embryo services

A clinic may have a donor embryo program using embryos that were donated by other patients who previously underwent ART treatment and had extra embryos available. A "Yes" indicates the clinic provided the service, and a "No" means they did not.

Embryo cryopreservation services

A clinic may have a program for freezing embryos for potential future use. A "Yes" indicates the clinic provided the service, and a "No" means they did not.

• Egg cryopreservation services

A clinic may have a program for freezing eggs for potential future use. A "Yes" indicates the clinic provided the service, and a "No" means they did not.

Gestational carrier services

Policies regarding ART services using gestational carriers (also known as surrogates) vary from clinic to clinic. Some states do not permit clinics to offer this service. A clinic may have a gestational carrier program. A "Yes" indicates the clinic provided the service, and a "No" means they did not.

SART member

The Society for Assisted Reproductive Technology (SART) is an affiliate of the American Society for Reproductive Medicine (ASRM). It is a professional society composed of clinics and programs that provide ART. A "Yes" indicates the clinic was a member at the time of reporting, and a "No" means it was not.

Verified lab accreditation

A clinic laboratory may be accredited by at least one of three specified accrediting organizations: the College of American Pathologists, The Joint Commission, or the New York State Tissue Bank Program. A "Yes" indicates the clinic had an embryo laboratory accreditation at the time of reporting. A "No" indicates that the embryo laboratory was not accredited by any of these organizations or did not provide proof of accreditation to CDC. A "Pending" means that the clinic submitted an application for accreditation to one or more of the three organizations and provided proof of such application to CDC. Please note that, effective in 2021, the New York State Tissue Bank Program will no longer be a recognized accreditation body for embryo laboratories. More information on laboratory accreditation for specific clinics is provided in Appendix C: 2019 Reporting Clinics, by State.

A Clinic Summary table provides the following information:

Total cycles

Because ART consists of several steps, an ART procedure is typically referred to as a cycle of treatment rather than a procedure at a single point in time. Total cycles are the total number of ART cycles a clinic started.

• Fertility preservation cycles

Fertility preservation cycles are the number of cycles started with the intent of freezing and banking all eggs or embryos for at least 12 months for future use.

• Pregnancies

The total number of pregnancies that resulted from ART cycles. Since some pregnancies end in a miscarriage or stillbirth, the number of pregnancies may be higher than the number of live-birth deliveries or infants born.

• Deliveries

The total number of live-birth deliveries of infants conceived with the help of ART. One delivery could result in one or more infants born.

Total infants born

The total number of infants born who were conceived using ART, including single infants and infants born in a multiple-birth delivery (such as twins or triplets).

Patient and Cycle Characteristics

The Patient and Cycle Characteristics navigation tab summarizes the types of ART services performed and the kinds of patients who received ART procedures in a specific clinic. Using a drop-down menu, you can select a patient or cycle characteristic of interest. By selecting the Show National Data box, the characteristics from individual fertility clinic can be compared with national data.

Patient characteristics include the following information:

• What were the ages of patients who used ART?

The ages of patients who used ART are categorized into four groups: patients younger than age 35, aged 35–37, aged 38–40, and older than age 40.

• What were the reasons patients used ART?

This section reports the patients' or couples' diagnoses or reasons for using ART. You may want to find a clinic that commonly performs cycles for patients or couples with similar reasons and diagnoses as yours. The total percentages may add to more than 100% because there can be more than one reason or diagnosis reported for each ART cycle. This section excludes cycles performed to evaluate new procedures. For additional information about diagnoses, see Appendix B: Glossary of Terms.

• What was the percentage of cycles in which patients used their own eggs or embryos?

As patient age increases, patient outcomes may differ based on whether they used their own eggs or embryos or donor eggs or embryos. Percentages of all ART cycles started in which the patient used their own eggs, by patient age, are displayed here. Since patient characteristics are presented per cycle rather than per patient, patients who had more than one ART cycle within the reporting year are represented more than once.

 What was the percentage of cycles in which patients used donor eggs or embryos?

Percentages of all ART cycles started in which the patient used donor eggs or embryos, by patient age, are displayed here. Since patient characteristics are presented per cycle rather than per patient, patients who had more than one ART cycle within the reporting year are represented more than once.

Cycle characteristics include the following information:

• What percentage of intended egg retrieval cycles were discontinued without any eggs retrieved?

This is the percentage of all intended egg retrieval cycles that were discontinued without any eggs retrieved. A cycle may be discontinued for many reasons, including poor response of a woman's body to medications, illness, or other medical or personal reasons. The denominator for this measure includes all cycles with the expectation to retrieve eggs. The numerator includes all cycles that were discontinued before egg retrieval.

• What percentage of cycles were discontinued after retrieval and before transfer or banking?

This is the percentage of all cycles that were discontinued after egg retrieval but before egg or embryo transfer or banking. A cycle may be discontinued after egg retrieval for many reasons, including inability of embryos to develop, illness, or other medical or personal reasons. The denominator for this measure includes all cycles in which eggs were retrieved and all cycles in which previously frozen eggs or embryos were thawed for transfer. The numerator includes all cycles that were discontinued before a transfer or banking occurred.

• What was the percentage of cycles discontinued before an egg or embryo was transferred or banked?

This is the percentage of all cycles that were discontinued before egg or embryo transfer or banking. All ART cycles start with the intent to transfer eggs or embryos or freeze them for future use. A cycle may be discontinued for many reasons, including poor response of a woman's body to medications, inability of embryos to develop, illness, or other medical or personal reasons. The denominator for this measure includes all cycles started with the intent to transfer or freeze eggs or embryos (i.e., all cycles). The numerator includes all cycles that were discontinued at any time before a transfer or banking occurred.

What percentage of cycles were used for fertility preservation?

This is the percentage of all cycles that were intended for fertility preservation. These cycles were started with the intent to freeze all retrieved eggs or embryos from the patient or a donor for use more than 12 months in the future.

• What percentage of transfers used a gestational carrier?

This is the percentage of embryo transfers in which the intended parent does not carry the pregnancy but instead uses a gestational carrier. A gestational carrier (also known as a gestational surrogate) is a woman who gestates an embryo that was formed from the egg of another woman with the expectation of returning the infant to its intended parent(s). The eggs or embryos can be either fresh or previously frozen and thawed. They can come from either intended parents or donors. The denominator includes all cycles in which at least one egg or embryo was transferred. The numerator includes the total number of transfers in which the pregnancy carrier was a gestational carrier.

What percentage of transfers used frozen embryos?

This is the percentage of embryo transfers in which at least one frozen embryo created from either fresh or frozen eggs was transferred to the intended parent or gestational carrier. The denominator includes all cycles in which at least one egg or embryo was transferred. The numerator includes all transfers with at least one frozen embryo.

• What percentage of transfers used intracytoplasmic sperm injection?

This is the percentage of embryo transfers in which at least one embryo was fertilized using intracytoplasmic sperm injection (ICSI). ICSI is a procedure in which a single sperm is injected directly into an egg for fertilization, typically to overcome male factor infertility. It is an alternative to conventional in vitro fertilization (IVF), in which sperm compete to fertilize an egg. The denominator includes all cycles in which at least one egg or embryo was transferred. The numerator includes all transfers in which ICSI was performed.

• What percentage of transfers used preimplantation genetic testing?

This is the percentage of embryo transfers in which at least one embryo underwent preimplantation genetic testing (PGT). PGT is used to detect chromosomal or genetic abnormalities and prevent the transmission of inherited diseases. The denominator includes all cycles in which at least one egg or embryo was transferred. The numerator includes all transfers in which PGT was performed.

• What percentage of transfers used a single embryo?

The best outcome of ART is the birth of a healthy infant. For most patients, this outcome can be achieved when a single embryo is selected for transfer, regardless of the number of embryos available. The percentage of embryo transfers that used a single embryo is displayed here.

What was the average number of embryos transferred?

The average number of embryos transferred during one embryo transfer procedure is displayed here.

ART Success Rates

Since ART success depends on whether patients are using their own eggs or donor eggs, the navigation tab for Success Rates presents information separately for these two groups. Using a drop-down menu, you can select a success rate of interest. In addition, you can view success rates for patients with a specific diagnosis by using a filter function on the left. By selecting the Show National Data box, the success rates from an individual fertility clinic can be compared with national data.

An ART cycle starts when a woman begins taking fertility drugs or having her ovaries monitored for follicle production with the intent to retrieve eggs (intended retrieval). If eggs are produced, the cycle progresses to egg retrieval, in which at least one egg is retrieved (actual retrieval). Retrieved eggs are either combined with sperm to create embryos or frozen for future use (egg cryopreservation). If fertilization is successful, at least one embryo may be selected for transfer. The embryos may be transferred to the patient or to a gestational carrier (embryo transfer). Other embryos can be frozen for future use (embryo cryopreservation). If embryo transfer results in implantation, the cycle may progress to clinical pregnancy and, possibly, a live-birth delivery.

Interpretation of Fertility Clinic Success Rates

Many people considering ART will want to use the information presented online in ART Fertility Clinic Success Rates to find the "best" clinic. However, comparisons between clinics must be made with caution. Many factors contribute to the success of an ART procedure. Some factors are related to the training and experience of the fertility clinic and laboratory professionals and the quality of services they provide. Other factors are related to the patients themselves, such as their age, the quality of their eggs and sperm, the cause of their infertility, and genetic factors. Some clinics may be more willing than others to accept patients with low chances of success or may specialize in ART treatments that attract particular types of patients.

We encourage consumers considering ART to contact clinics to discuss their specific medical situations and their potential for success using ART. Because clinics did not have the opportunity to provide narratives to explain their data, such conversations could provide additional information to help consumers decide whether to use ART.

Although ART offers important options for the treatment of infertility, the decision to use ART involves many factors in addition to success rates. Therefore, consumers should carefully examine all related financial, psychological, and medical issues before beginning treatment. They also may want to consider the location of the clinic, the counseling and support services available, and the rapport that staff members have with their patients.

Other important factors to consider when using success rates to assess a clinic include the following:

• ART statistics are from cycles performed more than 1 year ago

Before success rates can be calculated, ART treatments need to be completed; successful cycles need to be followed up to determine whether a birth occurred; data need to be collected, reported, cleaned, and analyzed; and the ART reports need to be prepared for publication. While the calculation of noncumulative yearly success rates for patients using donor eggs or embryos only requires information on transfers performed in 2019, the calculation of cumulative success rates for patients using their own eggs uses egg retrievals performed in 2018. Many factors that contribute to a clinic's success rates may have changed in the years since the cycles included in the data were performed. Personnel may be different and equipment and training may or may not have been updated. As a result, the success rates may not necessarily represent current rates.

Success rates may vary

A clinic's success rates may vary from year to year, even if all determining factors remain the same. The more cycles that a clinic carries out, the less the rate is likely to vary. Conversely, clinics that perform fewer cycles are likely to have more variability in success rates from year to year. As an extreme example, if a clinic reports only one ART cycle in a given category, as is sometimes the case in the data presented here, the clinic's success rate in that category would be either 0% or 100%.

Some clinics see more than the average number of patients with difficult infertility problems

Some clinics offer ART to most potential patients, even those who have a low probability of success. Others discourage such patients or encourage them to use donor eggs, a practice that results in higher success rates among older patients. Clinics that accept a higher percentage of patients who previously have had multiple unsuccessful ART cycles will generally have lower success rates. In contrast, clinics that offer ART procedures to patients who might have become pregnant with less technologically advanced treatment will generally have higher success rates. CDC does not collect information on clinic-specific patient selection practices.

• The number of embryos transferred varies from clinic to clinic

ASRM and SART discourage the transfer of a large number of embryos because of the increased likelihood of multiple-fetus pregnancies. Multiple-fetus pregnancies, in turn, increase the probability of premature births and related health problems.

Success Rates: Patients Using Own Eggs

This navigation tab highlights fertility clinic success rates of patients who used their own eggs. Since ART success depends on whether patients are using ART for the first time or had prior ART cycles, a drop-down menu allows users to examine success rates for all "Patients using their own eggs" or for "Patients with no prior ART using their own eggs." This section excludes cycles that were considered research—that is, cycles performed to evaluate new procedures.

Patients using their own eggs

The success rates are shown per intended retrieval, per actual retrieval, and per transfer. In addition, the average number of transfers per intended retrieval and the average number of intended retrievals per live-birth delivery are shown. Success rates for patients using their own eggs are reported as cumulative success rates. Cumulative success rates take into account egg or embryo transfers that occur within 1 year after an egg retrieval. Calculation of cumulative success rates requires data from two reporting years for patients using their own eggs: 2018 for egg retrieval cycles and 2018 and 2019 to look at resulting transfer cycles that occurred during those years and outcomes from those transfer cycles. The details of the calculation for each success rate selected from the drop-down choices are described below.

What was the percentage of intended egg retrievals that resulted in a livebirth delivery?

This is the percentage of cycles started in 2018 with the intent to retrieve eggs that resulted in a live-birth delivery. Not all cycles started with the intent to retrieve eggs result in actual egg retrieval; some cycles may be canceled before the egg retrieval is performed. Cycles may be canceled for many reasons, such as eggs may not have developed, the patient became ill, or the patient chose to stop treatment. Therefore, the number of intended retrievals may be higher than the number of actual retrievals. A live-birth delivery is the delivery of one or more infants with at least one born alive. The denominator for this measure includes the number of intended retrievals described above. The numerator includes the livebirth deliveries that have resulted from the

intended retrievals and associated transfers within 12 months of cycle start. For example, if a clinic started 60 intended egg retrievals, and these resulted in 30 live-birth deliveries, the average live-birth delivery rate for intended retrievals would be 30 (live-birth deliveries) \div 60 (intended retrievals) = 0.5, or 50.0% of intended retrievals resulting in a live-birth delivery.

• What was the percentage of intended egg retrievals that resulted in a singleton livebirth delivery?

This is the percentage of all intended retrievals started in 2018 that resulted in a singleton livebirth delivery. A singleton live-birth delivery is the delivery of one infant who was born alive. The denominator for this measure includes the number of intended retrievals described above. The numerator includes singleton livebirth deliveries that resulted from the intended retrievals and associated transfers within 12 months of cycle start.

For example, if a clinic started 60 intended retrievals, and these resulted in 24 singleton live-birth deliveries, the average live-birth delivery rate for intended retrievals would be 24 (singleton live-birth deliveries) \div 60 (intended retrievals) = 0.4, or 40.0% of intended retrievals resulting in a singleton livebirth delivery.

• What was the percentage of intended egg retrievals that resulted in a single, term, normal weight live-birth delivery?

This is the percentage of all intended retrievals started in 2018 that resulted in a single, term, normal weight live-birth delivery. Term birth is defined as at least 37 weeks of gestation, and normal weight is defined as at least 2,500 grams. The denominator for this measure includes the number of intended retrievals described above. The numerator includes single, term, normal weight live-birth deliveries that resulted from the intended retrievals and associated transfers within 12 months of cycle start. For example, if a clinic started 60 intended retrievals, and these resulted in 20 single, term, normal weight live-birth deliveries, the average live-birth delivery rate for intended retrievals would be 20 (single, term, normal weight live-birth deliveries) \div 60 (intended retrievals) = 0.3, or 30.0% of intended retrievals resulting in a single, term, normal weight live-birth delivery.

• What was the percentage of intended egg retrievals that resulted in a multiple livebirth delivery?

This is the percentage of all intended retrievals started in 2018 that resulted in a multiple live-birth delivery (delivery of two or more infants with at least one born alive). The denominator for this measure includes the number of intended retrievals described above. The numerator includes multiple livebirth deliveries that resulted from the intended retrievals and associated transfers within 12 months of cycle start.

For example, if a clinic started 60 intended retrievals, and these resulted in 6 multiple livebirth deliveries, the average multiple live-birth delivery rate for intended retrievals would be 6 (multiple live-birth deliveries) \div 60 (intended retrievals) = 0.10, or 10% of intended retrievals resulting in a multiple live-birth delivery.

• What was the percentage of actual egg retrievals that resulted in a livebirth delivery?

Actual egg retrieval is an ART cycle in which at least one egg was retrieved from the patient. The denominator for this measure includes the number of actual retrievals described above. The numerator includes the live-birth deliveries that resulted from the retrievals and associated transfers within 12 months of cycle start. For example, if a clinic started 60 intended retrievals, and 55 of these intended retrieval cycles progressed to the egg retrieval stage, which resulted in 30 live-birth deliveries, the average live-birth delivery rate per actual egg retrieval would be 30 (live-birth deliveries) \div 55 (actual retrievals) = 0.545, or 54.5% of actual retrievals resulting in a live-birth delivery.

• What was the percentage of actual egg retrievals that resulted in a singleton livebirth delivery?

The denominator for this measure includes the number of actual retrievals described above. The numerator includes singleton live-birth deliveries that resulted from the retrievals and associated transfers within 12 months of cycle start.

For example, if a clinic started 60 intended egg retrievals, and 55 of these intended retrieval cycles progressed to the egg retrieval stage, which resulted in 24 singleton live-birth deliveries, the average singleton live-birth delivery rate per actual egg retrieval would be 24 (singleton live-birth deliveries) \div 55 (actual retrievals) = 0.436, or 43.6% of actual retrievals resulting in a singleton live-birth delivery.

• What was the percentage of actual egg retrievals that resulted in a single, term, normal weight live-birth delivery?

The denominator for this measure includes the number of actual retrievals described above. The numerator includes single, term, normal weight live-birth deliveries that resulted from the retrievals and associated transfers within 12 months of cycle start.

For example, if a clinic started 60 intended egg retrievals, and 55 of these intended retrieval cycles progressed to the egg retrieval stage, which resulted in 20 single, term, normal weight live-birth deliveries, the average single, term, normal weight live-birth delivery rate per actual egg retrieval would be 20 (single, term, normal weight live-birth deliveries) \div 55 (actual retrievals) = 0.363, or 36.3% of actual retrievals resulting in a single, term, normal weight livebirth delivery.

• What was the percentage of actual egg retrievals that resulted in a multiple livebirth delivery?

The denominator for this measure includes the number of actual retrievals described above. The numerator includes multiple live-birth deliveries that resulted from the retrievals and associated transfers within 12 months of cycle start. For example, if a clinic started 60 intended egg retrievals, and 55 of these intended retrieval cycles progressed to the egg retrieval stage, which resulted in 6 multiple live-birth deliveries, the average multiple live-birth delivery rate per egg retrieval would be 6 (multiple live-birth deliveries) \div 55 (actual retrievals) = 0.109, or 10.9% of actual retrievals resulting in a multiple live-birth delivery.

• What was the percentage of transfers that resulted in a live-birth delivery?

The embryos transferred can be either fresh or previously frozen and thawed. Not all cycles started with the intent to retrieve eggs result in embryo transfer; some cycles may be canceled before the egg retrieval is performed or before one or more embryos are transferred into a woman's uterus. Cycles may be canceled for many reasons, such as eggs may not have developed or could not be fertilized, fertilized eggs failed to develop into good-quality embryos, frozen embryos failed to survive the thaw, the patient became ill, or the patient chose to stop treatment. The denominator for this measure includes the number of embryo transfers described above. The numerator includes the live-birth deliveries that resulted from the transfer of eggs or embryos.

For example, if 60 intended retrievals were associated with 58 transfers within 12 months of cycle start and resulted in 30 live-birth deliveries, the average success rate per transfer would be 30 (live-birth deliveries) ÷ 58 (transfers) = 0.517, or 51.7% of transfers resulting in a live-birth delivery.

• What was the percentage of transfers that resulted in a singleton live-birth delivery?

The denominator for this measure includes the number of transfers described above. The numerator includes singleton live-birth deliveries that resulted from the transfer of eggs or embryos. For example, if 60 intended retrievals were associated with 58 transfers within 12 months, which resulted in 24 singleton live-birth deliveries, the average success rate per transfer would be 24 (singleton live-birth deliveries) \div 58 (transfers) = 0.414, or 41.4% of transfers resulting in a singleton live-birth delivery.

• What was the percentage of transfers that resulted in a single, term, normal weight live-birth delivery?

The denominator for this measure includes the number of transfers described above. The numerator includes single, term, normal weight live-birth deliveries that resulted from the transfer of eggs or embryos. For example, if 60 intended retrievals were associated with 58 transfers within 12 months, which resulted in 20 single, term, normal weight live-birth deliveries, the average success rate per transfer would be 20 (single, term, normal weight live-birth deliveries) \div 58 (transfers) = 0.344, or 34.4% of transfers resulting in a single, term, normal weight live-birth delivery.

• What was the percentage of transfers that resulted in a multiple live-birth delivery?

The denominator for this measure includes the number of transfers described above. The numerator includes multiple live-birth deliveries that resulted from the transfer of eggs or embryos. For example, if 60 intended retrievals were associated with 58 transfers within 12 months, which resulted in 6 multiple live-birth deliveries, the average multiple live-birth delivery rate per transfer would be 6 (multiple live-birth deliveries) ÷ 58 (transfers) = 0.103, or 10.3% of transfers resulting in a multiple live-birth delivery.

• What was the average number of transfers per intended egg retrieval?

The denominator for this measure is the total number of intended retrievals started in 2018. The numerator is the total number of transfers within 12 months after intended retrievals. For example, if there were 45 transfers after 60 intended retrievals, the average number of transfers per intended retrieval would be 45 (transfers) \div 60 (intended retrievals) = 0.75 transfers per intended egg retrieval.

• What was the average number of intended egg retrievals per live-birth delivery?

The denominator for this measure includes the number of live-birth deliveries resulting from the transfer of eggs or embryos following cycles started in 2018. The numerator is the number of intended retrievals described above. For example, if 30 live-birth deliveries and 60 intended retrievals were reported, the average number of intended retrievals per livebirth delivery would be 60 (intended retrievals) \div 30 (live-birth deliveries) = 2.0 intended retrievals per live-birth delivery.

Patients with no prior ART using their own eggs

Information for patients with no prior ART using their own eggs provides the success rates for first-time ART users who intended to use their own eggs (new patients). These patients were reported to have no previous ART stimulations or previously frozen ART cycles. CDC reported cumulative success rates for patients with no prior ART cycles after their first intended retrieval, first or second intended retrieval, and after all intended retrievals that occurred in 2018. If the first intended retrieval did not result in a live-birth delivery, the patients may have initiated additional cycles. Therefore, the success rate for multiple retrievals was calculated.

What was the percentage of new patients having live-birth deliveries after one intended egg retrieval?

The denominator for this measure includes the number of new patients (as defined above). The numerator includes the live-birth deliveries that resulted from the first intended retrieval and associated transfers within 12 months of cycle start. For example, if there were 40 new patients and their first intended retrieval resulted in 22 live-birth deliveries, the average live-birth delivery rate for the first intended retrieval retrieval would be 22 (live-birth deliveries) \div 40 (new patients) = 0.55, or 55.0% of new patients having a live-birth delivery after the first retrieval.

• What was the percentage of new patients having live-birth deliveries after one or two intended egg retrievals?

This is the percentage of patients with no prior ART cycles with a live-birth delivery after their first or second (if the first retrieval did not result in a live-birth delivery) intended retrieval. The denominator for this measure includes the number of new patients. The numerator includes the live-birth deliveries that resulted from the associated transfer(s) of embryos after the first or second egg retrieval.

For example, if there were 40 new patients, and their first intended retrievals resulted in 22 live-birth deliveries, some of the remaining patients who did not have a delivery would then have second egg retrievals in 2018, which resulted in 3 live-birth deliveries, making the total number of live-birth deliveries after one or two intended retrievals 25. Thus, the average live-birth delivery rate after the first or second intended retrievals would be 25 (livebirth deliveries) \div 40 (new patients) = 0.625, or 62.5% of new patients had a live-birth delivery after the first or second retrieval.

• What was the percentage of new patients having live-birth deliveries after all intended egg retrievals?

This is the percentage of patients with no prior ART cycles who had a live-birth delivery after all intended retrievals in 2018. The number of intended retrievals varies by the patient; it could be one, two, three, or more intended retrievals. The denominator for this measure includes the number of new patients. The numerator includes the live-birth deliveries that resulted from the associated transfer(s) of eggs or embryos after all egg retrievals were performed in 2018. For example, if there were 40 new patients that had 26 live-birth deliveries after all intended retrievals in 2018, the average live-birth delivery rate after all intended retrievals would be 26 (live-birth deliveries) \div 40 (new patients) = 0.65, or 65.0% of new patients had a live-birth delivery after all intended retrievals.

• What was the average number of intended egg retrievals per new patient?

This is the average number of intended retrievals that started in 2018 among patients with no prior ART cycles. The denominator for this measure is the number of new patients. The numerator is the number of intended retrievals among new patients. For example, if a clinic started 45 intended retrievals among 40 new patients, the average number of intended retrievals would be 45 (new patient intended retrievals) \div 40 (new patients) = 1.1 intended retrievals among new patients.

• What was the average number of transfers per intended egg retrieval?

This is the average number of transfers of eggs or embryos that occurred per intended retrieval among patients with no prior ART cycles. The denominator for this measure is the total number of intended retrievals among new patients. The numerator is the total number of transfers within 12 months after intended retrievals among new patients. For example, if there were 55 transfers after 45 intended retrievals among new patients in 2018, the average number of transfers per intended retrieval would be 55 (transfers) \div 45 (intended retrievals) = 1.2 transfers per intended retrieval among new patients.

Success Rates: Patients Using Donor Eggs

This navigation tab provides data on success rates for ART cycles that involve the transfer of embryos created from donor eggs or embryos. Intended female parents who have premature ovarian failure (early menopause), whose ovaries have been removed, or who have a genetic concern about using their own eggs may consider using eggs that are donated by a woman without these conditions. Embryos may also be donated by patients who previously used ART. Embryos may be transferred to the intended parent or to a gestational carrier.

Success rates presented in this section are noncumulative. They are based on donor cycles started in 2019 that had embryo transfers, regardless of when the donor eggs were retrieved. This section also includes cycles in which intended parents transferred donated embryos in 2019. This section excludes cycles that were considered research—that is, cycles performed to evaluate new procedures. Success rates in this section are not presented by age group because previous data show that an intended parent's age does not substantially affect success when using donor eggs or embryos. The success rates are presented by types of embryos and eggs used in the transfer.

Fresh embryos, fresh eggs

This group of ART cycles involves fresh embryos created from fresh donor eggs. The eggs were retrieved from a donor and fertilized during the current cycle. Neither the donated eggs nor any resulting embryos were ever frozen prior to transfer.

Fresh embryos, frozen eggs

This group of ART cycles involves fresh embryos created from frozen donor eggs retrieved from a donor during a previous cycle and frozen for future use. The eggs were then thawed, fertilized, and transferred in 2019. The donated eggs were frozen prior to transfer, but any resulting embryos were not.

Frozen embryos

This group of ART cycles involves frozen embryos created from fresh or frozen donor eggs. In the case of fresh donor eggs, the eggs were retrieved from a donor during a previous cycle and immediately fertilized, and then the resulting embryos were frozen for future use. In the case of frozen donor eggs, the eggs were retrieved from a donor during a previous cycle, frozen, thawed, and fertilized, and then the resulting embryos were frozen for future use. For both fresh and frozen donor eggs, the frozen embryos were thawed in 2019 for transfer.

Donated embryos

This group of ART cycles involves donated embryos for transfer in 2019—that is, embryos donated from another patient or couple after their own ART treatment. The embryos can be fresh or frozen.

The details of the calculation for each success rate selected from the drop-down choices are described below.

• What was the percentage of embryo transfers that resulted in a live-birth delivery?

This is the percentage of donor transfers in 2019 that resulted in a live-birth delivery. The denominator for this measure includes the number of transfers in which at least one embryo created from a donor egg or donated embryo was used. The numerator includes the number of live-birth deliveries that resulted from the transfer of these embryos. For example, if 20 donor transfers resulted in 10 live-birth deliveries, the average success rate per transfer would be 10 (live-birth deliveries) \div 20 (transfers) = 0.5, or 50.0% of donor egg or embryo transfers resulting in a live-birth delivery.

• What is the percentage of transfers that resulted in a singleton live-birth delivery?

This is the percentage of donor transfers in 2019 that resulted in a singleton live-birth delivery. The denominator for this measure includes the number of transfers in which at least one embryo created from a donor egg or donated embryo was used. The numerator includes the number of singleton live-birth deliveries that resulted from the transfer of these embryos. For example, if 20 donor transfers resulted in 8 singleton live-birth deliveries, the average success rate per transfer would be 8 (singleton live-birth deliveries) \div 20 (transfers) = 0.4, or 40.0% of donor egg or embryo transfers resulting in a singleton live-birth delivery.

• What is the percentage of transfers that resulted in a single, term, normal weight live-birth delivery?

This is the percentage of donor transfers in 2019 that resulted in a single, term, normal weight live-birth delivery. The denominator for this measure includes the number of transfers in which at least one embryo created from a donor egg or donated embryo was used. The numerator includes the number of single, term, normal weight live-birth deliveries that resulted from the transfer of these embryos.

For example, if 20 donor transfers resulted in 6 single, term, normal weight live-birth deliveries, the average success rate per transfer would be 6 (single, term, normal weight live-birth deliveries) \div 20 (transfers) = 0.3, or 30.0% of donor egg or embryo transfers resulting in a single, term, normal weight live-birth delivery. What is the percentage of transfers that resulted in a multiple live-birth delivery?

This is the percentage of donor transfers in 2019 that resulted in a multiple live-birth delivery (delivery of two or more infants with at least one born alive). The denominator for this measure includes the number of transfers in which embryos created from donor eggs or donated embryos were used. The numerator includes the number of multiple live-birth deliveries that resulted from the transfer of these embryos.

For example, if 20 donor transfers resulted in 2 multiple live-birth deliveries, the average multiple live-birth delivery rate per transfer would be 2 (multiple live-birth deliveries) \div 20 (transfers) = 0.10, or 10.0% of embryo transfers resulting in a multiple live-birth delivery.

Clinic Data Summary

The Clinic Data Summary navigation tab provides a full snapshot of clinic services and profile, patient characteristics, and ART success rates. It is worth noting that patient medical characteristics, such as age, diagnosis, and ovarian reserve, affect ART treatment's success. Comparison of success rates across clinics may not be meaningful because of differences in patient populations and ART treatment methods.

The success rates displayed on this page do not reflect any one patient's chance of success. Patients should consult with a doctor to understand their chance of success based on their own characteristics.

2019

National ART Summary



Introduction to National Summary

Data from clinics in the United States that use <u>assisted reproductive technology</u> (<u>ART</u>) to treat infertility are a rich source of information about the factors that contribute to a successful ART treatment—the delivery of a healthy infant. Pooling the data from all reporting clinics provides a national picture that could not be obtained by examining data from an individual clinic.

The National ART Summary section includes data from the 448 US fertility clinics in operation in 2019 that provided and verified data on the outcomes of all ART cycles started in their clinics. ART cycles include any process in which (1) an ART procedure is performed, (2) a woman has undergone ovarian stimulation or monitoring with the intent of having an ART procedure, or (3) frozen embryos have been thawed with the intent of transferring them to a woman. For example, an ART cycle could include an embryo transfer from a previously frozen embryo. Another cycle could include stimulation, egg retrieval, and embryo transfer.

Of the 330,773 new ART cycles reported in 2019, a total of 209,687 (63%) were started with the intent to transfer at least one embryo. Among these 209,687 cycles, there were 171,206 embryo transfers. These embryo transfers resulted in 95,030 pregnancies, 77,998 livebirth deliveries (delivery of one or more living infants), and 83,946 infants. The other 121,086 cycles (37%) were banking cycles, where eggs or embryos were cryopreserved (frozen) and stored for potential future use. The 330,773 new ART cycles started in 2019 do not include 10 research cycles that were designed to evaluate a new treatment procedure.

A patient's chances of having a pregnancy and live-birth delivery when using ART are influenced by many factors. Some of these factors are patient-related, such as the patient's age or the cause of infertility. Others are clinic-related, such as a clinic's patient selection practices. The national data include information on many of these factors, which can give potential ART users an idea of the average chances of success.

Average chances, however, do not necessarily apply to a particular individual or couple. To help patients estimate their chance of having a baby through in vitro fertilization (IVF), the most common type of ART, CDC developed the IVF Success Estimator. This tool uses information about the experiences of women and couples with similar characteristics to estimate a person's chance of having a baby. These estimates are based on the available data and may not be representative of an individual patient's specific experience. In addition, the IVF Success Estimator does not provide medical advice, diagnosis, or treatment. Couples should talk with their doctor about their specific treatment plan and potential for success. This estimator tool is available at www.cdc.gov/art/ivf-successestimator.

The **National Summary Table** in this section provides a full snapshot of clinic services, clinic profiles, patient characteristics, and ART success rates. It combines information from all individual clinic data summaries presented online in <u>ART Fertility Clinic Success Rates</u> using the calculations described in the How to Access and Interpret Fertility Clinic Success Rates section.

The **National Summary Figures** include ART cycles started in 2019 as described above and provide information about patients who use ART, their reasons, and the types of procedures performed. They also provide data on pregnancy and infant outcomes and 10-year trends of the types of procedures performed and pregnancy outcomes. The figures include ART cycles that used fresh or frozen embryos from a female patient's own eggs or eggs from another woman (donor eggs). The National Summary Figures are based only on ART cycles performed in 2019 and cannot be used to calculate cumulative success rates.

National Summary Table

An accessible version of this table is available on the <u>Assisted Reproductive Technology Data</u> website under the Clinic Data Summary tab.

NATIONAL SUMMARY

DISCLAIMER: Patient medical characteristics, such as age, diagnosis, and ovarian reserve, affect the success of ART treatment. Comparison of success rates across clinics may not be meaningful due to differences in patient populations and ART treatment methods. The success rates displayed here do not reflect any one patient's chance of success. Patients should consult with a doctor to understand their chance of success based on their own characteristics.

Cumulative ART Success Rates for Intended Retrievals Among Patients Using Their Own Eggs^{a,b}

| | Patient Age | | | |
|--|-------------|--------|--------|--------|
| | <35 | 35–37 | 38-40 | >40 |
| All patients (with or without prior ART cycles) | | | | |
| Number of intended retrievals | 50,444 | 31,071 | 30,021 | 26,792 |
| Percentage of intended retrievals resulting in live-birth deliveries | 52.7% | 38.0% | 24.4% | 7.9% |
| Percentage of intended retrievals resulting in singleton live-birth deliveries | 47.1% | 34.4% | 22.4% | 7.5% |
| Number of retrievals | 47,769 | 28,394 | 26,563 | 22,283 |
| Percentage of retrievals resulting in live-birth deliveries | 55.7% | 41.5% | 27.6% | 9.5% |
| Percentage of retrievals resulting in singleton live-birth deliveries | 49.8% | 37.7% | 25.3% | 9.0% |
| Number of transfers | 53,534 | 26,356 | 18,509 | 9,396 |
| Percentage of transfers resulting in live-birth deliveries | 49.7% | 44.8% | 39.6% | 22.6% |
| Percentage of transfers resulting in singleton live-birth deliveries | 44.4% | 40.6% | 36.3% | 21.4% |
| Average number of intended retrievals per live-birth delivery | 1.9 | 2.6 | 4.1 | 12.6 |
| New patients (with no prior ART cycles) | | | | |
| Percentage of new patients having live births after 1 intended retrieval | 56.7% | 41.9% | 26.9% | 9.2% |
| Percentage of new patients having live births after 1 or 2 intended retrievals | 62.3% | 48.6% | 33.5% | 12.1% |
| Percentage of new patients having live births after all intended retrievals | 63.3% | 50.3% | 35.7% | 13.5% |
| Average number of intended retrievals per new patient | 1.2 | 1.3 | 1.4 | 1.5 |
| Average number of transfers per intended retrieval | 1.1 | 0.9 | 0.6 | 0.4 |

Non-Cumulative ART Success Rates for Transfers Among Patients Using Eggs or Embryos from a Donor^{a,b,c}

| | Fresh Embryos Fresh Eggs | Fresh Embryos Frozen Eggs | Frozen Embryos | Donated Embryos |
|--|-----------------------------|------------------------------|-------------------|--------------------|
| Number of transfers | 1,630 | 2,726 | 17,199 | 2,487 |
| Percentage of transfers resulting in live-birth deliveries | 53.9% | 45.8% | 48.8% | 44.4% |
| Percentage of transfers resulting in singleton live-birth deliveries | 47.1% | 41.7% | 44.9% | 38.7% |

Characteristics of ART Cycles^a

| | Patient Age | | | | |
|---|-------------|--------|--------|--------|---------|
| | <35 | 35–37 | 38-40 | >40 | Total |
| Total number of cycles | 121,536 | 75,922 | 65,869 | 67,446 | 330,773 |
| Percentage of intended egg retrieval cycles without any eggs retrieved ^d | 4.9% | 7.2% | 10.4% | 15.1% | 8.7% |
| Percentage of cycles discontinued after retrieval and before transfer or bankinge | 10.1% | 10.2% | 13.1% | 19.2% | 12.5% |
| Percentage of cycles for fertility preservation | 6.7% | 9.3% | 7.5% | 4.0% | 6.9% |
| Percentage of transfers using a gestational carrier | 3.2% | 4.6% | 5.4% | 11.1% | 5.4% |
| Percentage of transfers using frozen embryos | 78.1% | 81.3% | 79.4% | 76.6% | 78.8% |
| Percentage of transfers of at least one embryo with ICSI | 79.3% | 78.3% | 76.8% | 68.3% | 76.6% |
| Percentage of transfers of at least one embryo with PGT | 38.6% | 48.2% | 50.8% | 42.3% | 43.8% |

Current Services & Profile (percentage of clinics)

| | 3 | | |
|--------------------------|------|----------------|-----|
| Donor eggs? | 90% | Verified lab | |
| Donated embryos? | 65% | accreditation? | |
| Embryo cryopreservation? | 100% | Yes | 93% |
| Egg cryopreservation? | 98% | No | 60/ |
| Gestational carriers? | 90% | | 070 |
| SART member? | 81% | Pending | 1% |

Reason for Using ART^{a,f}

| Male factor | 27% | Diminished ovarian reserve | 29% |
|-----------------------|-----|----------------------------|-----|
| Endometriosis | 7% | Egg or embryo banking | 37% |
| Tubal factor | 10% | Recurrent pregnancy loss | 6% |
| Ovulatory dysfunction | 14% | Other, infertility | 27% |
| Uterine factor | 6% | Other, non-infertility | 5% |
| PGT | 15% | Unexplained | 11% |
| Gestational carrier | 2% | | |

ART = Assisted Reproductive Technology; ICSI = intracytoplasmic sperm injection; PGT = preimplantation genetic testing (diagnosis or screening)

^a Numbers and percentages exclude 10 cycle(s) that were evaluating new procedures.

^b A live-birth delivery is defined as the delivery of one or more infants with any sign of life. Multiple-birth deliveries (e.g. twins) with at least one live born infant are counted as one live birth. Success rates for cycles using a patient's own eggs are calculated by using all cycles started in 2018 with the intent to retrieve a patient's eggs and all transfers of these eggs, or embryos created from these eggs, started within 12 months of the start of the retrieval cycle. Success rates for cycles using a donor's eggs or donated embryos are calculated by using all transfers started in 2019.

 Patients of all ages are combined because previous data show that a patient's age does not substantially affect success when using a donor's eggs or donated embryos.

^d Includes cycles in which no eggs were retrieved among all cycles in which egg retrieval was expected.

e Includes cycles in which no eggs or embryos were transferred or frozen, among all cycles in which eggs were retrieved and all frozen cycles.

^f Reasons may add to more than 100% because more than one diagnosis can be reported for each ART cycle.

National Summary Figures

Accessible explanations of all figures are available in Appendix D.

Figure 1 shows the distribution of the 330,773 ART cycles started in 2019 in the United States, by patient age group. The largest percentage of ART cycles performed was among patients younger than age 35. This age group represented 36.7% of all cycles, compared to 23.0% among those aged 35–37, 19.9% among those aged 38–40, 9.5% among those aged 41–42, and 10.9% among those older than age 42. The average age of patients using ART services in 2019 was 36.1 years. Research cycles are excluded.

Figure 1



ART Use by Age Group—United States, 2019

Figure 2 shows the outcomes of the 95,030 clinical pregnancies from ART cycles started in 2019 that used fresh or frozen eggs or embryos among patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

A clinical pregnancy is a pregnancy that is confirmed by ultrasound. About 82% of clinical pregnancies from ART cycles started in 2019 resulted in a live-birth delivery. Of these pregnancies, 75.9% resulted in the birth of a single infant, while 6.1% resulted in the birth of multiple infants. Clinical pregnancies that did not result in a live-birth delivery included miscarriage (15.8%) and stillbirth (0.5%). For 1.6% of pregnancies, the outcome was reported as other or unknown.

Both miscarriage and stillbirth describe pregnancy loss, but they are categorized according to when the loss occurs. Miscarriage (also called spontaneous abortion) is a pregnancy ending in the spontaneous loss of the embryo or fetus before 20 weeks of gestation. Stillbirth, or fetal death, is pregnancy loss at 20 weeks or more of gestation.

Figure 2



Outcomes of Clinical Pregnancies Resulting From ART–United States, 2019

Figure 3 shows the percentage of embryo transfers started in 2019 that resulted in live-birth delivery of one or more live infants, by patient age and embryo source. It includes fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded. These percentages are noncumulative and are based only on embryo transfers performed in 2019.

The percentage of embryo transfers that used patient eggs or embryos and resulted in live-birth delivery generally decreased as the age of the woman increased (range: 8.7%–43.2%) because the likelihood of a fertilized egg implanting is related to the age of the woman who produced the egg. In contrast, 42.8% (range: 39.2%–49.3%) of embryo transfers using donor eggs or embryos resulted in live-birth delivery for women of all ages because egg donors are typically in their 20s or early 30s and do not have infertility.

Figure 3

Percentage of Embryo Transfers That Resulted in Live-Birth Delivery, by Patient Age and Egg or Embryo Source–United States, 2019



Figure 4 shows the distribution of reported reasons for ART cycles started in 2019. Because more than one reason can be reported per cycle, the total percentage adds to more than 100%. The cycles in this figure include those using fresh or frozen eggs or embryos from patients using their own eggs or embryos or using donor eggs or embryos. Banking cycles are included, but research cycles are excluded.

The most commonly reported reasons were egg or embryo banking (36.8%), diminished ovarian reserve (28.6%), and male factor infertility (27.5%).

Figure 4

Percentage of ART Cycles by Reason for Using ART-United States, 2019


Figure 5 shows the percentage of infants born from ART procedures started in 2019 who were born preterm or with low birth weight. It includes ART cycles using fresh or frozen embryos among patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

Preterm infants are born before 37 full weeks of pregnancy. Low birth weight infants are born weighing less than 2,500 grams (about 5 pounds, 8 ounces). Infants born preterm or with low birth weight are at higher risk of death in the first year of life. They also have a higher risk of other poor health outcomes, including visual and hearing problems, intellectual and learning disabilities, and behavioral and emotional problems throughout life.

This figure presents percentages for deliveries that resulted in a single live-born infant separately for single-fetus and multiple-fetus pregnancies. Multiple-fetus pregnancies were more likely to result in infants being born preterm or with low birth weight. For example, 11.8% of single infants from single-fetus pregnancies were preterm, compared to 23.7% of single infants from multiple-fetus pregnancies. Percentages of preterm and low birth weight infants increased as plurality (the number of infants born in one delivery) increased. Among triplets, 95.0% were preterm and 97.2% had low birth weight.

Figure 5

Percentage of Infants Conceived With ART Who Were Preterm or With Low Birth Weight, by Plurality—United States, 2019



Figure 6 shows the number of ART cycles, embryo transfers, and banking cycles performed and the number of live-birth deliveries that resulted from ART cycles started from 2010 through 2019. It includes fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research cycles are excluded.

Over the last decade, the number of ART cycles started has doubled, from 154,427 cycles in 2010 to 330,773 in 2019. Banking cycles also increased, from 7,163 in 2010 to 121,086 in 2019. The number of embryo transfers in 2019 (171,206) was about 1.4 times higher than in 2010 (125,399). The number of live-birth deliveries in 2019 (77,998) was about 1.7 times higher than in 2010 (47,104).

Figure 6

Number of ART Cycles, Embryo Transfer Cycles, and Banking Cycles That Were Performed and Resulted in Live-Birth Deliveries—United States, 2010–2019



Figure 7 shows the number of ART cycles started by egg or embryo source and type, from 2010 through 2019. It includes cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

The number of cycles performed using donor eggs or embryos (fresh or frozen) increased from 18,011 in 2010 to 27,131 in 2019. The number of cycles performed using embryos from frozen patient eggs or embryos increased from 28,425 in 2010 to 126,187 in 2019. The number of cycles performed using embryos from fresh patient eggs decreased from 100,824 in 2010 to 56,369 in 2019.

Embryos from fresh patient eggs are fresh patient embryos that were transferred without being frozen from fresh eggs. Embryos from fresh donor eggs are fresh donor embryos that were transferred without being frozen from fresh donor eggs.

Embryos from frozen patient eggs or embryos are patient eggs or embryos that were frozen at some point after retrieval of the egg. They include fresh embryos from frozen eggs or frozen embryos. Embryos from frozen donor eggs or embryos are donor eggs or embryos that were frozen at some point after retrieval of the egg. They include fresh embryos from frozen donor eggs, frozen embryos, or embryos or from donated embryos.

Figure 7



Number of ART Cycles, by Egg or Embryo Source—United States, 2010–2019

Figure 8 shows the number and percentage of embryo transfers that used a gestational carrier from 2010 through 2019. It includes cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

A gestational carrier (also called a gestational surrogate) is a woman who agrees to carry a developing embryo created from another woman's egg. Over the last decade, the number of embryo transfers for ART cycles that used gestational carriers increased, from 2,649 in 2010 to 9,195 in 2019. The percentage of transfers using a gestational carrier among all ART cycles also increased, from 2.1% of all ART cycles in 2010 to 5.4% in 2019.

Figure 8

Number and Percentage of Embryo Transfers That Used a Gestational Carrier—United States, 2010–2019



Figure 9 shows the percentage of embryo transfers in which a single embryo was transferred, from 2010 through 2019. It includes cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

The percentage of single embryo transfer (SET) procedures is the percentage of all embryo transfers in which only one embryo is transferred to the uterus, regardless of the number of embryos available. The use of SET is a strategy to avoid a multiple-fetus pregnancy and reduce the risk of poor health outcomes, such as prematurity and low birth weight, among infants.

Over the last decade, the percentage of SET among all patients increased dramatically, from 18.2% in 2010 to 77.3% in 2019, and this trend was identified among all age groups.

Figure 9

Percentage of Embryo Transfers in Which a Single Embryo Was Transferred—United States, 2010–2019



Figure 10 shows the percentage of ART cycles that resulted in live-birth deliveries by patient age group, from 2010 through 2019. It includes ART cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded. These percentages are noncumulative and are only based on ART cycles performed in 2019.

Over the last decade, the percentage of live-birth deliveries from ART cycles increased among all age groups, from 32.0% in 2010 to 37.2% in 2019. Younger patients had a higher percentage of ART cycles that resulted in live-birth deliveries than older patients. However, it is important to note that a larger proportion of older patients use donor eggs or embryos.

Figure 10

Percentage of ART Cycles That Resulted in Live-Birth Deliveries, by Patient Age Group—United States, 2010–2019



Figure 11 shows the number of infants born from 2010 through 2019 who were conceived using ART. It includes cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

The number of infants born who were conceived using ART increased from 61,556 in 2010 to 83,946 in 2019. Because more than one infant can be born during a live-birth delivery (for example, twins), the total number of infants born is higher than the number of live-birth deliveries. From 2010 to 2019, the number of ART cycles performed and the percentage of ART cycles that resulted in live-birth delivery increased.

Figure 11

Number of Infants Born Who Were Conceived through ART-United States, 2010-2019



Figure 12 shows the percentage of embryo transfers that resulted in the live-birth delivery of singletons, twins, or triplets or more from 2010 through 2019. It includes cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

Over the last decade, the percentage of embryo transfers that resulted in singleton births increased from 22.6% in 2010 to 34.4% in 2019, while the percentage that resulted in multiple births decreased. The percentage of twins decreased from 9.0% in 2010 to 2.7% in 2019, while the percentage of triplets or more decreased from 0.4% in 2010 to 0.06% in 2019.

The increased use of single embryo transfer (SET) in recent years has likely contributed to this trend. SET is used to avoid multiple-fetus pregnancies and reduce the risk of poor health outcomes, such as prematurity and low birth weight, among infants.

Figure 12

Percentage of Embryo Transfers That Resulted in the Live-Birth Delivery of Singletons, Twins, or Triplets or More—United States, 2010–2019



Figure 13 shows the percentage of infants who were conceived using ART cycles that resulted in the live-birth of singletons, twins, or triplets or more, from 2010 through 2019. It includes cycles using fresh or frozen embryos from patients using their own eggs or embryos or using donor eggs or embryos. Research and banking cycles are excluded.

Over the last decade, the percentage of ART-conceived live-birth deliveries that resulted in singletons increased from 70.6% in 2010 to 92.5% in 2019. The percentage that resulted in twins decreased from 28.1% to 7.3%, while the percentage that resulted in triplets or more decreased from 1.3% to 0.2%.

Infants born from multiple gestations, including twins, are at higher risk of poor outcomes—including preterm birth, low birth weight, neurological impairments, or death—than infants born as singletons.

Figure 13

Percentage of ART-Conceived Live-Birth Deliveries That Resulted in Singletons, Twins, or Triplets or More—United States, 2010–2019



2019

Appendix A: Data Validation



Appendix A: Data Validation

Data Validation

Meetings with assisted reproductive technology (ART) clinics for validation of ART data were conducted during June through August 2021. For data validation, 33 of the 448 reporting clinics were randomly selected after taking into consideration the number of ART cycles performed at each clinic, some cycle and clinic characteristics, and whether the clinic had been selected before. During each validation meeting, ART data reported by the clinic to CDC were compared with information documented in medical records.

For each clinic, the fully validated sample included up to 40 cycles resulting in pregnancy and up to 20 cycles not resulting in pregnancy. Up to 10 cycles using donor eggs or embryos were included among the fully validated sample at each clinic. In total, 1,945 ART cycles across the 33 clinics were randomly selected for full validation, along with 262 fertility preservation banking cycles selected for partial validation.

In addition, among patients whose cycles were fully validated, the number of ART cycles performed during the year was verified. For each of these patients, the total number of cycles reported was compared with the total number of cycles in the medical record. If unreported ART cycles were identified in selected medical records, up to 10 of these cycles were also selected for partial validation.

Discrepancy rates are presented on pages 44 and 45 for the validated items of interest. Overall, validation of 2019 ART cycle data indicated that most discrepancy rates were low (less than 5%).

How to Interpret Confidence Intervals for Discrepancy Rates

What is a confidence interval?

Simply speaking, confidence intervals are a useful way to consider margin of error, a statistic often used in voter polls to indicate the range within which a value is likely to be correct (for example, 30% of the voters favor a particular candidate with a margin of error of plus or minus 3.5%).

Why do we need to consider confidence intervals if we already know the exact discrepancy rates for each clinic?

No discrepancy rate or statistic is absolute. Suppose that during validation, a sample of 100 cycles was reviewed, and a discrepancy rate of 15% was determined for a particular data item with a 95% confidence interval of 10%–20%. The 15% discrepancy rate tells us that we estimate the average chance that a discrepancy occurred for the selected data field among all reported cycles to be 15% based on the results of our sample of 100 cycles. However, that estimated discrepancy rate may not match the true discrepancy rate that we would calculate if we were to validate every single cycle during a reporting year. The 95% confidence interval tells us that we are 95% confident that the true discrepancy rate is between 10% and 20%. In other words, if we were to repeat the process of selecting a sample of 100 cycles many times, calculating the discrepancy rate and 95% confidence interval for each sample, we would expect 95% of the calculated confidence intervals to capture the true discrepancy rate.

Discrepancy Rates by Data Fields Selected for Validation

| Data Field Name | Discrepancy Rate* (Confidence Interval ⁺) | Comments |
|--|--|--|
| Patient date of birth | 0.7% (0.3, 1.7) | |
| Cycle intention | 0.9% (0.4, 2.4) | |
| Cycle start date | 0.5% (0.1, 2.3) | |
| Date of egg retrieval | 0.6% (0.2, 1.7) | |
| Number of eggs or embryos transferred | 0.2% (0.04, 0.62) | |
| Outcome of ART treatment (i.e., pregnant or not pregnant) | 1.5% (0.4, 4.9) | For about 50% of discrepancies, clinical intrauterine gestation was misreported when there was no information in the medical record to confirm it. For 23% of discrepancies, absence of pregnancy was misreported when confirmation of clinical intrauterine gestation was found in the medical record. |
| Pregnancy outcome (for example, miscarriage, live-birth delivery, or stillbirth) | 1.6% (0.5, 4.6) | For 50% of discrepancies, pregnancy outcome was misreported as live birth when there was no information on pregnancy outcome in the medical record to confirm the birth. |
| Date of pregnancy outcome | 2.5% (1.2, 5.1) | For 54% of discrepancies, pregnancy outcome data were not found in the medical record. When the medical record included the date of pregnancy outcome, 32% of discrepancies were within 7 days of the reported date. |
| Number of infants born | 0.2% (0.1, 0.6) | |

An accessible version of this table is available online at www.cdc.gov/art/reports/2019/appendixes.html.

| Data Field Name | Discrepancy Rate* (Confidence Interval [†]) | Comments |
|----------------------------------|--|--|
| Patient Diagnosis—Reason for ART | | |
| Tubal factor | 4.7% (1.5, 14.2) | For 50% of discrepancies, tubal factor was found in medical records but was not reported by the clinic. For the other 50% of discrepancies, tubal factor diagnosis was reported, but was not confirmed by the medical record. |
| Ovulatory dysfunction | 5.7% (2.6, 12.2) | Ovulatory dysfunction was underreported. For 83% of discrepancies, ovulatory dysfunction was found in medical records, but was not reported by the clinic. |
| Diminished ovarian reserve | 1.7% (0.8, 3.5) | Diminished ovarian reserve was underreported. For 78% of discrepancies, diminished ovarian reserve was found in medical records, but was not reported by the clinic. |
| Endometriosis | 0.7% (0.2, 2.3) | |
| Uterine factor | 1.9% (0.7, 4.9) | Uterine factor was slightly underreported. For 63% of discrepancies, uterine factor was found in medical records, but was not reported by the clinic. |
| Male factor | 3.3% (2.2, 5.0) | Male factor was underreported. For 74% of discrepancies, male factor was found in medical records, but was not reported by the clinic. |
| Other factor | 9.1% (6.1, 13.2) | Other factor was underreported. For 76% of discrepancies, other factor was found in medical records, but was not reported by the clinic. |
| Unknown factor | 6.1% (2.2, 16.1) | Unknown factor was overreported. For 90% of discrepancies, unknown factor diagnosis was not confirmed in medical records. |

Discrepancy Rates by Data Fields Selected for Validation (continued)

* Discrepancy rates estimate the proportion of all assisted reproductive technology (ART) cycles with differences for a particular data item. The discrepancy rate calculations weight the data from validated cycles to reflect the overall number of cycles performed at each clinic. Thus, findings from larger clinical practices were weighted more heavily than those from smaller practices.

⁺ This table shows a range, called the 95% confidence interval, that conveys the reliability of the discrepancy rate. For a general explanation of confidence intervals, see page 43.

2019

Appendix B: Glossary of Terms



Appendix B: Glossary of Terms

American Society for Reproductive

Medicine (ASRM). Professional society whose affiliate organization, the Society for Assisted Reproductive Technology (SART), is composed of clinics and programs that provide ART.

ART (assisted reproductive technology). All treatments or procedures that include the handling of human eggs or embryos to help a woman become pregnant. ART includes but is not limited to in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT), zygote intrafallopian transfer (ZIFT), tubal embryo transfer, egg and embryo cryopreservation, egg and embryo donation, and gestational surrogacy.

ART cycle. An ART cycle starts when a woman begins taking fertility drugs or having her ovaries monitored for follicle production. If eggs are produced, the cycle progresses to egg retrieval. Retrieved eggs are combined with sperm to create embryos. If fertilization is successful, at least one embryo is selected for transfer. If implantation occurs, the cycle may progress to clinical pregnancy and possibly live-birth delivery. ART cycles include any process in which (1) an ART procedure is performed, (2) a woman has undergone ovarian stimulation or monitoring with the intent of having an ART procedure, or (3) frozen embryos have been thawed with the intent of transferring them to a woman.

Canceled cycle. An ART cycle in which ovarian stimulation was performed but the cycle was stopped before eggs were retrieved or before embryos were transferred. Cycles are canceled for many reasons: eggs may not develop, the patient may become ill, or the patient may choose to stop treatment.

Cryopreservation. The practice of freezing eggs or embryos from a patient's ART cycle for potential future use.

Diminished ovarian reserve. This diagnosis means that the ability of the ovary to produce eggs is reduced. Reasons include congenital, medical, or surgical causes.

Donor egg cycle. An ART cycle in which an embryo is formed from the egg of one woman (the donor) and then transferred to another woman (the recipient). Sperm from either the recipient's partner or a donor may be used.

Donor embryo cycle. An ART cycle in which an embryo that is donated by a patient or couple who previously underwent ART treatment and had extra embryos available is transferred to another woman (the recipient).

Ectopic pregnancy. A pregnancy in which the fertilized egg implants in a location outside of the uterus—usually in the fallopian tube, the ovary, or the abdominal cavity. Ectopic pregnancy is a dangerous condition that must receive prompt medical treatment.

Egg. A female reproductive cell, also called an oocyte or ovum.

Egg/Embryo banking cycle. An ART cycle started with the intention of freezing (cryopreserving) all resulting eggs or embryos for potential future use.

Egg retrieval (also called oocyte retrieval). A procedure to collect the eggs contained in the ovarian follicles.

Egg transfer (also called oocyte transfer). The transfer of retrieved eggs into a woman's fallopian tubes through laparoscopy. This procedure is used only in GIFT.

Embryo. An egg that has been fertilized by a sperm and has then undergone one or more cell divisions.

Embryo transfer. Placement of embryos into a woman's uterus through the cervix after IVF. In zygote intrafallopian transfer, zygotes are placed in a woman's fallopian tube.

Endometriosis. A medical condition that involves the presence of tissue similar to the uterine lining in locations outside the uterus, such as the ovaries, fallopian tubes, or abdominal cavity.

Fertility Clinic Success Rate and Certification Act of 1992 (FCSRCA). Law passed by the United States Congress in 1992 requiring all clinics performing ART in the United States to annually report their success rate data to the Centers for Disease Control and Prevention.

Fertility preservation cycle. An ART cycle started with the intent of freezing and banking all eggs or embryos for at least 12 months for future use.

Fertilization. The penetration of the egg by the sperm and the resulting combining of genetic material that develops into an embryo.

Fetus. The unborn offspring from the eighth week after conception to the moment of birth.

Follicle. A structure in the ovaries that contains a developing egg.

Fresh eggs, sperm, or embryos. Eggs, sperm, or embryos that have not been frozen.

Fresh embryo cycle. An ART cycle in which fresh (never frozen) embryos are transferred to the woman. The fresh embryos are conceived with fresh or frozen eggs and fresh or frozen sperm.

Frozen egg cycle. An ART cycle in which frozen (cryopreserved) eggs are thawed and fertilized, and then the resulting fresh embryo is transferred to the woman. Frozen and thawed eggs may be fertilized with either fresh or frozen sperm.

Frozen embryo cycle. An ART cycle in which frozen (cryopreserved) embryos are thawed and transferred to the woman. Frozen embryos may have been conceived using fresh or frozen eggs and fresh or frozen sperm. **Gamete.** A reproductive cell, either a sperm or an egg.

Gestational age. The deviation of time from estimated last menstrual period (LMP) to birth. LMP is estimated using the date of retrieval or transfer.

Gestational carrier (also called a gestational surrogate). A woman who gestates, or carries, an embryo that was formed from the egg of another woman with the expectation of returning the infant to its intended parents.

Gestational sac. A fluid-filled structure that develops within the uterus early in pregnancy. In a normal pregnancy, a gestational sac contains a developing fetus.

GIFT (gamete intrafallopian transfer). An ART procedure that involves removing eggs from the woman's ovary and using a laparoscope to place the unfertilized eggs and sperm into the woman's fallopian tube through small incisions in her abdomen.

ICSI (intracytoplasmic sperm injection). A procedure in which a single sperm is injected directly into an egg; this procedure is commonly used to overcome male infertility problems.

Implantation rate. A measurement of ART success when the ART cycle results in an intrauterine clinical pregnancy, defined as the larger of either the number of maximum fetal hearts by ultrasound or maximum infants born, including live-birth deliveries and stillbirths, out of the total number of embryos transferred.

Infertility. In general, infertility refers to the inability to conceive after 12 months of unprotected intercourse. Women aged 35 or older unable to conceive after 6 months of unprotected intercourse generally are considered infertile for the purpose of initiating medical treatment.

IUI (intrauterine insemination). A medical procedure that involves placing sperm into a woman's uterus to facilitate fertilization. IUI is not considered an ART procedure because it does not involve the manipulation of eggs.

IVF (in vitro fertilization). An ART procedure that involves removing eggs from a woman's ovaries and fertilizing them outside her body. The resulting embryos are then transferred into a woman's uterus through the cervix.

Live-birth delivery. The delivery of one or more infants with at least one alive.

Male factor infertility. Any cause of infertility due to low sperm count or problems with sperm function that makes it difficult for a sperm to fertilize an egg under normal conditions.

Miscarriage (also called spontaneous abortion). A pregnancy ending in the spontaneous loss of the embryo or fetus before 20 weeks of gestation.

Multiple-fetus pregnancy. A pregnancy with two or more fetuses, determined by the number of fetal hearts observed on an ultrasound.

Multiple live-birth delivery. The delivery of more than one infant with at least one born live.

NASS (National ART Surveillance System). Web-based data collection system used by all ART clinics to report data for each ART procedure to CDC.

Oocyte. The female reproductive cell, also called an egg.

Other reason, infertility. Reason for using ART including immunological problems, chromosomal abnormalities, cancer chemotherapy, and serious illnesses.

Other reason, non-infertility. Reason for using ART not related to infertility and not unexplained or unknown.

Ovarian hyperstimulation syndrome. A possible complication of ovarian stimulation or ovulation induction that can cause enlarged ovaries, a distended abdomen, nausea, vomiting or diarrhea, fluid in the abdominal cavity or chest, breathing difficulties, changes in blood volume or viscosity, and diminished kidney perfusion and function.

Ovarian monitoring. The use of ultrasound or blood or urine tests to monitor follicle development and hormone production.

Ovarian stimulation. The use of drugs (oral or injected) to stimulate the ovaries to develop follicles and eggs.

Ovulatory dysfunction. A diagnostic category used when a woman's ovaries are not producing eggs normally. It is usually characterized by irregular menstrual cycles reflective of ovaries that are not producing one mature egg each month. It includes polycystic ovary syndrome and multiple ovarian cysts.

Patient (nondonor) cycle. An ART cycle in which an embryo is formed from the egg of the patient and either partner or donor sperm and then transferred back to the patient.

PGT (preimplantation genetic testing).

Diagnostic or screening techniques performed on embryos prior to transfer for detecting specific genetic conditions to reduce the risk of passing inherited diseases to children or screening for an abnormal number of chromosomes, which is of special value for patients with advanced age, recurrent miscarriages, or prior failed IVF.

Pregnancy (clinical). A pregnancy documented by ultrasound that shows a gestational sac in the uterus. For ART data reporting purposes, pregnancy is defined as a clinical pregnancy rather than a chemical pregnancy (positive pregnancy test).

SET (single embryo transfer). Single embryo transfer is a procedure in which one embryo, regardless of how many embryos are available, is placed in the uterus or fallopian tube. The embryo selected for SET might be a frozen (cryopreserved) embryo from a previous IVF cycle or a fresh embryo yielded during the current fresh IVF cycle.

Singleton live-birth delivery. The delivery of a single infant born alive.

Society for Assisted Reproductive Technology

(SART). An affiliate of ASRM composed of clinics and programs that provide ART.

Sperm. The male reproductive cell.

Spontaneous abortion. See Miscarriage.

Stillbirth. The birth of an infant that shows no sign of life after 20 or more weeks of gestation.

Stimulated cycle. An ART cycle in which a woman receives oral or injected fertility drugs to stimulate her ovaries to develop follicles that contain mature eggs.

Thawed embryo cycle. Same as frozen embryo cycle.

Tubal factor infertility. A diagnostic category used when the woman's fallopian tubes are blocked or damaged, making it difficult for the egg to be fertilized or for an embryo to travel to the uterus.

Ultrasound. A technique used in ART for visualizing the follicles in the ovaries, the gestational sac, or the fetus.

Unexplained infertility. A diagnostic category used when no cause of infertility is found in either the woman or the man.

Unstimulated cycle. An ART cycle in which the woman does not receive drugs to stimulate her ovaries to produce more follicles and eggs. Instead, follicles and eggs develop naturally.

Uterine factor infertility. A structural or functional disorder of the uterus that results in reduced fertility.

ZIFT (zygote intrafallopian transfer). An ART procedure in which eggs are collected from a woman's ovary and fertilized outside her body. A laparoscope is then used to place the resulting zygote into the woman's fallopian tube through a small incision in her abdomen.

Zygote. A fertilized egg before it begins to divide.

2019

Appendix C: ART Clinics



Appendix C: ART Clinics

2019 Reporting Clinics, by State

Clinics are listed alphabetically by their current name, city, and state location at the time of reporting 2019 data. If a clinic had a different name at the beginning of 2019, the clinic's former name on January 1, 2019, is listed in italics directly under the current name.

Clinic names preceded by the § symbol have reorganized since January 1, 2019. Reorganization is defined as a change in ownership or affiliation or a change in at least two of the three key staff positions (practice director, medical director, or laboratory director) because the staff in those positions are no longer employed at the clinic. Clinic names preceded by the † symbol have closed since January 1, 2019. Clinics or labs operating under a name different from their legal name have "Doing Business As" (dba) between their legal and current operating name. Contact the NASS Help Desk for further clinic information at 1-888-650-0822 or nass@westat.com.

The accrediting agencies referenced throughout this list are:

- College of American Pathologists (CAP), Reproductive Laboratory Accreditation Program
- The Joint Commission
- New York State Tissue Bank (NYSTB) Program

NOTE that CDC does not oversee any of these accreditation programs. Effective in 2021, the New York State Tissue Bank Program will no longer be providing accreditation for embryo laboratories.

ALABAMA

Alabama Fertility Specialists 3490 Independence Dr Birmingham AL 35209 Telephone: (205) 874-0000; Fax: (205) 874-7021 Lab Name: Alabama Fertility Specialists Laboratory Accreditation: CAP

ART Fertility Program of Alabama 2006 Brookwood Medical Center Dr, Suite 508 Birmingham AL 35209 Telephone: (205) 870-9784; Fax: (205) 870-0698 Lab Name: ART Fertility Program of Alabama IVF/ Andrology Laboratory Accreditation: CAP University of Alabama at Birmingham Reproductive Endocrinology and Infertility Women and Infants Center-OB/GYN 1700 6th Ave South, Suite 9103 Birmingham AL 35233 Telephone: (205) 934-1030; Fax: (205) 975-5732 Lab Name: University of Alabama at Birmingham Gamete Biology Laboratory Accreditation: CAP

Fertility Institute of North Alabama 808 Turner St S.W. Huntsville AL 35801 Telephone: (256) 217-9613; Fax: (256) 217-9618 Lab Name: Fertility Institute of North Alabama Laboratory Accreditation: CAP (Pend) Center for Reproductive Medicine 3 Mobile Infirmary Cir, Suite 401 Mobile AL 36607 Telephone: (251) 438-4200; Fax: (251) 438-4211 Lab Name: Center for Reproductive Medicine Laboratory-Alabama Accreditation: CAP

ARIZONA

New Direction Fertility Centers 1760 E. Pecos Rd, Suite 532 Gilbert AZ 85295 Telephone: (480) 351-8222; Fax: (480) 351-8221 Lab Name: New Direction Fertility Centers Laboratory Accreditation: CAP

Arizona Reproductive Medicine Specialists, LLC 1701 E. Thomas Rd, Bldg 1, Suite 101 Phoenix AZ 85016 Telephone: (602) 343-2767; Fax: (602) 343-2767 Lab Name: Arizona Reproductive Medicine Specialists Laboratory Accreditation: CAP

Gondra Center for Reproductive Care & Advanced Gynecology 20940 N. Tatum Blvd, Suite B210 Phoenix AZ 85050 Telephone: (480) 621-6331; Fax: (480) 621-6203 Lab Name: Gondra Center for IVF Laboratory Accreditation: None

Southwest Fertility Center 3125 N. 32nd St, Suite 200 Phoenix AZ 85018 Telephone: (602) 956-7481; Fax: (602) 956-7591 Lab Name: Southwest Fertility Center Laboratory Accreditation: CAP

Advanced Fertility Care, PLLC 9819 N. 95th St, Suite 105 Scottsdale AZ 85258 Telephone: (480) 874-2229; Fax: (480) 874-2229 Lab Name: Arizona Advanced Reproductive Laboratory Accreditation: CAP Arizona Associates for Reproductive Health 8573 E. Princess Dr, Suite 101 Scottsdale AZ 85255 Telephone: (480) 946-9900; Fax: (480) 946-9914 Lab Name: Arizona Associates for Reproductive Health ART Laboratories Accreditation: CAP

§Arizona Center for Fertility Studies
(ACFS)
8426 E. Shea Blvd
Scottsdale AZ 85260
Telephone: (480) 860-4792; Fax: (480) 860-6819
Lab Name: Arizona Center for Fertility Studies Laboratory
Accreditation: CAP

Bloom Reproductive Institute 8415 N. Pima Rd, Suite 290 Scottsdale AZ 85258 Telephone: (480) 434-6565; Fax: (480) 434-6572 Lab Name: Bloom Reproductive Institute Laboratory Accreditation: CAP

IVF Phoenix 9817 N. 95th St, Bldg I, Suite 107 Scottsdale AZ 85258 Telephone: (602) 765-2229; Fax: (602) 493-6641 Lab Name: IVF Phoenix Laboratory Accreditation: CAP

Fertility Treatment Center, PC 2155 E. Conference Dr, Suite 115 Tempe AZ 85284 Telephone: (480) 831-2445; Fax: (480) 897-1283 Lab Name: Fertility Treatment Center ART Laboratory Accreditation: CAP

Arizona Center for Reproductive Endocrinology and Infertility
5190 E. Farness Dr, Suite 114
Tucson AZ 85712
Telephone: (520) 326-0001; Fax: (520) 326-7451
Lab Name: Arizona Center for Reproductive Endocrinology and Infertility Laboratory
Accreditation: CAP §Arizona Reproductive Institute
1775 E. Skyline Dr, Suite 175
Tucson AZ 85718
Telephone: (520) 222-8400; Fax: (520) 219-2351
Lab Name: Arizona Reproductive Institute Laboratory
Accreditation: CAP

Reproductive Health Center 4518 E. Camp Lowell Dr Tucson AZ 85712 Telephone: (520) 733-0083; Fax: (520) 733-0771 Lab Name: Reproductive Health Center Laboratory Accreditation: The Joint Commission

ARKANSAS

Arkansas Fertility Center 9101 Kanis Rd, Suite 300 Little Rock AR 72205 Telephone: (501) 801-1200; Fax: (501) 801-1207 Lab Name: Arkansas Fertility and Gynecology Laboratory Accreditation: CAP

CALIFORNIA

LifeStart Fertility Center 29525 Canwood St, Suite 210 Agoura Hills CA 91301 Telephone: (818) 889-4532; Fax: (818) 889-4536 Lab Name: ART Reproductive Center Accreditation: CAP

Alta Bates In Vitro Fertilization Program 2999 Regent St, Suite 700 Berkeley CA 94705 Telephone: (510) 649-0440; Fax: (510) 649-8700 Lab Name: Pacific Fertility Center IVF Laboratory Accreditation: CAP Center for Reproductive Health & Gynecology (CRH&G) 99 N. La Cienega Blvd, Suite 109 Beverly Hills CA 90211 Telephone: (310) 360-7584; Fax: (310) 360-9827 Lab Name: Center for Reproductive Health & Gynecology Laboratory Accreditation: CAP

Southern California Reproductive Center 450 N. Roxbury Dr, Suite 500 Beverly Hills CA 90210 Telephone: (310) 277-2393; Fax: (310) 274-5112 Lab Name: ART Reproductive Center Accreditation: CAP

Fertility Care of Orange County 203 N. Brea Blvd, Suite 100 Brea CA 92821 Telephone: (714) 256-0777; Fax: (714) 256-0105 Lab Name: Ovation Fertility-Newport Beach Accreditation: CAP

Central California IVF Program Women's Specialty and Fertility Center 729 N. Medical Center Dr West, Suite 205 Clovis CA 93611 Telephone: (559) 299-7700; Fax: (559) 297-9679 Lab Name: Women's Specialty & Fertility Center Embryology Laboratory Accreditation: CAP

California Center for Reproductive Medicine 477 N. El Camino Real, Suite C310 Encinitas CA 92024 Telephone: (760) 274-2000; Fax: (760) 274-2006 Lab Name: California Center for Reproductive Sciences Laboratory Accreditation: CAP The Fertility Institutes-Los Angeles, New York, Guadalajara 16030 Ventura Blvd, Suite 404 Encino CA 91436 Telephone: (818) 728-4600; Fax: (818) 728-4616 Lab Name: The Fertility Institutes IVF Laboratory-Encino Accreditation: CAP Lab Name: The Fertility Institutes IVF Laboratory-New York Accreditation: NYSTB

Los Angeles Reproductive Center (LARC) 16055 Ventura Blvd, Suite 1127 Encino CA 91436 Telephone: (818) 946-8051; Fax: (818) 946-8052 Lab Name: Los Angeles IVF Laboratory Accreditation: CAP (Pend)

Western Fertility Institute 16260 Ventura Blvd, Suite 210 Encino CA 91436 Telephone: (818) 292-2242; Fax: (818) 292-8914 Lab Name: Western Fertility Institute Laboratory Accreditation: CAP

Zouves Fertility Center 1241 E. Hillsdale Blvd, Suite 100 Foster City CA 94404 Telephone: (650) 378-1000; Fax: (650) 577-1128 Lab Name: Zouves Fertility Center Laboratory Accreditation: CAP

West Coast Fertility Center 11160 Warner Ave, Suite 411 Fountain Valley CA 92708 Telephone: (714) 513-1399; Fax: (714) 513-1393 Lab Name: West Coast Fertility Center Laboratory Accreditation: None Kaiser Permanente Center for Reproductive Health-Fremont 39141 Civic Center Dr, Suite 350 Fremont CA 94538 Telephone: (510) 248-6900; Fax: (510) 248-6980 Lab Name: Kaiser Permanente Center for Reproductive Health Laboratory-Fremont Accreditation: CAP

CARE Fertility 1500 E. Chevy Chase Dr, Suite 450 Glendale CA 91206 Telephone: (818) 230-7778; Fax: (888) 873-4727 Lab Name: CARE Fertility Laboratory Accreditation: CAP

Kathleen Kornafel, MD, PhD 1560 E. Chevy Chase Dr, Suite 200 Glendale CA 91206 Telephone: (818) 242-9933; Fax: (818) 242-9937 Lab Name: ART Reproductive Center Accreditation: CAP Lab Name: CHA Fertility Center Laboratory Accreditation: CAP

Marin Fertility Center 1100 S. Eliseo Dr, Suite 107 Greenbrae CA 94904 Telephone: (415) 925-9404; Fax: (415) 484-7045 Lab Name: MFC Lab, Inc. Accreditation: CAP

Coastal Fertility Medical Center, Inc. 15500 Sand Canyon Ave, Suite 100 Irvine CA 92618 Telephone: (949) 726-0600; Fax: (949) 726-0601 Lab Name: Coastal Fertility Medical Center, Inc., Reproductive Specialty Laboratories Accreditation: CAP

Fertility Center of Southern California 4980 Barranca Pkwy, Suite 200 Irvine CA 92604 Telephone: (949) 955-0072; Fax: (949) 955-0077 Lab Name: Ovation Fertility-Newport Beach Accreditation: CAP Life IVF Center 3500 Barranca Pkwy, Suite 300 Irvine CA 92606 Telephone: (949) 788-1133; Fax: (949) 788-1136 Lab Name: Life IVF Center Embryology Laboratory Accreditation: CAP

Reproductive Fertility Center LinFertility Family Foundation 16300 Sand Canyon Ave, Suite 911 Irvine CA 92618 Telephone: (949) 453-8600; Fax: (949) 453-8601 Lab Name: Reproductive Fertility Center Embryology Laboratory Accreditation: CAP

Reproductive Partners Fertility Center-San Diego 9850 Genesee Ave, Suite 800 La Jolla CA 92037 Telephone: (858) 552-9177; Fax: (858) 552-9188 Lab Name: Reproductive Partners Fertility Center-San Diego Laboratory Accreditation: CAP

Loma Linda University Center for Fertility and IVF Department of Gynecology and Obstetrics 11370 Anderson St, Suite 3950 Loma Linda CA 92354 Telephone: (440) 212-3625; Fax: (909) 558-2450 Lab Name: Loma Linda University Health Care, Fertility Science Laboratory Accreditation: CAP

California Fertility Partners 11818 Wilshire Blvd, Suite 300 Los Angeles CA 90025 Telephone: (310) 828-4008; Fax: (310) 828-3310 Lab Name: California Fertility Partners Reproductive Technology Laboratories Accreditation: CAP Cedars Sinai Medical Center Center for Fertility and Reproductive Medicine 444 S. San Vicente Blvd, Suite 1002 Los Angeles CA 90048 Telephone: (310) 423-9964; Fax: (310) 423-9777 Lab Name: ART Reproductive Center Accreditation: CAP

†CHA Fertility Center
5455 Wilshire Blvd, Suite 1904
Los Angeles CA 90036
Telephone: (323) 525-3377; Fax: (323) 525-3376
Contact the NASS Help Desk for current clinic information.

CMD Fertility 10921 Wilshire Blvd, Suite 702 Los Angeles CA 90024 Telephone: (310) 873-1800; Fax: (310) 873-1803 Lab Name: Pacific Fertility Center-Los Angeles Laboratory Accreditation: CAP

§Pacific Fertility Center-Los Angeles
10921 Wilshire Blvd, Suite 700
Los Angeles CA 90024
Telephone: (310) 209-7700; Fax: (310) 209-7799
Lab Name: Pacific Fertility Center-Los Angeles Laboratory
Accreditation: CAP

Reproductive Medicine Associates of Southern California 11500 West Olympic Blvd, Suite 150 Los Angeles CA 90064 Telephone: (424) 293-8841; Fax: (424) 293-8138 Lab Name: Reproductive Medicine Associates of Southern California Laboratory Accreditation: CAP

UCLA Fertility Center Department of Obstetrics and Gynecology 200 Medical Plaza, Suite 220 Los Angeles CA 90095 Telephone: (310) 825-9500; Fax: (310) 825-2168 Lab Name: ART Reproductive Center Accreditation: CAP USC Fertility 1127 Wilshire Blvd, Suite 1400 Los Angeles CA 90017 Telephone: (213) 975-9990; Fax: (213) 975-9997 Lab Name: USC Fertility Laboratory Accreditation: CAP

CARE for the Bay Area 555 Knowles Dr, Suite 212 Los Gatos CA 95032 Telephone: (408) 628-0783; Fax: (888) 850-3405 Lab Name: CARE for the Bay Area Laboratory Accreditation: CAP

Innovative Fertility Center 3500 N. Sepulveda Blvd Manhattan Beach CA 90266 Telephone: (310) 648-2229; Fax: (310) 333-0666 Lab Name: HMR Life Center Laboratory Accreditation: None

CCRM San Francisco Bay Area Center for Reproductive Medicine, LLC (BACRM) 1060 Marsh Rd, 1st Floor Menlo Park CA 94025 Telephone: (650) 646-7500; Fax: (650) 646-7501 Lab Name: CCRM San Francisco Laboratory Accreditation: CAP

The Fertility and Gynecology Center Monterey Bay IVF 9833 Blue Larkspur Ln Monterey CA 93940 Telephone: (831) 649-4483; Fax: (831) 649-9010 Lab Name: The Fertility and Gynecology Center, Monterey Bay IVF Laboratory Accreditation: None

Nova In Vitro Fertilization 2500 Hospital Dr, Bldg 7 Mountain View CA 94040 Telephone: (650) 325-6682; Fax: (650) 968-6682 Lab Name: Nova IVF Laboratory Accreditation: CAP Newport Fertility Center 3501 Jamboree Rd, Suite 1100 Newport Beach CA 92660 Telephone: (949) 222-1290; Fax: (949) 222-1289 Lab Name: CCRM OC Fertility Laboratory Accreditation: CAP

OC Fertility 1401 Avocado Ave, Suite 403 Newport Beach CA 92660 Telephone: (949) 706-2229; Fax: (949) 706-8490 Lab Name: CCRM OC Fertility Laboratory Accreditation: CAP

Southern California Center for Reproductive Medicine 361 Hospital Rd, Suite 333 Newport Beach CA 92663 Telephone: (949) 642-8727; Fax: (949) 642-5413 Lab Name: Ovation Fertility-Newport Beach Accreditation: CAP

Lane Fertility Institute 101 Rowland Way, Suite 305 Novato CA 94945 Telephone: (415) 893-0391; Fax: (415) 892-4455 Lab Name: Lane Fertility Institute Laboratory Accreditation: None

American Reproductive Centers 1199 N. Indian Canyon Dr Palm Springs CA 92262 Telephone: (760) 346-4334; Fax: (760) 346-3663 Lab Name: American Reproductive Center Laboratory-Palm Springs Accreditation: CAP

Bay IVF Center 1681 El Camino Real Palo Alto CA 94306 Telephone: (650) 322-0500; Fax: (650) 322-5404 Lab Name: Bay IVF Center Laboratory Accreditation: The Joint Commission HRC Fertility-Pasadena 55 S. Lake Ave, 9th Floor Pasadena CA 91101 Telephone: (626) 440-9161; Fax: (626) 440-0138 Lab Name: HRC Fertility-Encino Laboratory Accreditation: CAP Lab Name: HRC Fertility-Pasadena Laboratory Accreditation: CAP

Lab Name: HRC Fertility-Orange County Laboratory Accreditation: CAP Unity Fertility Center, LLC 625 S. Fair Oaks Ave, Suite 330 Pasadena CA 91105 Telephone: (626) 588-1555; Fax: (626) 457-5690 Lab Name: Unity Fertility Center, LLC Laboratory Accreditation: CAP

Reproductive Partners-Beverly Hills, Redondo Beach & Westminster 510 N. Prospect Ave, Suite 202 Redondo Beach CA 90277 Telephone: (310) 318-3010; Fax: (310) 798-7304 Lab Name: Reproductive Partners Medical Group, Inc., Laboratory-Redondo Beach Accreditation: CAP

California IVF Fertility Center 2590 Venture Oaks Way, Suite 103 Sacramento CA 95833 Telephone: (916) 979-5599; Fax: (530) 771-0135 Lab Name: California IVF Fertility Center Laboratory Accreditation: None

§Kaiser Permanente Center for Reproductive Health-Sacramento
1650 Response Rd, Suite 1A
Sacramento CA 95815
Telephone: (916) 614-5089; Fax: (916) 614-5942
Lab Name: Kaiser Permanente Center for Reproductive Health Laboratory-Sacramento
Accreditation: CAP Northern California Fertility Medical Center 4320 Auburn Blvd Sacramento CA 95841 Telephone: (916) 773-2229; Fax: (916) 773-8391 Lab Name: Northern California Fertility Medical Center Laboratory Accreditation: CAP

Fertility Specialists Medical Group 8010 Frost St, Suite P San Diego CA 92123 Telephone: (858) 505-5500; Fax: (858) 505-5555 Lab Name: San Diego Center for Reproductive Surgery Laboratory Accreditation: CAP

Gen 5 Fertility Center 3420 Carmel Mountain Rd, Suite 200 San Diego CA 92121 Telephone: (858) 267-4365; Fax: (858) 225-3535 Lab Name: Gen 5 Fertility Laboratory Accreditation: CAP

Reproductive Sciences Medical Center 3661 Valley Centre Dr, Suite 100 San Diego CA 92130 Telephone: (858) 436-7186; Fax: (858) 436-7171 Lab Name: Reproductive Sciences Medical Center Laboratory Accreditation: CAP

San Diego Fertility Center 11425 El Camino Real San Diego CA 92130 Telephone: (858) 794-6363; Fax: (858) 794-6360 Lab Name: San Diego Fertility Center IVF & Andrology Laboratories Accreditation: CAP

Kindbody-San Francisco 88 Sutter St San Francisco CA 94104 Telephone: (628) 777-7064; Fax: (646) 905-0987 Lab Name: Laurel Fertility Care Laboratory Accreditation: CAP Laurel Fertility Care 1700 California St, Suite 570 San Francisco CA 94109 Telephone: (415) 673-9199; Fax: (415) 673-8796 Lab Name: Laurel Fertility Care Laboratory Accreditation: CAP

Pacific Fertility Center 55 Francisco St, Suite 500 San Francisco CA 94133 Telephone: (415) 834-3000; Fax: (415) 834-3099 Lab Name: Pacific Fertility Center IVF Laboratory Accreditation: CAP

Reproductive Medicine Associates of Northern California 150 Spear St, Suite 500 San Francisco CA 94105 Telephone: (415) 603-6999; Fax: (415) 644-0124 Lab Name: Reproductive Medicine Associates of Northern California Laboratory Accreditation: CAP

Spring Fertility 1 Daniel Burnham Ct, Suite 110C San Francisco CA 94109 Telephone: (415) 964-5618; Fax: (415) 964-5619 Lab Name: Spring Fertility Laboratory Accreditation: CAP

UCSF Center for Reproductive Health 499 Illinois St, 6th Floor San Francisco CA 94158 Telephone: (415) 353-3040; Fax: (415) 353-7744 Lab Name: UCSF Center for Reproductive Health Laboratory Accreditation: CAP, The Joint Commission

Palo Alto Medical Foundation 2581 Samaritan Dr, Suite 302 San Jose CA 95124 Telephone: (800) 597-2234; Fax: (408) 356-8954 Lab Name: PAMF for Healthcare Research & Education, IVF Laboratory Accreditation: CAP Alex Steinleitner, MD, Inc. 127 Casa St San Luis Obispo CA 93405 Telephone: (805) 543-2228; Fax: (805) 980-3444 Lab Name: Central Coast IVF Laboratory Accreditation: None

Reproductive Science Center of the San Francisco Bay Area 100 Park Pl, Suite 200 San Ramon CA 94583 Telephone: (925) 867-1800; Fax: (925) 820-2279 Lab Name: Reproductive Science Center of the San Francisco Bay Area Laboratory Accreditation: CAP

Santa Barbara Fertility Center 536 E. Arrellaga St, Suite 201 Santa Barbara CA 93103 Telephone: (805) 965-3400; Fax: (805) 965-1222 Lab Name: Santa Barbara Fertility Center Laboratory Accreditation: CAP

Kindbody-Los Angeles 1260 15th St, Suite 1402 Santa Monica CA 90404 Telephone: (855) 563-2639; Fax: (646) 741-8785 Lab Name: ART Reproductive Center Accreditation: CAP

Santa Monica Fertility 2825 Santa Monica Blvd, Suite 100 Santa Monica CA 90404 Telephone: (310) 566-1470; Fax: (310) 566-1485 Lab Name: Assisted Reproduction Laboratory Accreditation: CAP

Advanced Fertility Associates Medical Group, Inc. 1111 Sonoma Ave, Suite 214 Santa Rosa CA 95405 Telephone: (707) 575-5831; Fax: (707) 575-4379 Lab Name: Advanced Fertility Associates Medical Group, Inc., Laboratory Accreditation: CAP Valley Center for Reproductive Health, Inc. West Coast Women's Reproductive Center 4835 Van Nuys Blvd, Suite 200 Sherman Oaks CA 91403 Telephone: (818) 986-1648; Fax: (818) 986-1653 Lab Name: ART Reproductive Center Accreditation: CAP Lab Name: HRC Fertility-Encino Laboratory Accreditation: CAP

Stanford Medicine Fertility & Reproductive Health 1195 W. Fremont Ave Sunnyvale CA 94087 Telephone: (650) 498-7911; Fax: (669) 233-2884 Lab Name: Lucille Salter Packard Children's Hospital at Stanford Laboratory Accreditation: CAP, The Joint Commission

The Center for Fertility and Gynecology Vermesh Center for Fertility 18370 Burbank Blvd, Suite 301 Tarzana CA 91356 Telephone: (818) 881-9800; Fax: (818) 881-1857 Lab Name: A.R.T. Medical Group, Inc., Laboratory

Accreditation: CAP

Tree of Life Center for Fertility Kinderwunschzentrum Los Angeles 18370 Burbank Blvd, Suite 511 Tarzana CA 91356 Telephone: (818) 344-8522; Fax: (818) 344-8521 Lab Name: ART Reproductive Center Accreditation: CAP Lab Name: HRC Fertility-Encino Laboratory Accreditation: CAP

Fertility and Surgical Associates of California 325 Rolling Oaks Dr, Suite 110 Thousand Oaks CA 91361 Telephone: (805) 778-1122; Fax: (805) 778-1199 Lab Name: Tri-County Surgery Center, Inc., IVF Laboratory Accreditation: CAP Pacific Reproductive Center 3720 Lomita Blvd, Suite 200 Torrance CA 90505 Telephone: (310) 376-7000; Fax: (310) 373-0319 Lab Name: Pacific Reproductive Center IVF Laboratory Accreditation: CAP

University Fertility Center 23550 Hawthorne Blvd, Suite 210 Torrance CA 90505 Telephone: (310) 378-7445; Fax: (310) 378-7427 Lab Name: University Fertility Center Laboratory Accreditation: The Joint Commission

California Center for Reproductive Health Reproductive Fertility Center 9201 W. Sunset Blvd, Suite 500 West Hollywood CA 90069 Telephone: (818) 907-1571; Fax: (818) 907-1574 Lab Name: In Vitrotech Labs, Inc. Accreditation: CAP

COLORADO

CNY Fertility Colorado HQA Fertility Centers Magarelli Fertility 265 S. Parkside Dr, Suite 200 Colorado Springs CO 80910 Telephone: (719) 475-2229; Fax: (719) 475-2227 Lab Name: CNY Fertility Colorado Accreditation: CAP

Advanced Reproductive Medicine University of Colorado 3055 Roslyn St, Suite 230 Denver CO 80238 Telephone: (303) 724-8089; Fax: (303) 724-8149 Lab Name: Advanced Reproductive Medicine University of Colorado Hospital IVF Clinical Laboratory Accreditation: CAP Colorado Reproductive Endocrinology 4600 E. Hale Pkwy, Suite 350 Denver CO 80220 Telephone: (303) 321-7115; Fax: (303) 321-9519 Lab Name: Colorado Reproductive Endocrinology Laboratory Accreditation: CAP

Denver Fertility-Albrecht Women's Care 9780 Pyramid Ct, Suite 260 Englewood CO 80112 Telephone: (720) 420-1570; Fax: (866) 657-9471 Lab Name: Denver Fertility-Albrecht Women's Care Laboratory Accreditation: The Joint Commission

Rocky Mountain Fertility Center 12770 Lynnfield Dr Englewood CO 80112 Telephone: (303) 999-3877; Fax: (303) 999-3878 Lab Name: Rocky Mountain Fertility Center Laboratory Accreditation: CAP

Rocky Mountain Center for Reproductive Medicine 1080 E. Elizabeth St Fort Collins CO 80524 Telephone: (970) 493-6353; Fax: (970) 493-6366 Lab Name: Rocky Mountain Center for Reproductive Medicine IVF/ Embryology Laboratory Accreditation: CAP

Conceptions Reproductive Associates of Colorado 271 W. County Line Rd Littleton CO 80129 Telephone: (303) 794-0045; Fax: (303) 795-2054 Lab Name: Conceptions Reproductive Associates of Colorado Laboratory Accreditation: CAP Colorado Center for Reproductive Medicine 10290 RidgeGate Cir Lone Tree CO 80124 Telephone: (303) 788-8300; Fax: (303) 788-9936 Lab Name: Fertility Laboratories of Colorado Accreditation: CAP

CONNECTICUT

Center for Advanced Reproductive Services 2 Batterson Park Rd Farmington CT 06032 Telephone: (844) 467-3483; Fax: (860) 838-6481 Lab Name: Center for Advanced Reproductive Services Laboratory Accreditation: CAP

Greenwich Fertility and IVF Center, PC 55 Holly Hill Ln, Suite 270 Greenwich CT 06830 Telephone: (203) 863-2990; Fax: (203) 863-2980 Lab Name: Greenwich Fertility and IVF Center, PC Laboratory Accreditation: CAP, NYSTB

Reproductive Medicine Associates of Connecticut 761 Main Ave, Suite 200 Norwalk CT 06851 Telephone: (203) 750-7400; Fax: (203) 846-9579 Lab Name: Reproductive Medicine Associates of Connecticut Laboratory Accreditation: CAP (Pend)

Yale Fertility Center 200 W. Campus Dr, 2nd Floor Orange CT 06477 Telephone: (877) 925-3483; Fax: (203) 737-4950 Lab Name: Yale Fertility Center IVF Laboratory Accreditation: CAP

New England Fertility Institute 1275 Summer St, Suite 201 Stamford CT 06905 Telephone: (203) 325-3200; Fax: (203) 323-3100 Lab Name: New England Fertility Institute Laboratory Accreditation: CAP, NYSTB Park Avenue Fertility and Reproductive Medicine 5520 Park Ave, Suite WPG-250 Trumbull CT 06611 Telephone: (203) 372-6700; Fax: (203) 372-6076 Lab Name: Park Avenue Fertility and Reproductive Medicine Laboratory Accreditation: CAP

DELAWARE

Delaware Institute for Reproductive Medicine, PA Medical Arts Pavilion 1 4745 Ogletown-Stanton Rd, Suite 111 Newark DE 19713 Telephone: (302) 738-4600; Fax: (302) 738-3508 Lab Name: Delaware Institute for Reproductive Medicine, PA Laboratory Accreditation: CAP

RADfertility

Reproductive Associates of Delaware Medical Arts Pavilion 2 4735 Ogletown-Stanton Rd, Suite 3217 Newark DE 19713 Telephone: (302) 602-8822; Fax: (302) 602-8832 Lab Name: RADfertility Laboratory Accreditation: CAP, NYSTB

DISTRICT OF COLUMBIA

Columbia Fertility Associates 2440 M St N.W., Suite 401 Washington DC 20037 Telephone: (202) 293-6567; Fax: (202) 778-6190 Lab Name: Columbia Fertility Associates IVF Center Laboratory Accreditation: The Joint Commission

George Washington University Medical Faculty Associates Fertility and IVF Center 2150 Pennsylvania Ave N.W., Suite 6-300 Washington DC 20037 Telephone: (202) 741-2520; Fax: (202) 741-2519 Lab Name: Medical Faculty Associates, Inc., Laboratory Accreditation: CAP

FLORIDA

Boca Fertility 875 Meadows Rd, Suite 334 Boca Raton FL 33486 Telephone: (561) 368-5500; Fax: (561) 368-4793 Lab Name: Boca Fertility Laboratory Accreditation: CAP

Palm Beach Fertility Center 7015 Beracasa Way, Suite 201 Boca Raton FL 33433 Telephone: (561) 477-7728; Fax: (561) 477-7035 Lab Name: Palm Beach Fertility Center Laboratory Accreditation: The Joint Commission

Polcz Fertility Center 9868 S. State Rd 7, Suite 320 Boynton Beach FL 33472 Telephone: (561) 736-6006; Fax: (561) 736-5788 Lab Name: Polcz Fertility Laboratory Accreditation: The Joint Commission

Florida Fertility Institute 2454 N. McMullen Booth Rd, Suite 601 Clearwater FL 33759 Telephone: (727) 669-3414; Fax: (727) 726-6062 Lab Name: Florida Fertility Institute Laboratory Accreditation: The Joint Commission

Conceptions Florida: Center for Fertility and Genetics 4425 Ponce de Leon Blvd, Suite 110 Coral Gables FL 33146 Telephone: (305) 446-4673; Fax: (786) 360-2891 Lab Name: Conceptions Fertility Laboratories, LLC Accreditation: CAP Southwest Florida Fertility Center, PA 15730 New Hampshire Ct, Suite 101 Fort Myers FL 33908 Telephone: (239) 561-3430; Fax: (239) 561-6980 Lab Name: Southwest Florida Fertility Center, PA Laboratory Accreditation: The Joint Commission

Specialists in Reproductive Medicine & Surgery, PA Embryo Donation International, PL 12611 World Plaza Ln, Bldg 53 Fort Myers FL 33907 Telephone: (239) 275-8118; Fax: (239) 275-5914 Lab Name: Specialists in Reproductive Medicine & Surgery, PA Laboratory Accreditation: The Joint Commission

UF Health Reproductive Medicine at Springhill 4037 N.W. 86th Terrace, 1st Floor Gainesville FL 32606 Telephone: (352) 265-2229; Fax: (352) 594-1676 Lab Name: University of Florida IVF and Andrology Laboratory Accreditation: CAP

Assisted Fertility Program 3627 University Blvd South, Suite 450 Jacksonville FL 32216 Telephone: (904) 398-1473; Fax: (904) 399-4596 Lab Name: Assisted Fertility Program Laboratory Accreditation: CAP

Brown Fertility 14540 Old Saint Augustine Rd, Bldg 2, Suite 2497 Jacksonville FL 32258 Telephone: (904) 260-0352; Fax: (904) 519-8323 Lab Name: Brown Fertility Laboratory Accreditation: None

Florida Institute for Reproductive Medicine 836 Prudential Dr, Suite 902 Jacksonville FL 32207 Telephone: (904) 399-5620; Fax: (904) 399-5645 Lab Name: Florida Institute for Reproductive Medicine IVF Laboratory Accreditation: CAP Jacksonville Center for Reproductive Medicine 7051 Southpoint Pkwy, Suite 200 Jacksonville FL 32216 Telephone: (904) 493-2229; Fax: (904) 396-4546 Lab Name: Jacksonville Center for Reproductive Medicine Laboratory Accreditation: The Joint Commission

Reproductive Medicine Associates of Florida, LLC 400 Colonial Center Pkwy, Suite 150 Lake Mary FL 32746 Telephone: (407) 804-9670; Fax: (407) 804-9671 Lab Name: Reproductive Medicine Associates of Florida, LLC Laboratory Accreditation: CAP

IVF Florida Reproductive Associates
2960 N. State Rd 7, Suite 300
Margate FL 33063
Telephone: (954) 247-6235; Fax: (954) 247-6252
Lab Name: IVF Florida Reproductive Associates Laboratory
Accreditation: CAP

Viera Fertility Center 3160 Alzante Cir Melbourne FL 32940 Telephone: (321) 751-4673; Fax: (321) 751-4567 Lab Name: Viera Fertility Center Laboratory Accreditation: The Joint Commission

Fertility & IVF Center of Miami, Inc. 8950 N. Kendall Dr, Suite 103 Miami FL 33176 Telephone: (305) 596-4013; Fax: (305) 596-4557 Lab Name: Fertility & IVF Center of Miami Assisted Reproduction Laboratory Accreditation: CAP

University of Miami Infertility Center 1400 N.W. 12th Ave, Suite 5 Miami FL 33136 Telephone: (305) 243-1622; Fax: (305) 324-0363 Lab Name: University of Miami Infertility Center Laboratory Accreditation: CAP
New Leaders in Fertility & Endocrinology, LLC 4400 Bayou Blvd, Suite 36 Pensacola FL 32503 Telephone: (850) 857-3733; Fax: (850) 857-0670 Lab Name: New LIFE Laboratory Accreditation: CAP

†Fertility & Genetics
201 N. Pine Island Rd, 2nd Floor
Plantation FL 33324
Telephone: (954) 854-8708; Fax: (954) 587-9630
Contact the NASS Help Desk for current clinic information.

Fertility Center & Applied Genetics of Florida 5100 Station Way Sarasota FL 34233 Telephone: (941) 342-1568; Fax: (941) 342-8296 Lab Name: Fertility Center & Applied Genetics of Florida Laboratory Accreditation: None

IVFMD/South Florida Institute for Reproductive Medicine 7300 S.W. 62nd Pl, 4th Floor South Miami FL 33143 Telephone: (305) 662-7901; Fax: (305) 662-2938 Lab Name: IVFMD/South Florida Institute for Reproductive Medicine Laboratory-South Miami Accreditation: CAP Lab Name: IVFMD/South Florida Institute for Reproductive Medicine Laboratory-Hollywood Accreditation: CAP Lab Name: IVFMD/South Florida Institute for **Reproductive Medicine Laboratory-Naples** Accreditation: None Lab Name: IVFMD/South Florida Institute for **Reproductive Medicine Laboratory-Jupiter** Accreditation: None

The Reproductive Medicine Group 5245 E. Fletcher Ave, Suite 1 Tampa FL 33617 Telephone: (813) 676-8844; Fax: (813) 676-8815 Lab Name: RMG ART Laboratories, Inc. Accreditation: CAP

Shady Grove Fertility Tampa Bay 5016 W. Cypress St, Suite 302 Tampa FL 33607 Telephone: (813) 906-2285; Fax: (855) 867-6703 Lab Name: Shady Grove Fertility-Tampa Bay Laboratory Accreditation: The Joint Commission

F.I.R.S.T.

Florida Institute for Reproductive Sciences and Technologies
2300 N. Commerce Pkwy, Suite 319
Weston FL 33326
Telephone: (954) 217-3456; Fax: (954) 217-3470
Lab Name: F.I.R.S.T. IVF Laboratory
Accreditation: The Joint Commission

†Advanced Reproductive Specialists, LLC
2100 Aloma Ave, Suite 100
Winter Park FL 32792
Telephone: (407) 339-2229; Fax: (407) 339-2039
Contact the NASS Help Desk for current clinic information.

Center for Reproductive Medicine, PA 1500 S. Orlando Ave, Suite 200 Winter Park FL 32789 Telephone: (407) 740-0909; Fax: (407) 740-7262 Lab Name: Center for Reproductive Medicine IVF Laboratory Accreditation: CAP, NYSTB

Fertility CARE The IVF Center 5901 Brick Ct Winter Park FL 32792 Telephone: (407) 672-1106; Fax: (407) 678-2790 Lab Name: IVF Laboratory of Central Florida, LLC Accreditation: CAP

GEORGIA

Atlanta Center for Reproductive Medicine 5909 Peachtree Dunwoody Rd, Suite 600 Atlanta GA 30328 Telephone: (770) 928-2276; Fax: (770) 592-2092 Lab Name: CCRM Atlanta Laboratory Accreditation: CAP

Emory Reproductive Center 550 Peachtree St N.E., Suite 1800 Atlanta GA 30308 Telephone: (404) 778-3401; Fax: (404) 686-4956 Lab Name: Emory Reproductive Center Laboratory Accreditation: CAP, The Joint Commission

Reproductive Biology Associates 1100 Johnson Ferry Rd N.E., Suite 200 Atlanta GA 30342 Telephone: (404) 257-1900; Fax: (404) 256-9497 Lab Name: Reproductive Biology Associates Laboratory Accreditation: The Joint Commission

Shady Grove Fertility-Atlanta 5445 Meridian Mark Rd, Suite 270 Atlanta GA 30342 Telephone: (404) 843-2229; Fax: (404) 843-0812 Lab Name: Shady Grove Fertility-Atlanta Laboratory Accreditation: The Joint Commission

Reproductive Medicine and Infertility Associates 810 Chafee Ave Augusta GA 30904 Telephone: (706) 722-4434; Fax: (706) 722-9647 Lab Name: MCGH/PPG Reproductive Laboratories, LLC Accreditation: CAP

Servy Fertility Institute 812 Chafee Ave Augusta GA 30904 Telephone: (706) 724-0228; Fax: (706) 722-2387 Lab Name: MCGH/PPG Reproductive Laboratories, LLC Accreditation: CAP Columbus Center for Reproductive Endocrinology & Infertility, LLC 2323 Whittlesey Rd Columbus GA 31909 Telephone: (706) 653-6344; Fax: (706) 653-8933 Lab Name: Columbus Center for Reproductive Endocrinology & Infertility, LLC Laboratory Accreditation: CAP

The Georgia Center for Reproductive Medicine 5354 Reynolds St, Suite 510 Savannah GA 31405 Telephone: (912) 352-8588; Fax: (912) 352-8893 Lab Name: The Georgia Center for Reproductive Medicine Laboratory Accreditation: CAP

HAWAII

Advanced Reproductive Center of Hawaii 1319 Punahou St, Suite 510 Honolulu HI 96826 Telephone: (808) 949-6611; Fax: (808) 949-6610 Lab Name: Pacific IVF Institute Laboratory Accreditation: CAP, The Joint Commission

Fertility Institute of Hawaii 1401 S. Beretania St, Suite 250 Honolulu HI 96814 Telephone: (808) 545-2800; Fax: (808) 262-3744 Lab Name: Fertility Institute of Hawaii Laboratory Accreditation: CAP, NYSTB

IVF Hawaii 1329 Lusitana St, Suite 607 Honolulu HI 96813 Telephone: (808) 538-6655; Fax: (808) 537-5500 Lab Name: IVF Hawaii Laboratory Accreditation: CAP

Kaiser Permanente Hawaii Region, Reproductive Medicine Division
1010 Pensacola St
Honolulu HI 96814
Telephone: (808) 432-2540; Fax: (808) 432-2510
Lab Name: Fertility Institute of Hawaii Laboratory
Accreditation: CAP, NYSTB Pacific In Vitro Fertilization Institute Kapi'olani Medical Center 1319 Punahou St, Suite 980 Honolulu HI 96826 Telephone: (808) 946-2226; Fax: (808) 943-1563 Lab Name: Pacific IVF Institute Laboratory Accreditation: CAP, The Joint Commission

Tripler Army Medical Center IVF Institute Department of Obstetrics and Gynecology 1 Jarrett White Rd Tripler AMC HI 96859 Telephone: (808) 433-5925; Fax: (808) 433-1552 Lab Name: Fertility Institute of Hawaii Laboratory Accreditation: CAP, NYSTB

IDAHO

Idaho Center for Reproductive Medicine 1000 E. Park Blvd, Suite 110 Boise ID 83712 Telephone: (208) 342-5900; Fax: (208) 342-2088 Lab Name: Idaho Center for Reproductive Medicine Laboratory Accreditation: The Joint Commission

ILLINOIS

Center for Reproductive Care 1725 W. Harrison St, Suite 408E Chicago IL 60612 Telephone: (312) 942-3835; Fax: (312) 997-2354 Lab Name: Rush Center for Advanced Reproductive Care Accreditation: The Joint Commission

Fertility Centers of Illinois-River North IVF 900 N. Kingsbury St, River Walk 6 Chicago IL 60610 Telephone: (312) 222-8230; Fax: (847) 724-1649 Lab Name: Fertility Centers of Illinois-River North IVF Laboratory Accreditation: CAP Institute for Human Reproduction (IHR) 409 W. Huron St, Suite 500 Chicago IL 60654 Telephone: (312) 288-6420; Fax: (312) 288-6421 Lab Name: IVF-PGD Laboratory Accreditation: The Joint Commission

Northwestern Fertility and Reproductive Medicine 259 E. Erie St, Suite 2400 Chicago IL 60611 Telephone: (312) 695-1364; Fax: (312) 472-0226 Lab Name: Northwestern Medical Group IVF & Andrology Laboratories Accreditation: CAP

University of Chicago Medicine Center for Reproductive Medicine and Fertility 1101 S. Canal St, Suite 202A Chicago IL 60607 Telephone: (773) 702-6642; Fax: (773) 702-5848 Lab Name: Fertility Centers of Illinois-River North IVF Laboratory Accreditation: CAP

University of Illinois at Chicago IVF Program 1801 W. Taylor St, Suite 4A Chicago IL 60612 Telephone: (312) 355-2634; Fax: (312) 355-3161 Lab Name: University of Illinois at Chicago IVF Program Laboratory Accreditation: CAP

Vios Fertility Institute-Chicago 333 S. Desplaines St, Suite 201 Chicago IL 60661 Telephone: (773) 435-9036; Fax: (773) 572-9999 Lab Name: Vios Fertility Institute Laboratory-Chicago Accreditation: None

Center for Reproductive Health/Joliet IVF 2246 Weber Rd Crest Hill IL 60403 Telephone: (815) 725-4161; Fax: (815) 721-4341 Lab Name: Center for Reproductive Health, SC/ Joliet IVF, LLC Accreditation: CAP Midwest Fertility Center 4333 Main St Downers Grove IL 60515 Telephone: (630) 810-0212; Fax: (630) 810-1027 Lab Name: Illinois IVF, LLC Accreditation: CAP

Chicago Infertility Associates, LTD Brock Building 800 Biesterfield Rd, Suite 3005 Elk Grove Village IL 60007 Telephone: (847) 545-4733; Fax: (855) 710-6350 Lab Name: Vios Fertility Institute Laboratory-Chicago Accreditation: None

Davies Fertility & IVF Specialists, SC 2640 Patriot Blvd, Suite 260 Glenview IL 60026 Telephone: (847) 972-0300; Fax: (847) 972-0043 Lab Name: Davies Fertility & IVF Specialists, SC Laboratory Accreditation: CAP

Advanced Fertility Center of Chicago 30 Tower Ct, Suite F Gurnee IL 60031 Telephone: (847) 662-1818; Fax: (847) 662-3001 Lab Name: Advanced Fertility Center of Chicago Laboratory Accreditation: CAP

Fertility Centers of Illinois-Highland Park IVF Center 767 Park Ave West, Suite B400 Highland Park IL 60035 Telephone: (847) 433-9050; Fax: (847) 433-9126 Lab Name: aParent IVF Laboratory Accreditation: The Joint Commission

InVia Fertility Specialists 1585 N. Barrington Rd, Bldg 2, Suite 406 Hoffman Estates IL 60169 Telephone: (847) 884-8884; Fax: (847) 884-0924 Lab Name: InVia Fertility Laboratory Accreditation: CAP The Advanced IVF Institute Charles E. Miller, MD, SC & Associates 120 Osler Dr, Suite 100 Naperville IL 60540 Telephone: (630) 428-2229; Fax: (630) 428-0336 Lab Name: Charles E. Miller, MD, SC & Associates Laboratory Accreditation: CAP

IVF1 3 N. Washington St Naperville IL 60540 Telephone: (630) 357-6540; Fax: (630) 357-6435 Lab Name: Naperville Fertility Center Accreditation: CAP

Reproductive Medicine Institute 2425 W. 22nd St, Suite 102 Oak Brook IL 60523 Telephone: (630) 954-0094; Fax: (630) 954-0073 Lab Name: Reproductive Medicine Institute Laboratory Accreditation: CAP

Daniel Rostein, MD, SC 2208 Midwest Rd, Suite 102 Oak Brook IL 60523 Telephone: (630) 472-9100; Fax: (630) 472-9101 Lab Name: Naperville Fertility Center Accreditation: CAP

Advanced Reproductive Center 435 N. Mulford Rd, Suite 9 Rockford IL 61107 Telephone: (815) 229-1700; Fax: (815) 229-1831 Lab Name: aParent IVF Laboratory Accreditation: The Joint Commission

Chicago IVF 5225 Old Orchard Rd, Suite 21 Skokie IL 60077 Telephone: (847) 213-5064; Fax: (847) 966-8821 Lab Name: Illinois IVF, LLC Accreditation: CAP North Shore Fertility 4250 Dempster St Skokie IL 60076 Telephone: (847) 763-8850; Fax: (847) 763-8851 Lab Name: Reproductive Genetics Innovations, LLC Laboratory Accreditation: CAP

Southern Illinois University School of Medicine Fertility and IVF Center 751 N. Rutledge St, Suite 0100 Springfield IL 62702 Telephone: (217) 545-8000; Fax: (217) 545-3130 Lab Name: SIU School of Medicine Fertility and IVF Center Laboratory Accreditation: The Joint Commission

Vios Fertility Institute-Swansea 6 Bronze Pointe Swansea IL 62226 Telephone: (618) 509-5523; Fax: (618) 206-5017 Lab Name: Vios Fertility Institute Laboratory-Swansea Accreditation: CAP

Seth Levrant, MD, PC Partners in Reproductive Health 16345 S. Harlem Ave, Suite 100 Tinley Park IL 60477 Telephone: (708) 532-7017; Fax: (708) 845-5287 Lab Name: Seth Levrant, MD, PC, In-Vitro Laboratory Accreditation: CAP

INDIANA

§Midwest Fertility Specialists
12188-A N. Meridian St, Suite 250
Carmel IN 46032
Telephone: (317) 571-1637; Fax: (317) 571-9483
Lab Name: Ovation Fertility-Indianapolis
Accreditation: CAP

Advanced Fertility Group 201 Pennsylvania Pkwy, Suite 205 Indianapolis IN 46280 Telephone: (317) 817-1300; Fax: (317) 817-1306 Lab Name: Center for Reproductive Biology of Indiana, LLC Accreditation: The Joint Commission

Community Fertility Specialty Care 7250 Clearvista Dr, Suite 190 Indianapolis IN 46256 Telephone: (317) 621-0600; Fax: (317) 621-0610 Lab Name: Community Fertility Specialty Care Laboratory Accreditation: The Joint Commission

Family Beginnings, PC 8435 Clearvista PI, Suite 104 Indianapolis IN 46256 Telephone: (317) 595-3665; Fax: (317) 595-3666 Lab Name: Family Beginnings, PC Laboratory Accreditation: CAP

Henry Fertility dba Reproductive Care of Indiana 201 Pennsylvania Pkwy, Suite 325 Indianapolis IN 46280 Telephone: (317) 817-1800; Fax: (317) 817-1810 Lab Name: Center for Reproductive Biology of Indiana, LLC Accreditation: The Joint Commission

Indiana Fertility Institute 10610 N. Pennsylvania St, Suite 101 Indianapolis IN 46280 Telephone: (317) 575-6565; Fax: (317) 581-9207 Lab Name: Indiana Fertility Laboratory, LLC Accreditation: CAP

Indiana University Hospital 550 N. University Blvd, Suite 2403 Indianapolis IN 46202 Telephone: (317) 944-1640; Fax: (317) 944-0869 Lab Name: Center for Reproductive Biology of Indiana, LLC Accreditation: The Joint Commission Boston IVF Fertility Services at The Women's Hospital, LLC 4199 Gateway Blvd, Suite 2600 Newburgh IN 47630 Telephone: (812) 842-4530; Fax: (812) 842-4595 Lab Name: Boston IVF Fertility Services at The Women's Hospital, LLC Laboratory Accreditation: CAP

IOWA

Mid-Iowa Fertility, PC 1371 N.W. 121st St Clive IA 50325 Telephone: (515) 222-3060; Fax: (515) 222-9563 Lab Name: Mid-Iowa Fertility, PC Laboratory Accreditation: CAP

University of Iowa Hospitals and Clinics Center for Advanced Reproductive Care Department of Obstetrics and Gynecology 1360 N. Dodge St, Suite 2000 Iowa City IA 52245 Telephone: (319) 356-8483; Fax: (319) 384-8388 Lab Name: University of Iowa Hospital and Clinics IVF & Reproductive Testing Laboratory Accreditation: CAP

KANSAS

Midwest Reproductive Center, PA Doctors Building 1 20375 W. 151st St, Suite 403 Olathe KS 66061 Telephone: (913) 780-4300; Fax: (913) 780-4250 Lab Name: Midwest Reproductive Center Laboratory Accreditation: CAP

Blue Sky Fertility 14253 Metcalf Ave Overland Park KS 66223 Telephone: (913) 218-0162; Fax: (816) 214-8617 Lab Name: Blue Sky Laboratory Services Accreditation: None Center for Advanced Reproductive Medicine 10777 Nall Ave, Suite 200 Overland Park KS 66211 Telephone: (913) 588-2229; Fax: (913) 588-3236 Lab Name: University of Kansas Medical Center Embryology Laboratory Accreditation: CAP

Reproductive Resource Center of Greater Kansas City 6650 W. 110th St, Suite 320 Overland Park KS 66211 Telephone: (913) 894-2323; Fax: (913) 894-0841 Lab Name: Reproductive Resource Center IVF Laboratory Accreditation: CAP

KENTUCKY

Bluegrass Fertility Center 1760 Nicholasville Rd, Suite 501 Lexington KY 40503 Telephone: (859) 260-1515; Fax: (859) 260-1425 Lab Name: Bluegrass Fertility Center Laboratory Accreditation: The Joint Commission

The Lexington Fertility Center 170 N. Eagle Creek Dr, Suite 101 Lexington KY 40509 Telephone: (859) 277-5736; Fax: (859) 276-2236 Lab Name: The Lexington Fertility Center Embryology Laboratory Accreditation: None

Fertility & Endocrine Associates Louisville Reproductive Center 4123 Dutchmans Ln, Suite 414 Louisville KY 40207 Telephone: (502) 897-2144; Fax: (502) 897-1773 Lab Name: Louisville Reproductive Center Embryology Laboratory Accreditation: CAP Kentucky Fertility Institute, LLC 4612 Chamberlain Ln, Suite 200 Louisville KY 40241 Telephone: (502) 996-4480; Fax: (502) 996-4481 Lab Name: Kentucky Fertility Laboratory, LLC Accreditation: CAP

LOUISIANA

Fertility Answers, LLC Fertility Answers, LLC-Baton Rouge 500 Rue de La Vie, Suite 510 Baton Rouge LA 70817 Telephone: (225) 926-6886; Fax: (225) 922-3730 Lab Name: Fertility Answers, LLC-Baton Rouge Laboratory Accreditation: CAP

Fertility Institute of New Orleans
800 N. Causeway Blvd, Suite 2C
Mandeville LA 70448
Telephone: (985) 892-7621; Fax: (985) 892-9245
Lab Name: Fertility Institute of New Orleans-Metairie Laboratory
Accreditation: CAP
Lab Name: Fertility Institute of New Orleans-Baton Rouge Laboratory
Accreditation: CAP

Audubon Fertility 4321 Magnolia St New Orleans LA 70115 Telephone: (504) 891-1390; Fax: (504) 891-1391 Lab Name: Vivere New Orleans Fertility Laboratory, LLC Accreditation: CAP

ArkLaTex Fertility and Reproductive Medicine 2401 Greenwood Rd, Suite A Shreveport LA 71103 Telephone: (318) 841-5800; Fax: (318) 841-5817 Lab Name: E and A Laboratory, LLC Accreditation: CAP

MAINE

Boston IVF, LLC The Maine Center 778 Main St, Suite 2 South Portland ME 04106 Telephone: (207) 358-7600; Fax: (207) 761-7019 Lab Name: Boston IVF, LLC The Maine Center Laboratory Accreditation: CAP

MARYLAND

The A.R.T. Institute of Washington, Inc. Walter Reed National Military Medical Center 8901 Rockville Pike, Bldg 10, Rm 2104 Bethesda MD 20889 Telephone: (301) 400-2151; Fax: (301) 400-1800 Lab Name: The A.R.T Institute of Washington, Inc., Laboratory Accreditation: CAP

Endrika Hinton, MD 10751 Falls Rd, Suite 302 Lutherville MD 21093 Telephone: (410) 616-7777; Fax: (410) 616-7767 Lab Name: Johns Hopkins IVF ART Laboratory Accreditation: CAP

Johns Hopkins Fertility Center 10753 Falls Rd, Suite 335 Lutherville MD 21093 Telephone: (410) 847-3650; Fax: (410) 583-2798 Lab Name: Johns Hopkins IVF ART Laboratory Accreditation: CAP

Montgomery Fertility Center 3202 Tower Oaks Blvd, Suite 370 Rockville MD 20852 Telephone: (301) 946-6962; Fax: (301) 946-6022 Lab Name: Montgomery Fertility Center Laboratory Accreditation: None Shady Grove Fertility-Rockville 9601 Blackwell Rd, 4th Floor Rockville MD 20850 Telephone: (301) 340-1188; Fax: (301) 340-1612 Lab Name: Shady Grove Fertility-Rockville Laboratory Accreditation: The Joint Commission

Shady Grove Fertility-Towson 901 Dulaney Valley Rd, Suite 616 Towson MD 21204 Telephone: (410) 512-8300; Fax: (410) 512-8390 Lab Name: Shady Grove Fertility-Towson Laboratory Accreditation: The Joint Commission

MASSACHUSETTS

Brigham and Women's Hospital Center for Assisted Reproductive Technology 75 Francis St Boston MA 02115 Telephone: (617) 732-5570; Fax: (617) 975-0825 Lab Name: Brigham and Women's Hospital Center for Assisted Reproductive Technology Laboratory Accreditation: CAP

Massachusetts General Hospital Fertility Center 32 Fruit St, Yawkey 10A Boston MA 02114 Telephone: (617) 726-8868; Fax: (617) 724-8882 Lab Name: Massachusetts General Hospital Fertility Center Laboratory Accreditation: CAP

Fertility Solutions, PC 45 Stergis Way Dedham MA 02026 Telephone: (781) 326-2451; Fax: (781) 329-2684 Lab Name: Fertility Solutions, PC Laboratory Accreditation: CAP CCRM Boston 300 Boylston St, Suite 300 Newton MA 02459 Telephone: (617) 449-9750; Fax: (617) 449-9751 Lab Name: CCRM Boston Laboratory Accreditation: CAP

Fertility Centers of New England, Inc.
New England Clinics of Reproductive Medicine, Inc.
20 Pond Meadow Dr, Suite 101
Reading MA 01867
Telephone: (781) 942-7000; Fax: (781) 942-9840
Lab Name: New England Clinic of Reproductive Medicine, Inc., Laboratory
Accreditation: CAP

Baystate Reproductive Medicine Tolosky Center 3300 Main St, Suite 4C Springfield MA 01199 Telephone: (413) 794-1950; Fax: (413) 794-1857 Lab Name: Baystate Medical Center, Reproductive Biology Laboratory Accreditation: CAP

Cardone Reproductive Medicine and Infertility, LLC 2 Main St, Suite 150 Stoneham MA 02180 Telephone: (781) 438-9600; Fax: (781) 438-9601 Lab Name: Boston IVF Laboratory Accreditation: CAP, NYSTB

Boston IVF, LLC 130 Second Ave Waltham MA 02451 Telephone: (781) 434-6500; Fax: (781) 466-6344 Lab Name: Boston IVF Laboratory Accreditation: CAP, NYSTB

MICHIGAN

University of Michigan Center for Reproductive Medicine 475 Market Pl, Bldg 1, Suite B Ann Arbor MI 48108 Telephone: (734) 763-4323; Fax: (734) 763-7682 Lab Name: University of Michigan, Assisted Reproductive Technologies Laboratories Accreditation: CAP

IVF Michigan Fertility Centers
37000 Woodward Ave, Suite 350
Bloomfield Hills MI 48304
Telephone: (248) 952-9600; Fax: (248) 952-9650
Lab Name: IVF Michigan Fertility Centers Laboratory
Accreditation: CAP

Michigan Reproductive Medicine 41000 Woodward Ave, Suite 100E Bloomfield Hills MI 48304 Telephone: (248) 593-6990; Fax: (248) 593-5925 Lab Name: Michigan Reproductive Medicine Laboratory Accreditation: The Joint Commission

Gago IVF 2250 Genoa Business Park Dr, Suite 110 Brighton MI 48114 Telephone: (810) 227-3232; Fax: (810) 227-3237 Lab Name: Gago IVF Laboratory Accreditation: CAP

Michigan Reproductive & IVF Center, PC 3230 Eagle Park Dr N.E., Suite 100 Grand Rapids MI 49525 Telephone: (616) 988-2229; Fax: (616) 988-2010 Lab Name: Michigan Reproductive & IVF Center, PC Laboratory Accreditation: The Joint Commission IVF Michigan Rochester Hills & Flint, PC
3950 S. Rochester Rd, Suite 2300
Rochester Hills MI 48307
Telephone: (248) 844-8845; Fax: (248) 844-9852
Lab Name: IVF Michigan Rochester Hills & Flint, PC Laboratory
Accreditation: CAP

Wayne Health Wayne State Physician Group 26400 W. 12 Mile Rd, Suite 140 Southfield MI 48034 Telephone: (248) 352-8200; Fax: (248) 356-8255 Lab Name: Wayne Health Reproductive Laboratory Accreditation: CAP

Henry Ford Reproductive Medicine 2825 Livernois Rd, Suite A Troy MI 48083 Telephone: (248) 637-4050; Fax: (248) 637-0115 Lab Name: IVF Michigan Fertility Centers Laboratory Accreditation: CAP

Reproductive Medicine Associates of Michigan 130 Town Center Dr, Suite 106 Troy MI 48084 Telephone: (248) 619-3100; Fax: (248) 619-9031 Lab Name: Reproductive Medicine Associates of Michigan Laboratory Accreditation: CAP

Michigan Center for Fertility and Women's Health, PLC 4700 E. 13 Mile Rd Warren MI 48092 Telephone: (586) 576-0431; Fax: (586) 576-0924 Lab Name: Michigan Center IVF, PLLC Laboratory Accreditation: CAP

MINNESOTA

CCRM Minneapolis 6565 France Ave South, Suite 400 Edina MN 55435 Telephone: (952) 225-1630; Fax: (952) 225-1609 Lab Name: CCRM Minneapolis Laboratory Accreditation: CAP

Midwest Center for Reproductive Health, PA Arbor Lakes Medical Building 12000 Elm Creek Blvd North, Suite 350 Maple Grove MN 55369 Telephone: (763) 494-7700; Fax: (763) 494-7706 Lab Name: Midwest Center for Reproductive Health, Assisted Reproductive Technology Laboratory Accreditation: CAP

Center for Reproductive Medicine Advanced Reproductive Technologies 2828 Chicago Ave South, Suite 400 Minneapolis MN 55407 Telephone: (612) 863-5390; Fax: (612) 863-2697 Lab Name: Center for Reproductive Medicine Embryology Laboratory Accreditation: CAP

Mayo Clinic Assisted Reproductive Technologies 200 First St S.W., Eisenberg 2A Rochester MN 55905 Telephone: (507) 284-9792; Fax: (507) 284-1774 Lab Name: Mayo Clinic Fertility Testing Laboratory Accreditation: CAP Reproductive Medicine & Infertility Associates Woodbury Medical Arts Building 2101 Woodwinds Dr, Suite 100 Woodbury MN 55125 Telephone: (651) 222-6050; Fax: (651) 222-5975 Lab Name: Reproductive Medicine & Infertility Associates, Reproductive Biology Laboratory-Woodbury Accreditation: CAP Lab Name: Reproductive Medicine & Infertility Associates, Reproductive Biology Laboratory-Edina Accreditation: CAP

MISSISSIPPI

Mississippi Reproductive Medicine, PLLC 2500 Lakeland Dr Flowood MS 39232 Telephone: (601) 936-3650; Fax: (866) 491-0274 Lab Name: Mississippi Reproductive Medicine, PLLC Laboratory Accreditation: CAP

University of Mississippi Medical Center 2925 Layfair Dr, Room 146 Flowood MS 39232 Telephone: (601) 984-5330; Fax: (601) 984-6759 Lab Name: University of Mississippi Medical Center IVF & Andrology Laboratory Accreditation: CAP

Positive Steps Fertility 149 Fountains Blvd Madison MS 39110 Telephone: (833) 767-7837; Fax: (601) 202-4685 Lab Name: Positive Steps Fertility Laboratory Accreditation: None

MISSOURI

Infertility Center of St. Louis 224 S. Woods Mill Rd, Suite 730 Chesterfield MO 63017 Telephone: (314) 576-1400; Fax: (314) 576-1442 Lab Name: Assisted Reproductive Technology Laboratory Accreditation: CAP

MCRM Fertility 17300 N. Outer 40 Rd, Suite 101 Chesterfield MO 63005 Telephone: (636) 778-9899; Fax: (636) 778-9915 Lab Name: MCRM ART Laboratory Accreditation: The Joint Commission

Missouri Fertility 1506 E. Broadway, Suite 220 Columbia MO 65201 Telephone: (573) 443-4511; Fax: (573) 443-7860 Lab Name: Missouri Fertility Laboratory Accreditation: CAP

MU Healthcare Reproductive Health and Fertility Center *Missouri Center for Reproductive Medicine and Fertility University of Missouri* 500 N. Keene St, Suite 203 Columbia MO 65201 Telephone: (573) 817-3101; Fax: (573) 499-6065 Lab Name: MU Healthcare Reproductive Health and Fertility Center Laboratory Accreditation: CAP

Midwest Women's Healthcare Specialists 2340 E. Meyer Blvd, Bldg 2, Suite 598 Kansas City MO 64132 Telephone: (816) 444-6888; Fax: (816) 444-1375 Lab Name: Research Medical Center IVF Laboratory Accreditation: CAP Fertility Partnership 5401 Veterans Memorial Pkwy, Suite 201 Saint Peters MO 63376 Telephone: (636) 441-7770; Fax: (636) 441-7775 Lab Name: Fertility Partnership Laboratory Accreditation: None

Center for Reproductive Medicine & Robotic Surgery 844 N. New Ballas Ct, Suite 300 St. Louis MO 63141 Telephone: (314) 473-1285; Fax: (314) 473-1287 Lab Name: Center for Reproductive Medicine & Robotic Surgery Laboratory Accreditation: CAP

Fertility and Reproductive Medicine Center at Washington University School of Medicine and Barnes-Jewish Hospital
4444 Forest Park Ave, Suite 3100
St. Louis MO 63108
Telephone: (314) 286-2400; Fax: (314) 286-2455
Lab Name: Fertility and Reproductive Medicine Center at Washington University Laboratory
Accreditation: CAP

§STL Fertility
Sher Institute for Reproductive Medicine-St. Louis
IntegraMed Missouri, LLC
555 N. New Ballas Rd, Suite 150
St. Louis MO 63141
Telephone: (314) 983-9000; Fax: (314) 983-9023
Lab Name: STL Fertility Laboratory
Accreditation: CAP

MONTANA

Billings Clinic Reproductive Medicine and Fertility Care 1045 N. 30th St Billings MT 59101 Telephone: (406) 238-2500; Fax: (406) 238-2806 Lab Name: Billings Clinic IVF Laboratory Accreditation: CAP

NEBRASKA

Reproductive Health Specialists 717 N. 190th Plaza, Suite 2500 Elkhorn NE 68022 Telephone: (402) 815-1915; Fax: (402) 815-1065 Lab Name: Methodist Women's Hospital Andrology/Embryology Laboratory Accreditation: CAP

Heartland Center for Reproductive Medicine, PC 7308 S. 142nd St Omaha NE 68138 Telephone: (402) 717-4200; Fax: (402) 717-4230 Lab Name: Heartland Center for Reproductive Medicine, PC Laboratory Accreditation: CAP

NEVADA

Green Valley Fertility Partners 2510 Wigwam Pkwy, Suite 201 Henderson NV 89074 Telephone: (702) 722-2229; Fax: (702) 778-7672 Lab Name: Green Valley Fertility Partners Laboratory Accreditation: CAP

Fertility Center of Las Vegas 8851 W. Sahara Ave, Suite 100 Las Vegas NV 89117 Telephone: (702) 254-1777; Fax: (702) 254-1213 Lab Name: Ovation Fertility-Las Vegas Accreditation: CAP, NYSTB

§Nevada Fertility Center
Sher Institute for Reproductive Medicine-Las Vegas
5320 S. Rainbow Blvd, Suite 300
Las Vegas NV 89118
Telephone: (702) 892-9696; Fax: (702) 892-9666
Lab Name: Nevada Fertility Center Laboratory
Accreditation: CAP Nevada Fertility Institute 8530 W. Sunset Rd, Suite 310 Las Vegas NV 89113 Telephone: (702) 936-8710; Fax: (702) 936-8711 Lab Name: Nevada Fertility Institute Laboratory Accreditation: CAP, NYSTB

Red Rock Fertility Center 9120 W. Russell Rd, Suite 200 Las Vegas NV 89148 Telephone: (702) 262-0079; Fax: (702) 685-6910 Lab Name: Red Rock Fertility Center Laboratory Accreditation: CAP

The Nevada Center for Reproductive Medicine 645 Sierra Rose Dr, Suite 205 Reno NV 89511 Telephone: (775) 828-1200; Fax: (775) 828-1785 Lab Name: The Nevada Center for Reproductive Medicine Laboratory Accreditation: The Joint Commission

NEW JERSEY

Reproductive Medicine Associates of New Jersey 140 Allen Rd Basking Ridge NJ 07920 Telephone: (973) 971-4600; Fax: (973) 290-8370 Lab Name: Reproductive Medicine Associates of New Jersey Embryology Laboratory Accreditation: CAP

Clifton Low Cost IVF 1033 Route 46 East, Suite 102 Clifton NJ 07013 Telephone: (973) 779-7979; Fax: (973) 246-7299 Lab Name: Diamond Institute for Infertility Laboratory Accreditation: CAP

NJ Best OB/GYN 716 Broad St, Suite 2A Clifton NJ 07013 Telephone: (973) 221-3122; Fax: (973) 710-0620 Lab Name: Diamond Institute for Infertility Laboratory Accreditation: CAP Reproductive Science Center of New Jersey 234 Industrial Way West, Suite A104 Eatontown NJ 07724 Telephone: (732) 918-2500; Fax: (732) 918-2504 Lab Name: Reproductive Science Center of New Jersey Laboratory Accreditation: CAP

Center for Advanced Reproductive Medicine & Fertility 4 Ethel Rd, Suite 405A Edison NJ 08817 Telephone: (732) 339-9300; Fax: (732) 339-9400 Lab Name: Center for Advanced Reproductive Medicine & Fertility Laboratory Accreditation: The Joint Commission

Women's Fertility Center 106 Grand Ave, Suite 400 Englewood NJ 07631 Telephone: (201) 569-6979; Fax: (201) 569-0269 Lab Name: Fertility Institute of New Jersey and New York Laboratory Accreditation: CAP

North Hudson IVF Center for Fertility and Gynecology 385 Sylvan Ave Englewood Cliffs NJ 07632 Telephone: (201) 871-1999; Fax: (201) 871-1031 Lab Name: North Hudson IVF Laboratory Accreditation: None

University Reproductive Associates, PC 214 Terrace Ave Hasbrouck Heights NJ 07604 Telephone: (201) 288-6330; Fax: (201) 288-6331 Lab Name: University Reproductive Associates,

PC Laboratories Accreditation: CAP

Shore Institute for Reproductive Medicine dba Morgan Fertility and Reproductive Medicine 475 Route 70 West, Suite 201 Lakewood NJ 08701 Telephone: (732) 363-4777; Fax: (732) 363-2004 Lab Name: Shore Area IVF Laboratories, PC Accreditation: CAP Institute for Reproductive Medicine and Science Saint Barnabas Medical Center 94 Old Short Hills Rd, East Wing, Suite 403 Livingston NJ 07039 Telephone: (973) 322-8286; Fax: (973) 322-8890 Lab Name: Institute for Reproductive Medicine and Science at Saint Barnabas Medical Center Laboratory Accreditation: CAP

Delaware Valley Institute of Fertility and Genetics 6000 Sagemore Dr, Suite 6102 Marlton NJ 08053 Telephone: (856) 988-0072; Fax: (856) 988-0056 Lab Name: Delaware Valley Institute of Fertility & Genetics Reproductive Laboratories Accreditation: CAP

§South Jersey Fertility Center
400 Lippincott Dr, Suite 130
Marlton NJ 08053
Telephone: (856) 596-2233; Fax: (856) 596-4081
Lab Name: South Jersey Fertility
Center Laboratory
Accreditation: The Joint Commission

Diamond Institute for Infertility & Menopause 89 Millburn Ave Millburn NJ 07041 Telephone: (973) 761-5600; Fax: (973) 761-5100 Lab Name: Diamond Institute for Infertility Laboratory Accreditation: CAP

Cooper Institute for Reproductive Hormonal Disorders, PC 17000 Commerce Pkwy, Suite C Mount Laurel NJ 08054 Telephone: (856) 751-5575; Fax: (856) 751-7289 Lab Name: Cooper Institute for Reproductive Hormonal Disorders, PC Laboratory Accreditation: CAP Fertility Institute of New Jersey and New York 680 Kinderkamack Rd, Suite 200 Oradell NJ 07649 Telephone: (201) 666-4200; Fax: (201) 666-2262 Lab Name: Fertility Institute of New Jersey and New York Laboratory Accreditation: CAP

Valley Hospital Fertility Center 140 E. Ridgewood Ave, 5th Floor, Suite 590S Paramus NJ 07652 Telephone: (201) 634-5534; Fax: (201) 634-5503 Lab Name: Valley Hospital Fertility Center Laboratory Accreditation: CAP

Damien Fertility Partners 655 Shrewsbury Ave, Suite 300 Shrewsbury NJ 07702 Telephone: (732) 758-6511; Fax: (732) 758-1048 Lab Name: Damien Fertility Partners Laboratory Accreditation: CAP

Center for Reproductive Medicine and Fertility Louis R. Manara, DO 200 Route 73, Suite A Voorhees NJ 08043 Telephone: (856) 767-0009; Fax: (856) 767-0990 Lab Name: Center for Reproductive Medicine and Fertility Laboratory Accreditation: CAP

NEW MEXICO

Caperton Fertility Institute, LLC 6500 Jefferson St N.E., Suite 250 Albuquerque NM 87109 Telephone: (505) 702-8020; Fax: (505) 796-8022 Lab Name: Caperton Fertility Institute, LLC Laboratory Accreditation: CAP The Fertility Center of New Mexico, LLC 201 Cedar St S.E., Suite S1-20 Albuquerque NM 87106 Telephone: (505) 248-0000; Fax: (505) 842-0000 Lab Name: The Fertility Center of New Mexico, LLC Laboratory Accreditation: CAP

NEW YORK

Genesis Fertility & Reproductive Medicine 6010 Bay Pkwy Brooklyn NY 11204 Telephone: (718) 283-8600; Fax: (713) 283-6580 Lab Name: Brooklyn IVF Accreditation: CAP, NYSTB

Infertility & IVF Medical Associates of Western New York, PLLC dba Buffalo IVF 4510 Main St Buffalo NY 14226 Telephone: (716) 839-3057; Fax: (716) 839-1477 Lab Name: Infertility & IVF Medical Associates of Western New York, PLLC Laboratory Accreditation: NYSTB

Island Fertility Stony Brook Community Medical, PC 500 Commack Rd, Suite 202 Commack NY 11725 Telephone: (631) 638-4600; Fax: (631) 638-4601 Lab Name: Island Fertility Laboratory Stony Brook Community Medical, PC Accreditation: CAP, NYSTB

Hudson Valley Fertility, PLLC 400 Westage Business Center Dr, Suite 109 Fishkill NY 12524 Telephone: (845) 765-0125; Fax: (845) 765-0128 Lab Name: Hudson Valley Fertility, PLLC Laboratory Accreditation: NYSTB The New York Fertility Center 42-31 Colden St, Suite 202 Flushing NY 11355 Telephone: (718) 261-9068; Fax: (718) 261-9067 Lab Name: The New York Fertility Center Laboratory Accreditation: NYSTB

Montefiore's Institute for Reproductive Medicine and Health 141 S. Central Ave, Suite 201 Hartsdale NY 10530 Telephone: (914) 997-1060; Fax: (914) 997-1099 Lab Name: Montefiore's Institute for Reproductive Medicine and Health Laboratory Accreditation: CAP, NYSTB

Boston IVF, The Albany Center 399 Albany Shaker Rd Loudonville NY 12211 Telephone: (518) 434-9759; Fax: (518) 436-9822 Lab Name: Boston IVF, The Albany Center Laboratory Accreditation: CAP, NYSTB

§Northwell Health Fertility
300 Community Dr
Manhasset NY 11030
Telephone: (516) 562-2229; Fax: (516) 562-1710
Lab Name: Northwell Health Fertility Laboratory
Accreditation: CAP

§RMA Long Island IVF
Long Island IVF
8 Corporate Center Dr, Suite 101
Melville NY 11747
Telephone: (631) 752-0606; Fax: (631) 752-0623
Lab Name: RMA Long Island IVF Laboratory
Accreditation: CAP, NYSTB

§NYU Langone Reproductive Specialists of New York
Reproductive Specialists of New York
200 Old Country Rd, Suite 350
Mineola NY 11501
Telephone: (516) 739-2100; Fax: (516) 873-8068
Lab Name: NYU Langone Reproductive Specialists of New York Laboratory
Accreditation: CAP (Pend), NYSTB

Advanced Fertility Services, PC 1625 Third Ave New York NY 10128 Telephone: (212) 369-8700; Fax: (212) 289-8461 Lab Name: Manhattan Fertility Services Laboratory Accreditation: CAP (Pend), NYSTB

CCRM New York 810 Seventh Ave, 21st Floor New York NY 10019 Telephone: (212) 290-8100; Fax: (212) 293-6500 Lab Name: CCRM New York IVF Laboratory Accreditation: CAP, NYSTB

Center for Human Reproduction (CHR) 21 E. 69th St New York NY 10021 Telephone: (212) 994-4400; Fax: (212) 994-4499 Lab Name: American Infertility of NY Laboratory Accreditation: CAP, NYSTB

Chelsea Fertility NYC 105 E. 37th St, Suite 1 New York NY 10016 Telephone: (212) 685-2229; Fax: (646) 726-4449 Lab Name: Chelsea Fertility NYC Laboratory Accreditation: CAP, NYSTB

Columbia University Fertility Center 5 Columbus Cir, PH Floor New York NY 10019 Telephone: (212) 314-8809; Fax: (212) 314-8801 Lab Name: Columbia University Fertility Center Laboratory Accreditation: NYSTB Extend Fertility *Extend Fertility-Expect Fertility* 200 W. 57th St, Suite 1101 New York NY 10019 Telephone: (212) 810-2828; Fax: (646) 862-3328 Lab Name: Extend Fertility, LLC Accreditation: NYSTB

Fertility New York 240 Central Park South, Suite 1P New York NY 10019 Telephone: (212) 535-5350; Fax: (212) 535-5080 Lab Name: Ferny Fertility New York Laboratory Accreditation: NYSTB

Generation Next Fertility, PLLC 115 E. 57th St, 11th Floor New York NY 10022 Telephone: (212) 641-0906; Fax: (212) 641-0522 Lab Name: Generation Next Fertility, PLLC Laboratory Accreditation: NYSTB

Global Fertility & Genetics, NY 115 E. 57th St, Suite 420-430 New York NY 10022 Telephone: (646) 739-4956; Fax: (212) 381-9557 Lab Name: Global Fertility & Genetics, NY Laboratory Accreditation: CAP

§Kindbody-New York
102 Fifth Ave
New York NY 10011
Telephone: (855) 563-2639; Fax: (646) 905-0987
Lab Name: NYC In Vitro Fertilization, PC Laboratory
Accreditation: NYSTB

Kofinas Fertility Group 65 Broadway, 14th Floor New York NY 10006 Telephone: (212) 348-4000; Fax: (212) 348-4001 Lab Name: Kofinas Fertility Group Laboratory Accreditation: NYSTB Legacy IVF, LLC 1625 Third Ave New York NY 10128 Telephone: (212) 230-5711; Fax: (917) 258-0105 Lab Name: Manhattan Fertility Services Laboratory Accreditation: CAP (Pend), NYSTB

Manhattan Reproductive Medicine 159 E. 74th St, Suite C New York NY 10021 Telephone: (212) 794-0080; Fax: (212) 794-0066 Lab Name: Manhattan Reproductive Medicine Laboratory Accreditation: NYSTB

Metropolitan Reproductive Medicine, PC 422 West End Ave New York NY 10024 Telephone: (212) 580-2252; Fax: (212) 580-2258 Lab Name: Manhattan Fertility Services Laboratory Accreditation: CAP (Pend), NYSTB

New Hope Fertility Center 4 Columbus Cir, 4th Floor New York NY 10019 Telephone: (212) 517-7676; Fax: (212) 489-6294 Lab Name: New Hope Fertility Center Laboratory Accreditation: CAP, NYSTB

New York Fertility Institute 1016 Fifth Ave New York NY 10028 Telephone: (212) 734-5555; Fax: (212) 734-6059 Lab Name: New York Fertility Institute Laboratory Accreditation: CAP, NYSTB

Neway Medical 123 W. 79th St New York NY 10024 Telephone: (212) 750-3330; Fax: (646) 462-3353 Lab Name: American Fertility Services, PC, dba Neway Medical Laboratory Accreditation: NYSTB Noble Fertility Center 137 E. 36th St New York NY 10016 Telephone: (212) 804-6666; Fax: (212) 502-3386 Lab Name: Rockefeller Fertility Center Accreditation: NYSTB

Northwell Health Fertility-NYC 210 E. 64th St, 1st Floor New York NY 10065 Telephone: (212) 324-2229; Fax: (212) 327-2229 Lab Name: Northwell Health Fertility Laboratory-NYC Accreditation: NYSTB

NYC In Vitro Fertilization, PC 693 Fifth Ave, 7th Floor New York NY 10022 Telephone: (800) 853-7595; Fax: (800) 780-6167 Lab Name: NYC In Vitro Fertilization, PC Laboratory Accreditation: NYSTB

NYU Langone Fertility Center 660 First Ave, 5th Floor New York NY 10016 Telephone: (212) 263-8990; Fax: (212) 263-8827 Lab Name: NYU Langone Fertility Center Laboratory Accreditation: CAP, NYSTB

Reproductive Medicine Associates of New York, LLP 635 Madison Ave, 10th Floor New York NY 10022 Telephone: (212) 756-5777; Fax: (212) 756-5770 Lab Name: Reproductive Medicine Associates of New York, LLP Laboratory Accreditation: NYSTB Sher Fertility Solutions-New York
Sher Institute for Reproductive Medicine-New York
425 Fifth Ave, 3rd Floor
New York NY 10016
Telephone: (646) 792-7476; Fax: (646) 274-0600
Lab Name: Sher Institute for Reproductive Medicine-New York Laboratory
Accreditation: CAP, NYSTB

Weill Cornell Medicine Center for Reproductive Medicine 1305 York Ave, 6th Floor New York NY 10021 Telephone: (646) 962-2764; Fax: (646) 962-0359 Lab Name: Weill Cornell Medicine, Center for Reproductive Medicine Laboratory Accreditation: NYSTB

Westmed Reproductive Services 3030 Westchester Ave Purchase NY 10577 Telephone: (914) 607-6213; Fax: (914) 848-8624 Lab Name: Greenwich Fertility and IVF Center, PC Laboratory Accreditation: CAP, NYSTB

§Rochester Regional Health Fertility Care *Rochester Fertility Care, PC*1561 Long Pond Rd, Suite 410
Rochester NY 14626
Telephone: (585) 453-7760; Fax: (585) 453-7771
Lab Name: Rochester Regional Health Fertility
Care Laboratory
Accreditation: NYSTB

Strong Fertility Center 500 Red Creek Dr, Suite 220 Rochester NY 14623 Telephone: (585) 487-3378; Fax: (585) 334-8998 Lab Name: Strong Fertility Center Laboratory Accreditation: CAP, NYSTB Island Reproductive Services, PC 237 Richmond Valley Rd Staten Island NY 10309 Telephone: (718) 948-6100; Fax: (718) 948-6114 Lab Name: Reproductive Center of Central New Jersey Accreditation: The Joint Commission Lab Name: Island Reproductive Services, PC Laboratory Accreditation: The Joint Commission, NYSTB

New York Reproductive Wellness 300 S. Oyster Bay Rd Syosset NY 11791 Telephone: (516) 605-2626; Fax: (516) 605-2624 Lab Name: New York Reproductive Wellness ART Laboratory Accreditation: NYSTB

Boston IVF-The Syracuse Center 5792 Widewaters Pkwy Syracuse NY 13214 Telephone: (315) 703-3050; Fax: (315) 802-4996 Lab Name: Boston IVF-The Syracuse Center Laboratory

Accreditation: NYSTB

CNY Fertility Center 195 Intrepid Ln Syracuse NY 13205 Telephone: (315) 469-8700; Fax: (315) 469-6789 Lab Name: CNY Fertility Center-Albany Accreditation: CAP, NYSTB Lab Name: CNY Fertility Center-Syracuse Accreditation: CAP, NYSTB

Westchester Fertility & Reproductive Endocrinology 136 S. Broadway White Plains NY 10605 Telephone: (914) 949-6677; Fax: (914) 949-5758 Lab Name: Westchester IVF Accreditation: NYSTB Gold Coast IVF Reproductive Medicine and Surgery Center 246 Crossways Park Dr West Woodbury NY 11797 Telephone: (516) 682-8900; Fax: (516) 682-8901 Lab Name: Gold Coast IVF Laboratory Accreditation: CAP, NYSTB

NORTH CAROLINA

North Carolina Center for Reproductive Medicine The Talbert Fertility Institute 400 Ashville Ave, Suite 200 Cary NC 27518 Telephone: (919) 233-1680; Fax: (919) 233-1685 Lab Name: North Carolina Center for Reproductive Medicine, North Carolina Reproductive Laboratories Accreditation: The Joint Commission

Program for Assisted Reproduction at Atrium Health's Carolinas Medical Center CMC Women's Institute Program for Assisted Reproduction at Carolinas Medical Center CMC Women's Institute 1025 Morehead Medical Dr, Suite 500 Charlotte NC 28204 Telephone: (704) 355-3149; Fax: (704) 355-1564 Lab Name: Carolinas Medical Center Andrology and ART Laboratories Accreditation: CAP

Reproductive Endocrinology Associates of Charlotte 1524 E. Morehead St Charlotte NC 28207 Telephone: (704) 343-3400; Fax: (704) 343-0744 Lab Name: Reproductive Endocrinology Associates of Charlotte Laboratory Accreditation: CAP Duke Fertility Center Duke University Medical Center 5704 Fayetteville Rd Durham NC 27713 Telephone: (919) 572-4673; Fax: (919) 484-0461 Lab Name: Duke Fertility Center, Assisted Reproductive Technologies Laboratory Accreditation: CAP

§Womack Army Medical Center WAMC MCXC-OB, 2817 Reilly Rd, Mailstop A Fort Bragg NC 28310 Telephone: (910) 907-9270; Fax: (910) 907-7825 Lab Name: North Carolina IVF Labs Accreditation: CAP

Atlantic Reproductive Medicine Specialists, PA 10208 Cerny St, Suite 306 Raleigh NC 27617 Telephone: (919) 248-8777; Fax: (919) 248-8776 Lab Name: Atlantic Fertility Center Partners, LLC Accreditation: CAP

Carolina Conceptions, PA 2601 Lake Dr, Suite 301 Raleigh NC 27607 Telephone: (919) 782-5911; Fax: (919) 861-6400 Lab Name: Carolina Conceptions Embryology/ Andrology Laboratory Accreditation: CAP

UNC Fertility 7920 ACC Blvd, Suite 300 Raleigh NC 27617 Telephone: (919) 908-0000; Fax: (919) 596-6147 Lab Name: UNC Fertility Laboratory Accreditation: CAP

Carolinas Fertility Institute 3821 Forrestgate Dr Winston-Salem NC 27103 Telephone: (336) 448-9100; Fax: (336) 778-7995 Lab Name: Carolinas Fertility Institute Laboratory Accreditation: CAP Wake Forest University Center for Reproductive Medicine
111 Hanestown Ct, Suite 351
Winston-Salem NC 27103
Telephone: (336) 716-6476; Fax: (336) 716-0194
Lab Name: Wake Forest University Center for Reproductive Medicine Laboratory
Accreditation: CAP

NORTH DAKOTA

Sanford Health Reproductive Medicine Institute 1111 Harwood Dr South Fargo ND 58104 Telephone: (701) 234-2700; Fax: (701) 234-2702 Lab Name: Sanford Health Reproductive Medicine Laboratory Accreditation: CAP

OHIO

Fertility Unlimited, Inc. Northeastern Ohio Fertility Center 468 E. Market St Akron OH 44304 Telephone: (330) 376-2300; Fax: (330) 376-4807 Lab Name: Fertility Unlimited, Inc., Laboratory Accreditation: The Joint Commission

Reproductive Gynecology & Infertility-Akron 95 Arch St, Suite 250 Akron OH 44304 Telephone: (330) 375-7722; Fax: (330) 375-3986 Lab Name: Reproductive Gynecology Laboratory-Akron Accreditation: CAP Cleveland Clinic Fertility Center 26900 Cedar Rd, Suite 220S Beachwood OH 44122 Telephone: (216) 839-3150; Fax: (216) 839-3181 Lab Name: Cleveland Clinic Fertility Center Laboratory Accreditation: CAP

University Hospitals Fertility Center Kathy Risman Pavilion 1000 Auburn Dr, Suite 310 Beachwood OH 44122 Telephone: (216) 285-5028; Fax: (216) 201-5390 Lab Name: University Hospitals Fertility Center Laboratory Accreditation: CAP

Bethesda Fertility Center 10506 Montgomery Rd, Suite 303 Cincinnati OH 45242 Telephone: (513) 865-1675; Fax: (513) 865-1676 Lab Name: Reproductive Studies Laboratory Accreditation: The Joint Commission

Institute for Reproductive Health 3805 Edwards Rd, Suite 450 Cincinnati OH 45209 Telephone: (513) 924-5546; Fax: (513) 924-5549 Lab Name: Ovation Fertility-Cincinnati Accreditation: CAP

Ohio Reproductive Medicine 4830 Knightsbridge Blvd, Suite E Columbus OH 43214 Telephone: (614) 451-2280; Fax: (614) 451-4352 Lab Name: Reproductive Diagnostics, Inc. Accreditation: CAP

SpringCreek Fertility 7095 Clyo Rd Dayton OH 45459 Telephone: (937) 458-5084; Fax: (937) 458-5089 Lab Name: SpringCreek Fertility Laboratory Accreditation: CAP The Fertility Wellness Institute of Ohio 7671 Tylers Place Blvd West Chester OH 45069 Telephone: (513) 326-4300; Fax: (513) 326-4306 Lab Name: The Fertility Wellness Institute of Ohio Laboratory Accreditation: CAP

UC Center for Reproductive Health 7675 Wellness Way, Suite 315 West Chester OH 45069 Telephone: (513) 475-7600; Fax: (513) 475-7601 Lab Name: UC Center for Reproductive Health Laboratory Accreditation: CAP

Reproductive Gynecology & Infertility-Westerville 540 N. Cleveland Ave, Suite 100 Westerville OH 43082 Telephone: (614) 895-3333; Fax: (614) 895-3338 Lab Name: Reproductive Gynecology Laboratory-Westerville Accreditation: CAP

OKLAHOMA

Bennett Fertility Institute
3433 N.W. 56th St, Bldg B, Suite 200
Oklahoma City OK 73112
Telephone: (405) 949-6060; Fax: (405) 949-6872
Lab Name: Integris Canadian Valley
Hospital Lab, Bennett Fertility Institute
Reproductive Services
Accreditation: CAP

OU Physicians Reproductive Medicine 840 Research Pkwy, Suite 200 Oklahoma City OK 73104 Telephone: (405) 271-1616; Fax: (405) 271-9222 Lab Name: OU Reproductive Medicine Department of OB/GYN ART Laboratory Accreditation: CAP Tulsa Fertility Center 115 E. 15th St Tulsa OK 74119 Telephone: (918) 584-2870; Fax: (918) 587-3602 Lab Name: Tulsa Fertility Center Laboratory Accreditation: CAP

OREGON

The Fertility Center of Oregon 590 Country Club Pkwy, Suite A Eugene OR 97401 Telephone: (541) 683-1559; Fax: (541) 683-1709 Lab Name: The Fertility Center of Oregon Embryology Laboratory Accreditation: None

Oregon Fertility Institute 9370 S.W. Greenburg Rd, Suite 412 Portland OR 97223 Telephone: (503) 292-7734; Fax: (503) 292-7735 Lab Name: Oregon Health & Science University Andrology/Embryology Laboratory Accreditation: CAP

ORM Fertility-Portland 808 S.W. 15th Ave Portland OR 97205 Telephone: (503) 243-4914; Fax: (503) 274-4946 Lab Name: ORM Fertility-Portland Laboratory Accreditation: CAP

University Fertility Consultants Oregon Health & Science University OHSU Center for Health & Healing 3303 S.W. Bond Ave, 10th Floor Portland OR 97239 Telephone: (503) 418-3700; Fax: (503) 428-3708 Lab Name: Oregon Health & Science University Andrology/Embryology Laboratory Accreditation: CAP

PENNSYLVANIA

Family Fertility Center 95 Highland Ave, Suite 100 Bethlehem PA 18017 Telephone: (610) 868-8600; Fax: (610) 868-8700 Lab Name: Family Fertility Center Laboratory Accreditation: CAP

Main Line Fertility & Reproductive Medicine 825 Old Lancaster Rd, Suite 170 Bryn Mawr PA 19010 Telephone: (484) 380-4879; Fax: (484) 380-4866 Lab Name: Main Line Fertility Center Laboratory Accreditation: CAP

Geisinger Medical Center Fertility Program 100 N. Academy Ave Danville PA 17822 Telephone: (570) 271-5620; Fax: (570) 271-5629 Lab Name: Geisinger Medical Center ART/ Andrology Laboratory Accreditation: CAP

Sincera Reproductive Medicine Abington Reproductive Medicine, Abington IVF and Genetics Toll Center for Reproductive Sciences 467 Pennsylvania Ave, Suite 202B Fort Washington PA 19034 Telephone: (215) 887-2010; Fax: (215) 887-3291 Lab Name: Sincera Reproductive Medicine IVF Laboratory Accreditation: CAP

Penn State Milton S. Hershey Medical Center
35 Hope Dr, Suite 202
Hershey PA 17033
Telephone: (717) 531-6731; Fax: (717) 531-6286
Lab Name: Penn State Milton S. Hershey Medical Center Laboratory
Accreditation: The Joint Commission Reproductive Medicine Associates of Philadelphia 625 Clark Ave, Suite 17B King of Prussia PA 19406 Telephone: (215) 654-1544; Fax: (215) 654-1543 Lab Name: Reproductive Medicine Associates of Philadelphia Laboratory Accreditation: The Joint Commission

Society Hill Reproductive Medicine 822 Pine St, Suite 4B Philadelphia PA 19107 Telephone: (215) 829-8110; Fax: (215) 829-8119 Lab Name: Main Line Fertility Center Laboratory Accreditation: CAP

University of Pennsylvania Penn Fertility Care 3701 Market St, Suite 800 Philadelphia PA 19104 Telephone: (215) 662-6100; Fax: (215) 349-5512 Lab Name: University of Pennsylvania, Penn Fertility Care Laboratory Accreditation: CAP, The Joint Commission

AHN Center for Reproductive Medicine
9335 McKnight Rd, Suite 240
Pittsburgh PA 15237
Telephone: (412) 847-1166; Fax: (412) 847-1168
Lab Name: AHN Center for Reproductive Medicine Laboratory
Accreditation: CAP

§University of Pittsburgh Physicians
Center for Fertility and Reproductive Endocrinology
Magee Womens Hospital
300 Halket St, Suite 5150
Pittsburgh PA 15213
Telephone: (412) 641-1600; Fax: (412) 641-7454
Lab Name: Center for Fertility and Reproductive Endocrinology IVF Laboratory
Accreditation: CAP †UPMC Center for Fertility and Reproductive Endocrinology
419 Rodi Rd
Pittsburgh PA 15235
Telephone: (412) 731-8000; Fax: (412) 731-8399
Contact the NASS Help Desk for current clinic information.

Shady Grove Fertility-Pennsylvania 945 Chesterbrook Blvd Wayne PA 19087 Telephone: (610) 981-6000; Fax: (855) 437-5785 Lab Name: Shady Grove Fertility-Pennsylvania Laboratory Accreditation: The Joint Commission, NYSTB

The Fertility Center, LLC 130 Leader Heights Rd York PA 17403 Telephone: (717) 747-3099; Fax: (717) 747-3214 Lab Name: The Fertility Center, LLC Laboratory Accreditation: None

PUERTO RICO

Pedro J. Beauchamp, MD IVF Program dba Puerto Rico Fertility Center Dr. Arturo Cadilla Building 100 Paseo San Pablo, Suite 503 Bayamón PR 00961 Telephone: (787) 798-0100; Fax: (787) 740-7250 Lab Name: PR Fertility and Reproductive Center Accreditation: The Joint Commission

Clinica de Fertilidad HIMA-San Pablo Caguas Ave Muñoz Rivera, A-1, Suite 303 Caguas PR 00726 Telephone: (787) 653-3775; Fax: (787) 961-4546 Lab Name: Clinica de Fertilidad HIMA-San Pablo Caguas Laboratory Accreditation: None

GREFI

Gynecology, Reproductive Endocrinology & Fertility Institute First Bank Building 1519 Ponce de León Ave, Suite 705 San Juan PR 00909 Telephone: (787) 984-3008; Fax: (787) 848-0979 Lab Name: GREFI Laboratory-Coto Laurel Accreditation: None Lab Name: GREFI Laboratory-San Juan Accreditation: None

RHODE ISLAND

§Women & Infants Fertility Center
90 Plain St, 5th Floor
Providence RI 02903
Telephone: (401) 453-7500; Fax: (401) 277-3638
Lab Name: Women & Infants Fertility
Center Laboratory
Accreditation: CAP

SOUTH CAROLINA

Piedmont Reproductive Endocrinology Group, PA 17 Caledon Ct, Suite C Greenville SC 29615 Telephone: (864) 232-7734; Fax: (864) 232-7099 Lab Name: Piedmont Reproductive Endocrinology Group, PA Laboratory-Greenville Accreditation: CAP Lab Name: Piedmont Reproductive Endocrinology Group, PA Laboratory-West Columbia Accreditation: CAP

§Prisma Health Fertility Center of the Carolinas *Fertility Center of the Carolinas University Medical Group, Department of Obstetrics and Gynecology*890 W. Faris Rd, Suite 470
Greenville SC 29605
Telephone: (864) 455-1600; Fax: (864) 455-8492
Lab Name: Prisma Health Fertility Center of the
Carolinas Laboratory
Accreditation: CAP

Coastal Fertility Specialists 1375 Hospital Dr Mount Pleasant SC 29464 Telephone: (843) 883-5800; Fax: (843) 881-0362 Lab Name: Coastal Fertility Specialists Laboratory Accreditation: CAP

SOUTH DAKOTA

Sanford Women's Health 1500 W. 22nd St, MB3, Suite 102 Sioux Falls SD 57105 Telephone: (605) 328-8800; Fax: (605) 328-8801 Lab Name: Sanford Women's Health Advanced Reproductive Laboratory Accreditation: CAP

TENNESSEE

Fertility Center, LLC 7407 Ziegler Rd Chattanooga TN 37421 Telephone: (423) 899-0500; Fax: (423) 899-2411 Lab Name: Fertility Center, LLC Laboratory Accreditation: The Joint Commission

Tennessee Reproductive Medicine 6031 Shallowford Rd, Suite 101 Chattanooga TN 37421 Telephone: (423) 876-2229; Fax: (423) 643-0699 Lab Name: Tennessee Reproductive Medicine Laboratory Accreditation: CAP

Tennessee Fertility Institute 9160 Carothers Pkwy, Suite 201 Franklin TN 37067 Telephone: (615) 721-6250; Fax: (615) 721-6251 Lab Name: Tennessee Fertility Institute Laboratory Accreditation: CAP Vanderbilt Fertility Clinic 2009 Mallory Ln, Suite 250 Franklin TN 37067 Telephone: (615) 343-5700; Fax: (615) 771-3588 Lab Name: IVF Labs of Nashville Accreditation: CAP

Quillen Fertility & Women's Services 1319 Sunset Dr, Suite 103 Johnson City TN 37604 Telephone: (423) 439-7246; Fax: (423) 282-4698 Lab Name: ETSU Physicians and Associates, Quillen Fertility & Women's Services Laboratory Accreditation: CAP

Southeastern Center for Fertility and Reproductive Surgery, PLLC Jeffrey A. Keenan, MD dba Southeastern Center for Fertility and Reproductive Surgery 11126 Kingston Pike Knoxville TN 37934 Telephone: (865) 777-0088; Fax: (865) 777-2015 Lab Name: Southeastern Center for Fertility and Reproductive Surgery, PLLC Laboratory Accreditation: None

Kutteh Ke Fertility Associates of Memphis, PLLC 80 Humphreys Center, Suite 307 Memphis TN 38120 Telephone: (901) 747-2229; Fax: (901) 747-4446 Lab Name: Memphis Fertility Laboratory, Inc. Accreditation: CAP

The Center for Reproductive Health 2410 Patterson St, Suite 401 Nashville TN 37203 Telephone: (615) 321-8899; Fax: (615) 321-8877 Lab Name: Fertility Laboratories of Nashville, Inc. Accreditation: CAP

Nashville Fertility Center 345 23rd Ave North, Suite 401 Nashville TN 37203 Telephone: (615) 321-4740; Fax: (615) 277-2455 Lab Name: IVF Labs of Nashville Accreditation: CAP

TEXAS

Aspire Fertility-Dallas 16415 Addison Rd, Suite 900 Addison TX 75001 Telephone: (214) 414-3806; Fax: (214) 414-0376 Lab Name: Aspire Fertility-Dallas Laboratory Accreditation: CAP

DFW Center for Fertility & IVF 980 Raintree Cir Allen TX 75013 Telephone: (214) 383-2600; Fax: (214) 383-2601 Lab Name: DFW Center for Fertility & IVF Laboratory Accreditation: CAP

IVFMD-Arlington 600 W. Mayfield Rd Arlington TX 76014 Telephone: (817) 701-1290; Fax: (817) 701-1297 Lab Name: IVFMD, Advanced Reproductive Laboratory Accreditation: CAP

§Aspire Fertility-Austin
911 W. 38th St, Suite 402
Austin TX 78705
Telephone: (512) 479-7979; Fax: (512) 479-7978
Lab Name: Aspire Fertility-Austin Laboratory
Accreditation: CAP

Austin Fertility and Reproductive Medicine-Westlake IVF 300 Beardsley Ln, Bldg B, Suite 200 Austin TX 78746 Telephone: (512) 444-1414; Fax: (512) 579-2720 Lab Name: Westlake IVF Laboratory Accreditation: CAP

Austin Fertility Institute, PA 2200 Park Bend Dr, Bldg 1, Suite 402 Austin TX 78758 Telephone: (512) 339-4234; Fax: (512) 339-4237 Lab Name: New Austin Health, LLC Laboratory Accreditation: CAP Texas Fertility Center Vaughn, Silverberg & Associates 6500 N. Mopac Expressway, Bldg 1, Suite 1200 Austin TX 78731 Telephone: (512) 451-0149; Fax: (512) 451-0977 Lab Name: Ovation Fertility-Austin Accreditation: CAP Lab Name: Ovation Fertility-San Antonio Accreditation: CAP

Center for Assisted Reproduction 1701 Park Place Ave Bedford TX 76022 Telephone: (817) 540-1157; Fax: (817) 267-0522 Lab Name: Center for Assisted Reproduction Laboratory Accreditation: CAP

The Center for Reproductive Endocrinology Sher Institute for Reproductive Medicine-Dallas 7777 Forest Ln, Suite C638 Dallas TX 75230 Telephone: (972) 566-6686; Fax: (972) 566-6670 Lab Name: CRE-ART Laboratory Accreditation: CAP

Dallas-Fort Worth Fertility Associates 5477 Glen Lakes Dr, Suite 200 Dallas TX 75231 Telephone: (214) 363-5965; Fax: (214) 363-0639 Lab Name: Dallas Fertility Center Laboratory Accreditation: CAP

Fertility and Advanced Reproductive Medicine Outpatient Building 1801 Inwood Rd, Suite 616 Dallas TX 75390 Telephone: (214) 645-3858; Fax: (214) 645-7930 Lab Name: Fertility and Advanced Reproductive Medicine Laboratory Accreditation: CAP Fertility Center of Dallas Baylor Medical Pavilion 3900 Junius St, Suite 610 Dallas TX 75246 Telephone: (972) 884-5700; Fax: (972) 884-5709 Lab Name: Texas Health Presbyterian Hospital ARTS Laboratory Accreditation: CAP Lab Name: Fertility Center of Dallas Laboratory Accreditation: CAP

ReproMed Fertility Center 3800 San Jacinto St Dallas TX 75204 Telephone: (214) 827-8777; Fax: (214) 827-8622 Lab Name: Allen Reproductive Center Laboratory Accreditation: CAP

Texas Center for Reproductive Health Barnett Tower 3600 Gaston Ave, Suite 504 Dallas TX 75246 Telephone: (214) 821-2274; Fax: (214) 821-2373 Lab Name: Texas Center for Reproductive Health Laboratory Accreditation: CAP

Southwest Center for Reproductive Health, PA 700 S. Mesa Hills Dr El Paso TX 79912 Telephone: (915) 842-9998; Fax: (915) 842-9972 Lab Name: Southwest Center for Reproductive Health, PA Laboratory Accreditation: None

§Brooke Army Medical Center
Department of Obstetrics & Gynecology
3551 Roger Brooke Dr
Fort Sam Houston TX 78234
Telephone: (210) 916-6305; Fax: (210) 916-6350
Lab Name: BAMC IVF Laboratory
Accreditation: CAP

Fort Worth Fertility, PA 1800 Mistletoe Blvd Fort Worth TX 76104 Telephone: (817) 348-8145; Fax: (817) 348-8264 Lab Name: Texas Reproductive Center Laboratory Accreditation: CAP

CCRM Dallas-Fort Worth 8380 Warren Pkwy, Suite 201 Frisco TX 75034 Telephone: (972) 377-2625; Fax: (972) 377-2667 Lab Name: CCRM Dallas-Fort Worth Laboratory Accreditation: CAP, NYSTB (Pend)

Dallas IVF 2840 Legacy Dr, Bldg 1, Suite 100 Frisco TX 75034 Telephone: (214) 297-0027; Fax: (214) 297-0034 Lab Name: Dallas IVF Laboratory Accreditation: CAP

Fertility Specialists of Texas, PLLC 5757 Warren Pkwy, Suite 300 Frisco TX 75034 Telephone: (214) 618-2044; Fax: (214) 618-7838 Lab Name: Fertility Specialists of Texas Laboratory Accreditation: CAP

Advanced Fertility Center of Texas 10901 Katy Freeway Houston TX 77079 Telephone: (713) 467-4488; Fax: (713) 467-9499 Lab Name: Center for Women's Medicine IVF Laboratory Accreditation: CAP

Aspire Fertility-Houston 7515 S. Main St, Suite 500 Houston TX 77030 Telephone: (713) 512-7900; Fax: (713) 396-3854 Lab Name: Aspire Fertility-Houston Laboratory Accreditation: CAP Cooper Institute for Advanced Reproductive Medicine 7500 Beechnut St, Suite 308 Houston TX 77074 Telephone: (713) 771-9771; Fax: (713) 771-9773 Lab Name: Cooper Institute Reproductive Laboratory Accreditation: None

Family Fertility Center Texas Children's Pavilion for Women 6651 Main St, Suite E350 Houston TX 77030 Telephone: (832) 826-7463; Fax: (832) 825-9413 Lab Name: Family Fertility Center IVF Laboratory Accreditation: CAP

Houston Fertility Institute 2500 Fondren Rd, Suite 300 Houston TX 77063 Telephone: (832) 237-1434; Fax: (832) 237-1436 Lab Name: New Houston Health IVF Laboratory Accreditation: CAP

Houston Infertility Clinic Sonja Kristiansen, MD 9055 Katy Freeway, Suite 450 Houston TX 77024 Telephone: (713) 862-6181; Fax: (713) 827-0994 Lab Name: Houston Infertility Clinic Laboratory Accreditation: CAP

Houston IVF dba CCRM Houston 929 Gessner Rd, Suite 2300 Houston TX 77024 Telephone: (713) 465-1211; Fax: (713) 550-1475 Lab Name: Houston IVF dba CCRM Houston Laboratory Accreditation: CAP

Conceive Fertility Center 6750 N. MacArthur Blvd, Suite 100 Irving TX 75039 Telephone: (214) 224-0778; Fax: (214) 224-0779 Lab Name: Allen Reproductive Center Laboratory Accreditation: CAP IVFMD-Irving 7501 Las Colinas Blvd, Suite 200A Irving TX 75063 Telephone: (972) 506-9986; Fax: (972) 506-0044 Lab Name: IVFMD, Advanced Reproductive Laboratory Accreditation: CAP

The Centre for Reproductive Medicine 3405 22nd St, Suite 300 Lubbock TX 79410 Telephone: (806) 788-1212; Fax: (806) 788-1253 Lab Name: The Centre for Reproductive Medicine Laboratory Accreditation: CAP

Texas Tech University Health Sciences Center Center for Fertility and Reproductive Surgery 808 Joliet Ave, Suite 230 Lubbock TX 79415 Telephone: (806) 743-4256; Fax: (806) 743-4462 Lab Name: Texas Tech University Health Sciences Center IVF Laboratory Accreditation: CAP

Reproductive Institute of South Texas 110 E. Savannah Ave, Bldg B, Suite 103 McAllen TX 78503 Telephone: (956) 687-2693; Fax: (956) 687-2829 Lab Name: Reproductive Institute of South Texas Laboratory Accreditation: CAP

Advanced Fertility Centers, PLLC 420 E. 6th St, Suite 101 Odessa TX 79761 Telephone: (432) 614-6376; Fax: (432) 614-6377 Lab Name: Odessa Fertility Laboratory Accreditation: CAP

IVF Plano
6300 W. Parker Rd, MOB 2, Suite G28
Plano TX 75093
Telephone: (972) 612-2500; Fax: (972) 612-9601
Lab Name: Texas Health Presbyterian Hospital ARTS Laboratory
Accreditation: CAP Texas IVF *Presbyterian Hospital ARTS* 6130 W. Parker Rd, Suite 215 Plano TX 75093 Telephone: (972) 981-7800; Fax: (972) 981-7814 Lab Name: Texas Health Presbyterian Hospital ARTS Laboratory Accreditation: CAP

§Aspire Fertility-San Antonio
150 E. Sonterra Blvd, Suite 220
San Antonio TX 78258
Telephone: (210) 337-8453; Fax: (210) 337-8452
Lab Name: Aspire Fertility-San Antonio Laboratory
Accreditation: CAP

Fertility Center of San Antonio 4499 Medical Dr, Suite 200 San Antonio TX 78229 Telephone: (210) 692-0577; Fax: (210) 615-6788 Lab Name: Fertility Center of San Antonio Laboratory Accreditation: CAP

UT Health San Antonio Reproductive Health and Fertility Center Medical Arts & Research Center 8300 Floyd Curl Dr, 5th Floor San Antonio TX 78229 Telephone: (210) 450-9500; Fax: (210) 450-6027 Lab Name: UT Health San Antonio Reproductive Health and Fertility Center Laboratory Accreditation: CAP

The Heard Institute 2647 Cordes Dr Sugar Land TX 77479 Telephone: (713) 878-0878; Fax: (713) 654-8795 Lab Name: Cooper Institute Reproductive Laboratory Accreditation: None §Scott & White Clinic-Temple
Department of Obstetrics and Gynecology
2401 S. 31st St
Temple TX 76508
Telephone: (254) 724-3389; Fax: (254) 724-1046
Lab Name: Scott & White Clinic-Temple Laboratory
Accreditation: None

HART Fertility Clinic
North Houston Center for Reproductive Medicine, PA
111 Vision Park, Suite 110
The Woodlands TX 77384
Telephone: (281) 444-4784; Fax: (281) 444-0429
Lab Name: HART Fertility Clinic Laboratory
Accreditation: CAP

Center of Reproductive Medicine (CORM) 1015 Medical Center Blvd, Suite 2100 Webster TX 77598 Telephone: (281) 332-0073; Fax: (281) 557-5837 Lab Name: Center of Reproductive Medicine Laboratory Accreditation: CAP

UTAH

Utah Fertility Center 1446 W. Pleasant Grove Blvd Pleasant Grove UT 84062 Telephone: (801) 785-5100; Fax: (801) 785-4597 Lab Name: Utah Fertility Center Laboratory Accreditation: The Joint Commission, NYSTB

Conceptions Fertility Center 1900 N. State St, Suite 105 Provo UT 84604 Telephone: (801) 655-5245; Fax: (801) 704-1260 Lab Name: Conceptions Fertility Center Laboratory Accreditation: CAP Utah Center for Reproductive Medicine 675 Arapeen Dr, Suite 205 Salt Lake City UT 84108 Telephone: (801) 581-3834; Fax: (801) 585-2231 Lab Name: University of Utah School of Medicine Andrology/Embryology Laboratory Accreditation: CAP

Reproductive Care Center 10150 Petunia Way Sandy UT 84092 Telephone: (801) 878-8888; Fax: (801) 878-8890 Lab Name: Reproductive Care Center Andrology and Embryology Laboratory Accreditation: CAP

VERMONT

University of Vermont Medical Center Vermont Center for Reproductive Medicine 111 Colchester Ave, Main Campus, Main Pavilion, Level 4 Burlington VT 05401 Telephone: (802) 847-1249; Fax: (802) 847-0111 Lab Name: University of Vermont Medical Center, Vermont Center for Reproductive Medicine Laboratory Accreditation: CAP

Northeastern Reproductive Medicine 105 W. View Rd, Suite 302 Colchester VT 05446 Telephone: (802) 655-8888; Fax: (802) 497-3371 Lab Name: Northeastern Reproductive Medicine Laboratory Accreditation: CAP

VIRGINIA

Washington Fertility Center 4316 Evergreen Ln Annandale VA 22003 Telephone: (703) 658-3100; Fax: (703) 658-3103 Lab Name: Washington Fertility Center Reproductive Laboratories Accreditation: CAP Dominion Fertility and Endocrinology 4040 N. Fairfax Dr, Suite 600 Arlington VA 22203 Telephone: (703) 920-3890; Fax: (703) 892-6037 Lab Name: Dominion Fertility and Endocrinology Laboratory Accreditation: CAP

Virginia Fertility & IVF
Reproductive Medicine and Surgery Center of Virginia, PLC
595 Martha Jefferson Dr, Suite 390
Charlottesville VA 22911
Telephone: (434) 654-8520; Fax: (434) 654-8521
Lab Name: Virginia Fertility & IVF Laboratory
Accreditation: CAP

Genetics & IVF Institute 3015 Williams Dr Fairfax VA 22031 Telephone: (703) 698-3912; Fax: (703) 207-9183 Lab Name: Genetics & IVF Institute Laboratory Accreditation: CAP, NYSTB

Jones Institute for Reproductive Medicine 601 Colley Ave Norfolk VA 23507 Telephone: (757) 446-7100; Fax: (757) 446-7455 Lab Name: Jones Institute for Reproductive Medicine Embryology Laboratory Accreditation: CAP

Virginia Center for Reproductive Medicine 11150 Sunset Hills Rd, Suite 100 Reston VA 20190 Telephone: (703) 437-7722; Fax: (703) 437-0066 Lab Name: Virginia Reproductive Labs Accreditation: CAP

Shady Grove Fertility-Richmond 9030 Stony Point Pkwy, Suite 450 Richmond VA 23235 Telephone: (804) 379-9000; Fax: (804) 323-0236 Lab Name: Virginia IVF and Andrology Center Laboratory Accreditation: None VCU Reproductive Medicine 9109 Stony Point Dr Richmond VA 23235 Telephone: (804) 327-8820; Fax: (804) 237-6637 Lab Name: Virginia IVF and Andrology Center Laboratory Accreditation: None Lab Name: VCU Reproductive Medicine Laboratory Accreditation: CAP

Carilion Clinic Reproductive Medicine and Fertility 1231 S. Jefferson St Roanoke VA 24016 Telephone: (540) 985-8078; Fax: (540) 344-1825 Lab Name: UNC Fertility Laboratory Accreditation: CAP

CCRM Northern Virginia 8010 Towers Crescent Dr, 5th Floor Vienna VA 22182 Telephone: (571) 789-2100; Fax: (571) 789-2101 Lab Name: CCRM Northern Virginia Laboratory Accreditation: CAP, NYSTB

The New Hope Center for Reproductive Medicine 448 Viking Dr, Suite 100 Virginia Beach VA 23452 Telephone: (757) 496-5370; Fax: (757) 481-3354 Lab Name: The New Hope Center for Reproductive Medicine Laboratory Accreditation: CAP

WASHINGTON

ORM Fertility Bellevue 1370 116th Ave N.E., Suite 100 Bellevue WA 98004 Telephone: (425) 458-2622; Fax: (503) 274-4946 Lab Name: ORM Fertility-Bellevue Laboratory Accreditation: CAP (Pend) Overlake Reproductive Health, Inc., PS 11232 N.E. 15th St, Suite 201 Bellevue WA 98004 Telephone: (425) 646-4700; Fax: (425) 646-1076 Lab Name: Overlake Reproductive Health Laboratory, LLC Accreditation: The Joint Commission

Poma Fertility 12039 N.E. 128th St, Suite 110 Kirkland WA 98034 Telephone: (425) 822-7662; Fax: (425) 822-0172 Lab Name: Poma Fertility Laboratory Accreditation: The Joint Commission

Olympia Women's Health 403 Black Hills Ln S.W., Suite E Olympia WA 98502 Telephone: (360) 786-1515; Fax: (360) 754-7476 Lab Name: Olympia Fertility Laboratory Accreditation: The Joint Commission

Pacific Northwest Fertility and IVF Specialists 1101 Madison St, Suite 1050 Seattle WA 98104 Telephone: (206) 515-0000; Fax: (206) 515-0001 Lab Name: Pacific Northwest Fertility and IVF Specialists Laboratory Accreditation: CAP

Seattle Reproductive Medicine 1505 Westlake Ave North, Suite 400 Seattle WA 98109 Telephone: (206) 301-5000; Fax: (206) 285-1119 Lab Name: Seattle Reproductive Medicine Laboratory Accreditation: CAP, NYSTB

Sound Fertility Care, PLLC 509 Olive Way, Suite 501 Seattle WA 98101 Telephone: (206) 651-4432; Fax: (206) 793-7999 Lab Name: Poma Fertility Laboratory Accreditation: The Joint Commission University Reproductive Care University of Washington 4245 Roosevelt Way N.E., 3rd Floor Seattle WA 98105 Telephone: (206) 598-4225; Fax: (206) 598-7080 Lab Name: University Reproductive Care Laboratory Accreditation: CAP

Center for Reproductive Health 201 W. North River Dr, Suite 100 Spokane WA 99201 Telephone: (509) 462-7070; Fax: (509) 462-7071 Lab Name: Center for Reproductive Health Laboratory Accreditation: The Joint Commission

SRM Spokane 15920 E. Indiana Ave, Suite 200 Spokane Valley WA 99216 Telephone: (206) 301-5000; Fax: (206) 301-5679 Lab Name: SRM Spokane Laboratory Accreditation: CAP

§Madigan Army Medical Center
Department of Obstetrics and Gynecology
9040A Jackson Ave
Tacoma WA 98431
Telephone: (253) 968-3783; Fax: (253) 968-5295
Lab Name: Seattle Reproductive Medicine Laboratory
Accreditation: CAP, NYSTB

WEST VIRGINIA

Cabell Huntington Hospital Center for Advanced Reproductive Medicine 1600 Medical Center Dr, Suite 4500 Huntington WV 25701 Telephone: (304) 526-2602; Fax: (304) 781-4244 Lab Name: Cabell Huntington Hospital, Center for Advanced Reproductive Medicine Laboratory Accreditation: The Joint Commission §West Virginia University Center for Reproductive Medicine
1322 Pineview Dr, Suite 2
Morgantown WV 26505
Telephone: (304) 598-3100; Fax: (304) 598-8301
Lab Name: West Virginia University Center for Reproductive Medicine Laboratory
Accreditation: CAP

WISCONSIN

Aurora Health Care-Aurora Fertility Services
The Women's Center at Aurora BayCare Medical Center
2845 Greenbrier Rd, Suite 350
Green Bay WI 54311
Telephone: (920) 288-8500; Fax: (920) 288-8570
Lab Name: Aurora Health Care-Aurora Fertility Services, Green Bay Laboratory
Accreditation: CAP

Froedtert & Medical College of Wisconsin Reproductive Medicine Center North Hills Health Center W129 N7055 Northfield Dr, Bldg B, Suite 500 Menomonee Falls WI 53051 Telephone: (262) 253-9220; Fax: (262) 253-9221 Lab Name: Froedtert Hospital Reproductive Medicine Center Laboratory Accreditation: CAP

University of Wisconsin-Generations Fertility Care 2365 Deming Way Middleton WI 53562 Telephone: (608) 824-6160; Fax: (608) 827-3040 Lab Name: Generations Fertility Care, Inc., Andrology and Embryology Laboratory Accreditation: CAP

Wisconsin Fertility Institute 3146 Deming Way Middleton WI 53562 Telephone: (608) 824-0075; Fax: (608) 829-0748 Lab Name: Wisconsin Fertility Institute Laboratory Accreditation: CAP Reproductive Specialty Center 2350 N. Lake Dr, Suite 504 Milwaukee WI 53211 Telephone: (414) 289-9668; Fax: (414) 289-0974 Lab Name: Reproductive Specialty Center Laboratory Accreditation: CAP

Aurora Health Care-Aurora Fertility Services, West Allis West Allis Memorial Hospital 8901 W. Lincoln Ave, 2nd Floor West Allis WI 53227 Telephone: (414) 329-4300; Fax: (414) 329-4399 Lab Name: Aurora Health Care-Aurora Fertility Services, West Allis Laboratory Accreditation: CAP

2019 Nonreporting Clinics, by State

The clinics listed below provided ART services and were in operation as of January 1, 2019, and accordingly were required to submit ART cycle data under the provisions of the Fertility Clinic Success Rate and Certification Act passed by the US Congress. These clinics either failed to submit data or the clinic's medical director did not approve the clinic's 2019 ART data for inclusion in this report.

Consumers who are aware of a clinic that was in operation in 2019 but is not included in this report's lists of either reporting or nonreporting clinics are encouraged to contact us with the complete name, mailing address, and telephone number of the clinic, by e-mail at <u>artinfo@cdc.gov</u>. Providing this information will help ensure that clinics that should be in the report will be included in upcoming years.

Clinic names preceded by the † symbol have closed since January 1, 2019.

America Institute of Reproductive Medicine-Alabama 2006 Brookwood Medical Center, Suite 302 Birmingham AL 35209 Telephone: (205) 307-0484; Fax: (866) 829-2082

Huntsville Reproductive Medicine, PC 20 Hughes Rd, Suite 203 Madison AL 35758 Telephone: (256) 213-2229; Fax: (256) 213-9978

†University of South Alabama IVF and ART Program
1601 Center St, Suite 3F
Mobile AL 36604
Telephone: (251) 415-1491; Fax: (251) 415-1552

†Troché Fertility Centers 17612 N. 59th Ave Glendale AZ 85308 Telephone: (602) 993-8636; Fax: (602) 993-2528

†Boston IVF, The Arizona Center, LLC 8901 E. Mountain View Rd, Suite 201 Scottsdale AZ 85258

Telephone: (480) 559-0252; Fax: (480) 661-4141 Fertility Centers of Orange County 2500 Alton Pkwy, Suite 201 Irvine CA 92606 Telephone: (949) 387-3888; Fax: (949) 387-3907 La Jolla IVF 9850 Genesee Ave, Suite 610 La Jolla CA 92037 Telephone: (858) 558-2221; Fax: (858) 558-2263

Acacio Fertility Center 27882 Forbes Rd, Suite 200 Laguna Niguel CA 92677 Telephone: (949) 249-9200; Fax: (949) 249-9203

LA IVF Clinic 2080 Century Park East, Suite 400 Los Angeles CA 90067 Telephone: (310) 286-2800; Fax: (310) 691-1116

Hanabusa IVF 4910 Directors PI, Suite 150 San Diego CA 92121 Telephone: (855) 360-6730; Fax: (858) 630-5552

Naval Medical Center San Diego Infertility Clinic 34800 Bob Wilson Dr San Diego CA 92134 Telephone: (619) 532-5363; Fax: (619) 532-6382

Williams OB/GYN & Associates 1334 W. Covina Blvd, Suite 102 San Dimas CA 91773 Telephone: (909) 599-8677; Fax: (909) 592-0999

Dr. Aimee Eyvazzadeh 5401 Norris Canyon Rd, Suite 106 San Ramon CA 94583 Telephone: (925) 277-0600; Fax: (925) 277-0801 Fertility Center of Orlando 1000 N. Maitland Ave Maitland FL 32751 Telephone: (407) 345-9006; Fax: (407) 345-9007

†University of South Florida IVF 2 Tampa General Cir, 6th Floor Tampa FL 33606 Telephone: (813) 259-0692; Fax: (813) 259-0882

Aspire Fertility-Atlanta 6 Concourse Pkwy, Suite 250 Atlanta GA 30328 Telephone: (678) 274-6760; Fax: (678) 274-6761

Pathways Fertility 3193 Howell Mill Rd N.W., Suite 214 Atlanta GA 30327 Telephone: (404) 228-7199; Fax: (404) 963-7670

†Rush-Copley Center for Reproductive Health2040 Ogden Ave, Suite 107Aurora IL 60504Telephone: (630) 978-6254; Fax: (630) 499-2487

†Hinsdale Center for Reproduction121 N. Elm StHinsdale IL 60521Telephone: (630) 856-3535; Fax: (630) 856-3545

Reproductive Health Specialists, Ltd. 1515 Essington Rd Joliet IL 60435 Telephone: (815) 730-1100; Fax: (815) 730-1066

†Fertility First Reproductive Endocrine Services 6420 Dutchmans Pkwy, Suite 395 Louisville KY 40205 Telephone: (502) 749-6420; Fax: (502) 749-6426

Siu Ng-Wagner, MD 14955 Shady Grove Rd, Suite 125 Rockville MD 20850 Telephone: (301) 340-1495; Fax: (301) 838-9712 †Fertility Center of Maryland110 West Rd, Suite 102Towson MD 21204Telephone: (410) 296-6400; Fax: (410) 296-6405

Brenda L. Moskovitz, MD, PC 415 E. Maple Rd, Suite 101 Troy MI 48083 Telephone: (248) 524-1001; Fax: (248) 528-2533

†Delaware Valley OBGYN & Infertility Group, PC Princeton IVF 2 Princess Rd, Suite C Lawrenceville NJ 08648 Telephone: (609) 896-0777; Fax: (609) 896-3266

Westchester Reproductive Medicine 344 E. Main St, Suite 403 Mount Kisco NY 10549 Telephone: (914) 218-8955; Fax: (914) 218-8956

†Andrew Loucopoulos, MD, PhD 1001 Fifth Ave New York NY 10028 Telephone: (212) 472-7186; Fax: (212) 472-8608

†New York Fertility Services, PC16 E. 40th St, 2nd FloorNew York NY 10016Telephone: (212) 679-2289; Fax: (212) 679-2288

New York Reproductive Medical Services, PC 133 E. 58th St, Suite 1002 New York NY 10022 Telephone: (212) 317-8700; Fax: (877) 396-8029

†Offices for Fertility and Reproductive Medicine, PC New York NY

Braverman Reproductive Immunology, PC 800 Woodbury Rd, Suite G Woodbury NY 11797 Telephone: (516) 584-8710; Fax: (516) 584-8711

Northwest Fertility Center 1750 S.W. Harbor Way, Suite 200 Portland OR 97201 Telephone: (503) 227-7799; Fax: (503) 227-5452 GENES Fertility Institute Doral Bank Center 576 César González Ave, Suite 505 San Juan PR 00918 Telephone: (787) 767-2220; Fax: (787) 767-7781

†The Fertility Center of Charleston 1280 Hospital Dr, Suite 300 Mount Pleasant SC 29464 Telephone: (843) 881-7400; Fax: (843) 881-7444

†Regional One Health Reproductive Medicine6555 Quince Rd, Suite 501Memphis TN 38119Telephone: (901) 515-3100; Fax: (901) 515-3199

IVF Institute, PA 7777 Forest Ln, Suite C-108 Dallas TX 75230 Telephone: (972) 566-6868; Fax: (972) 566-6860

The Women's Place 950 Scotland Dr DeSoto TX 75115 Telephone: (972) 709-9777; Fax: (972) 709-8300 Office of Frank DeLeon, MD 1300 W. Terrell Ave, Suite 320 Fort Worth TX 76104 Telephone: (817) 735-2300; Fax: (817) 882-8653

†Institute for Women's Health Advanced Fertility Center 18707 Hardy Oak Blvd, Suite 500 San Antonio TX 78258 Telephone: (210) 616-0680; Fax: (210) 616-0684

East Bay Fertility Center 746 E. 1910 South, Suite 1 Provo UT 84606 Telephone: (801) 377-0580; Fax: (801) 375-5582

†Bellingham IVF & Infertility Care 2980 Squalicum Pkwy, Suite 103 Bellingham WA 98225 Telephone: (360) 715-8124; Fax: (360) 715-8126

2019

Appendix D: Accessible Explanations of Figures


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Figure 1. This pie chart shows the distribution of ART use in 2019 by 5 patient age groups. Percentages for each age group were as follows: 36.7% were younger than age 35, 23.0% were aged 35 to 37, 19.9% were aged 38 to 40, 9.5% were aged 41 to 42, and 10.9% were older than age 42.

Figure 2. This pie chart shows the outcomes of clinical pregnancies from ART cycles performed in 2019. Of these pregnancies, 75.9% resulted in the birth of a single infant, 6.1% resulted in the birth of multiple infants, 15.8% resulted in miscarriage, 0.5% resulted in stillbirth, and 1.6% was reported as other or unknown.

Figure 3. This horizontal line graph shows the percentage of embryo transfers that resulted in livebirth delivery in 2019 by patient age and egg or embryo source. The vertical Y-axis presents percentages from 0% to 60% in increments of 10. The horizontal X-axis presents patient age, from younger than age 30 to older than age 45. The first line shows that the percentage of embryo transfers that used donor eggs or embryos decreased with patient age, from 49.3% to 39.2%. The second line shows that the percentage of embryo transfers that used patient eggs or embryos decreased with age, from 43.2% to 9.7%.

Figure 4. This horizontal bar graph shows the reported reasons for using ART in 2019. The vertical Y-axis presents 13 reasons for using ART. The horizontal X-axis presents percentages from 0% to 40% in increments of 5. Percentages for each reason were as follows: 36.8% egg or embryo banking, 28.6% diminished ovarian reserve, 27.5% male factor infertility, 26.8% other reasons related to infertility, 15.1% preimplantation genetic testing, 13.9% ovulatory dysfunction, 10.8% unexplained factor, 10.5% tubal factor, 6.6% endometriosis, 6.3% uterine factor, 5.5% recurrent pregnancy loss, 4.8% other reasons not related to infertility, and 1.9% gestational carrier.

Figure 5. This vertical bar graph shows the percentage of infants conceived using ART procedures started in 2019 who were born preterm or with low birth weight. The vertical Y-axis presents percentages from 0% to 100% in increments of 10. The horizontal X-axis presents the type of live-birth delivery. Among single infants born from single-fetus pregnancies, 11.8% were preterm and 11.8% were low birth weight. Among single infants born from multiple-fetus pregnancies, 23.7% were preterm and 24.5% were low birth weight. Among twin infants, 59.8% were preterm and 56.5% were low birth weight. Among triplet or more infants, 95.0% were preterm and 97.2% were low birth weight.

Figure 6. This horizontal line graph shows the number of ART cycles, embryo transfers, and banking cycles performed and the number of live-birth deliveries that resulted from 2010 through 2019. The vertical Y-axis presents numbers from 0 to 350,000 in increments of 50,000. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The number of ART cycles started increased from 154,427 in 2010 to 330,773 in 2019. Embryo transfers increased from 125,399 in 2010 to 171,206 in 2019. Banking cycles increased from 7,163 in 2010 to 121,086 in 2019. Live-birth deliveries increased from 47,104 in 2010 to 77,998 in 2019.

Figure 7. This horizontal line graph shows the number of ART cycles performed from 2010 through 2019 by egg or embryo source. The vertical Y-axis presents numbers from 0 to 140,000 in increments of 20,000. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The number of cycles performed using embryos from fresh patient eggs decreased from 100,824 in 2010 to 56,369 in 2019. Cycles performed using embryos from frozen patient eggs or embryos increased from 28,425 in 2010 to 126,187 in 2019. Cycles performed using embryos from fresh donor eggs decreased from 10,849 in 2010 to 2,138 in 2019. Cycles performed using embryos from frozen donor eggs or embryos increased from 7,162 in 2010 to 24,993 in 2019.

Figure 8. This combined vertical bar graph and horizontal line graph shows the number and percentage of embryo transfers that used a gestational carrier from 2010 through 2019. The left vertical Y-axis presents numbers from 0 to 10,000 in increments of 1,000. The right vertical Y-axis presents percentages from 0% to 6.0% in increments of 0.5%. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The number of cycles that used a gestational carrier increased from 2,649 in 2010 to 9,195 in 2019. The percentage of cycles that used a gestational carrier also increased, from 2.1% in 2010 to 5.4% in 2019.

Figure 9. This horizontal line graph shows the percentage of embryo transfers in which a single embryo was transferred from 2010 through 2019. The vertical Y-axis presents percentages from 0% to 90% in increments of 10. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The percentage of embryo transfers that used a single embryo increased from 18.2% in 2010 to 77.3% in 2019.

Figure 10. This horizontal line graph shows the percentage of ART cycles that resulted in live-birth deliveries from 2010 through 2019 by patient age group. The vertical Y-axis presents percentages from 10% to 50% in increments of 5. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The percentage of ART cycles that resulted in live-birth deliveries increased from 32.0% in 2010 to 37.2% in 2019 for all age groups combined. The percentage increased from 40.3% in 2010 to 42.4% in 2019 for patients younger than age 35, from 32.7% in 2010 to 38.9% in 2019 for patients aged 35 to 37, from 25.2% in 2010 to 33.7% in 2010 to 28.5% in 2019 for patients older than age 40.

Figure 11. This vertical bar graph shows the number of infants born from 2010 through 2019 who were conceived using ART. The vertical Y-axis presents numbers from 0 to 90,000 in increments of 10,000. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The number of infants born was 61,556 in 2010, 61,599 in 2011, 65,151 in 2012, 67,996 in 2013, 68,782 in 2014, 71,152 in 2015, 76,914 in 2016, 78,052 in 2017, 81,478 in 2018, and 83,946 in 2019.

Figure 12. This horizontal line graph shows the percentage of embryo transfers that resulted in the live-birth delivery of singletons, twins, or triplets or more from 2010 through 2019. The vertical Y-axis presents percentages from 0% to 40% in increments of 5. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The first line shows that the percentage of embryo transfers that resulted in singletons increased from 22.6% in 2010 to 34.4% in 2019. The second line shows that the percentage of embryo transfers that resulted in twins decreased from 9.0% in 2010 to 2.7% in 2019. The third line shows that the percentage of embryo transfers that resulted in triplets or more decreased from 0.4% in 2010 to 0.06% in 2019.

Figure 13. This vertical stacked bar graph shows the percentage of infants conceived using ART cycles that resulted in the live-birth delivery of singletons, twins, or triplets or more from 2010 through 2019. The vertical Y-axis presents 0% to 100% in increments of 20. The horizontal X-axis presents the data reporting year, from 2010 through 2019. The first stack shows that the percentage of infants who were part of a singleton live-birth delivery increased from 70.6% in 2010 to 92.5% in 2019. The second stack shows that the percentage of infants who were part of a twin live-birth delivery decreased from 28.1% in 2010 to 7.3% in 2019. The third stack shows that the percentage of infants who were part of a triplet or more live-birth delivery decreased from 1.3% in 2010 to 0.2% in 2019.

US Department of Health and Human Services Centers for Disease Control and Prevention National Center for Chronic Disease Prevention and Health Promotion Division of Reproductive Health

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