2022 Validation Report

Review for: ARC® Fertility

Validation Achieved: Outcomes

Valid through: October 2023

Company Profile

Category: **Specialty Fertility**

Website: arcfertility.com/employer

Public or Private: Private

Year Established: 1997

CEO: David Adamson

Company contact: info@arcfertility.com

Description:

Advanced Reproductive Care, Inc. (ARC Fertility) is the nation's largest network of fertility clinics. Founded by Dr. David Adamson, a board-certified Reproductive Endocrinologist, **ARC** has been providing affordable treatment options that have helped tens of thousands of people build their families since 1997. The physicians, who are carefully selected to be part of the **ARC** network, are dedicated to providing the highest quality patient care and support services for employees, members, and consumers. **ARC** offers increased access to affordable and highest quality care for employees, members, and consumers through their vetted national network of fertility specialists. **ARC** is the leading national network of fertility experts offering inclusive and comprehensive solutions to couples and individuals for every type of family building.

Claim Assertion for Validation

ARC Fertility clinics' patients have a lower rate of multiple births (twins, triplets and higher) than all other US clinics' average. Multiple births impact the health and the medical costs for mothers and babies.

Method / Calculation / Examples

From the Society for Assisted Reproductive Technology (SART) 2018 Annual Summary Report (Society for Assisted Reproductive Technology, 2018), a rate of multiple births was calculated for non-ARC clinics. SART members in 2018 represented 86% of all fertility clinics in the United States. (Society for Assisted Reproductive Technology , 2018)

The denominator is the total number of cycle starts for women undergoing ovarian stimulation with the intention to use their own eggs to have a baby; the numerator is the number of live multiple births resulting from those cycles. A cycle is counted when a woman starts medications to prepare for an ART procedure. In the case of a "natural" cycle when no medications are used, the cycle starts the first day of a menstrual cycle when an ART procedure is planned for that month.

The same calculation was performed on ARC Fertility clinic patients' data. ARC Fertility's rate of multiples was then compared to non-ARC clinics reporting to SART.

Findings & Validation

In 2018, SART reported a total of 93,100 non-ARC cycle starts. Of those resulting in a live birth, 9.508% were twins and 0.194% were triplets or more. In 2018, ARC Fertility had 28,059 cycle starts. Of those resulting in a live birth, 7.834% were twins and 0.136% were triplets or more. See Graph 1 below. ARC Fertility's rate of twins is 21.37% lower than the non-ARC clinic average.

If ARC Fertility had performed at non-ARC clinic average rate, patients in its clinics would have had 363 more sets of twins and 12 more sets of triplets.
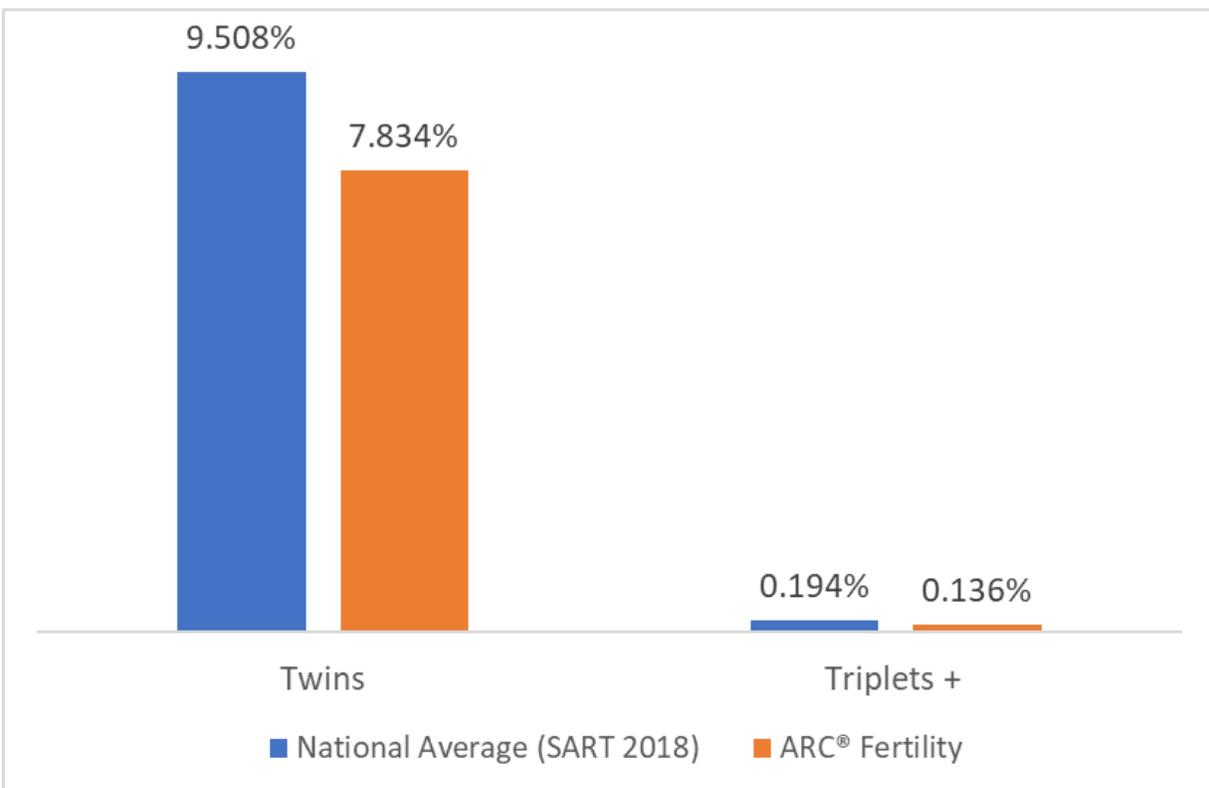
Graph 1: ARC® Fertility & SART Rate of Multiple Births, 2018

Limitations

This analysis does not address whether ARC Fertility patients differ from the patients reflected in the SART statistics.

Work Cited

Society for Assisted Reproductive Technology. (2018). What is SART.
Retrieved from SART :
https://www.sart.org/patients/what-is-
sart/#:~:text=Mission%20Statement%20%7C%20SART%20Executive%20Council%2
0%7C%20Contact%20Us&text=In%202018%2C%2086%25%20of%20IVF,quality%
2C%20safety%20and%20patient%20care.

Society for Assisted Reproductive Technology. (2018). National Summary Report.
Retrieved from SART:
https://www.sartcorsonline.com/rptCSR_PublicMultYear.aspx?reportingYear=2018

Validation and Credibility Guarantee

ARC® Fertility Clinic Services achieved validation for Outcomes. Validation Institute is willing to provide up to a $25,000 guarantee as part of their Credibility Guarantee Program. To learn more, visit https://validationinstitute.com/credibility-guarantee/.

Savings
Can reduce health care spending per case/participant or for the plan/purchaser overall.

Outcomes
Product/solution has measurably improved an outcome (risk, hba1c, events, employee retention, etc.) of importance.

Metrics
Credible sources and valid assumptions create a reasonable estimate of a program's impact.

Contractual Integrity
Vendor is willing to put a part of their fees "at risk" as a guarantee.

CERTIFICATE OF VALIDATION

Applicant: **ARC® Fertility**

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Cupertino, CA 95014

Product: ARC Fertility Clinic Services

Claim: ARC Fertility clinics' patients have a lower rate of multiple births (twins, triplets and higher) than non-ARC clinics.

Validation Achieved: **Validated for Outcomes**

Validation Award Date: November 2021
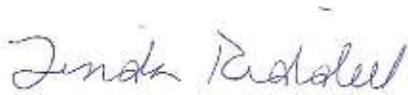
Linda Riddell
VP, Population Health Scientist
Validation Institute

Benny DiCecca
Chief Executive Officer
Validation Institute

About Validation Institute

Validation Institute is a professional community that advocates for organizations and approaches that deliver better health value - stronger health outcomes at lower cost. We connect, train, and certify health care purchasers, and we validate and connect providers delivering superior results. Founded in 2014, the mission of the organization has consistently been to help provide transparency to buyers of health care.

Validation Review Process

Validation Institute has a team of epidemiologists and statisticians who review each program. The team focuses on three components:

- Evidence from published literature that a similar intervention had similar results.
- The reliability and credibility of the data sources.
- The rigor of the approach to calculating results.

To achieve validation, the program has to satisfy each of these components. VI's team then summarizes the review into a report which is publicly available. Details of VI's review are available with the program's permission.