

OptumHealthSM

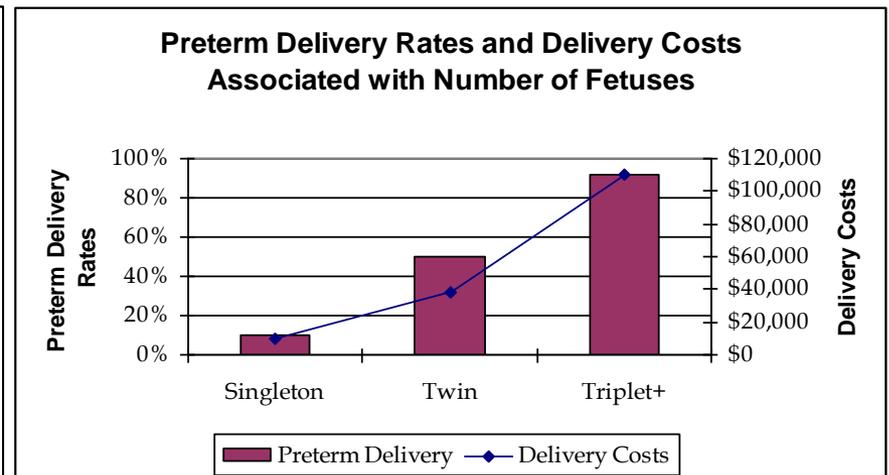
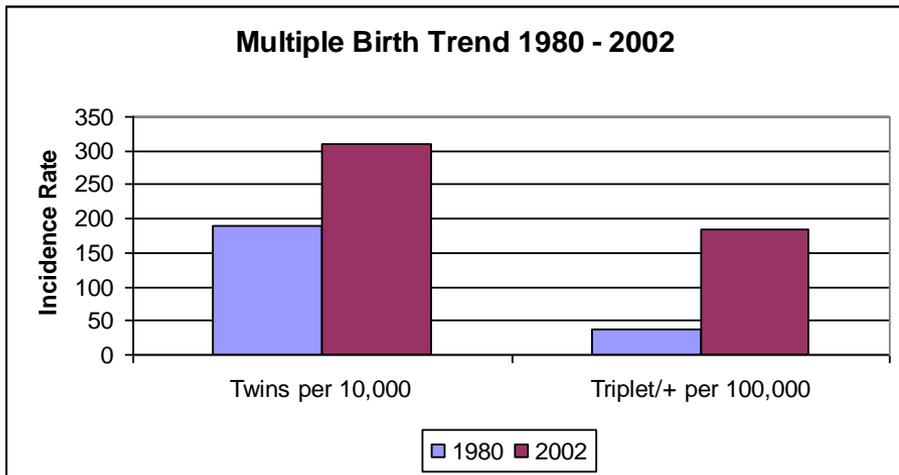
ParentSteps[®] Overview

Multiple births have increased significantly

The incidence of twins and higher order multiple births has increased significantly over the past 25 years.

- From 1980 to 2002, twin births have risen 65% and triplet+ births have risen 500% .⁽¹⁾
- Twins and triplets are more likely to be delivered preterm (50% and 92% respectively) and ultimately admitted to the NICU.⁽²⁾

The estimated annual cost of care for multiple births as a result of advanced reproductive technology (ART) in the United States is \$640 million.⁽²⁾



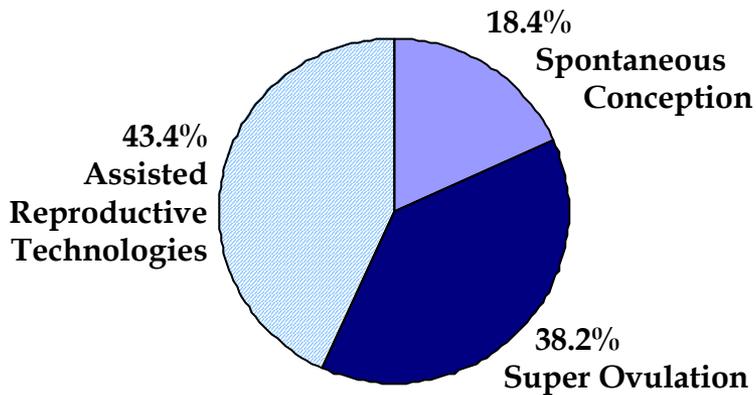
⁽¹⁾ National Vital Statistics Reports, Vol. 52, No. 10, December 17, 2003

⁽²⁾ American Society for Reproductive Medicine "Multiple Pregnancy Associated with Infertility Therapy" November 2000. Consideration for current spend should include increased usages of ART, but decrease in resulting multiples

Infertility treatments are largely responsible for higher order multiples

- 10% of couples experience infertility and half of those seek treatment. ¹
- Of those seeking treatment, over 50% pursue IVF and super-ovulation, both of which have significant risks of producing multiples. ¹

Infertility's Contribution to Triplet + Births ⁽²⁾



Growth in higher order multiples (triplet+) for every 100,000 live births ⁶

1971	29
1980	37
1998	193.5
2000	180.5
2003	187.4

- 92% of triplets are born premature. ⁽³⁾
- 12% of babies in the NICU are from infertility. ⁽⁵⁾

1 Serono data on file

2 MMWR Weekly, June 23, 2000

3 "Multiple Gestation: Causes, Epidemiology, and Consequences"

4 Reden & Anders analysis of UHC births

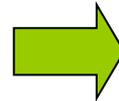
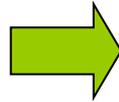
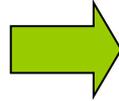
5 RRS analysis of UHC experience

6 MMWR June 23, 2000; National Center for Health Statistics, and National Vital Statistics Reports (NVSR)

ParentSteps is designed to address needs when seeking advanced infertility care without a benefit

Consumer Needs:

- Understand clinical disparities in outcomes
- Clinical education and treatment support, including implications of multiples
- Treatment cycle financial burden



ParentSteps Solution:

- Identify and create a network of top reproductive endocrinologists
- Provide educational content as well as access to clinical nurse consulting to increase outcome-based decision making
- Negotiate discounts with superior reproductive endocrinologists and specialty pharma providers to minimize the incidence of financially driven decision making

ParentSteps offers a comprehensive consumer solution that also mitigates risk to a payer population

By providing significant discounts at top health care providers, and access to experienced infertility nurses, ParentSteps offers access to the highest quality of care for patients while mitigating the risk of higher order multiple births for payers

Condition Management

- Trained infertility nurses provide patient education on causes of infertility, treatment alternatives, appropriateness and efficacy of treatment types, and risks of multiples
- Education on benefits of seeking treatment at a Centers of Excellence
- Ongoing support and access to a single case manager
- Notification to maternity program

Specialty Pharmacy Discounts

- Contractual discounts on select drugs through a pharmacy partner
- Top member customer service and support in medication delivery, available 24/7

Treatment Cycle Discounts

- Negotiated case rate discounts at select providers for members without a benefit
- Case rate discounts for prepayment of select treatment cycles and select additional services. Discounts apply to super ovulation cycles (ovulation induction with insemination) and fresh and frozen in vitro fertilization cycles

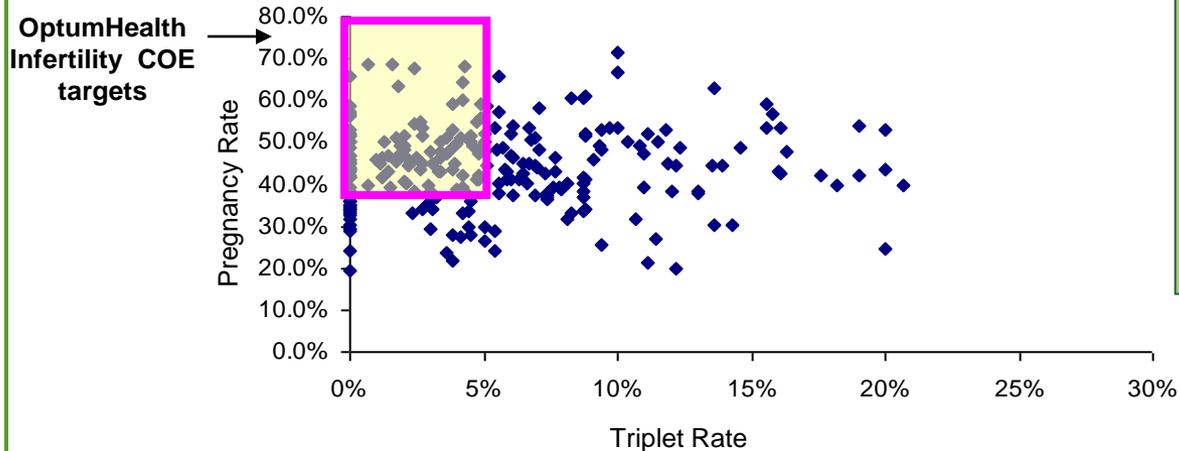
Center of Excellence's superior outcomes result in better results for patients and savings to payers

Contracting with select care facilities (COEs) reduces costs through superior results

- Two key considerations in identifying COEs are high pregnancy rates and low triplet rates

Clinical Outcomes: Triplet vs. Pregnancy Rates*

2004 Pregnancy vs. Triplet Rates <35 Years of Age ⁽¹⁾



Additional OptumHealth Infertility Centers of Excellence Network Qualification Criteria

- Total cycle volume
- Physicians credentials
- Patient selection criteria
- Physician research and publishing
- Availability of additional support services

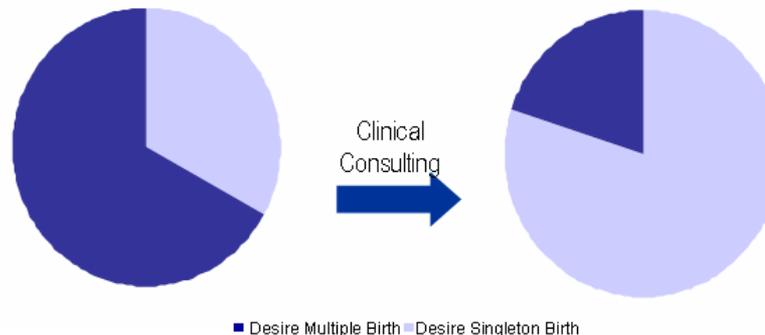
(1) Plotted for fresh IVF cycles for females <35 years of age, using a female's own ovum. Only plots facilities with >19 pregnancies in this age category. Plotted 243 clinics out of 409 reporting in 2004 CDC Assisted Reproductive Technology Success Rate

Patient education by experienced clinical nurses reduces desire for multiples

Member access to experienced clinical case managers provides opportunity to educate patients and influence desire for multiple births

- Over 65% of patients seeking treatment prefer a multiple birth, and can impact their treatment to achieve this outcome
 - Through patient education, clinical nurse consultants are able to reduce the desire for multiple births by 70% (1,2)
- ParentSteps nurses come with extensive field experience with an average of 23 years in the field, and an average of over 9 years specifically working with infertility
 - Once a patient works with one of the nurses, he/she will be able to contact that nurse directly for the remainder of their treatment period

-Desire of Infertility Patients for Multiple Births - Before Patient Education -Desire of Infertility Patients for Multiple Births - After Patient Education



1. Gleicher et al. 1995
2. Child, Henderson and Tan.. 2004

The ParentSteps Web site is the primary tool for members to progress through the program

Home Help Print

ParentSteps®

Username:

Password:

Login Login Help

I am a New User

Home

Learn More

Register

Contact Us

Providing support to help you move toward a successful pregnancy

The ParentSteps discount program offers support to individuals seeking infertility treatment, who have limited or no infertility benefits through their employer or health insurer. Through ParentSteps, our members experience the following advantages to help them achieve a successful pregnancy:

- Medical and Pharmaceutical Savings
- Access to Qualified Providers
- Infertility Expertise Through Nurse Specialists

Access to the ParentSteps program is provided by select employers or health insurers. If you are not sure about your eligibility, please ask your benefits administrator for more information.

ParentSteps®

Seeking infertility treatment can be a stressful and intimidating process. For example, you most likely are facing these types of questions:

- How do I know which doctors are most qualified?
- How can I afford these treatments?
- Which treatments are most likely to help me conceive safely?

Best Infertility Clinics

Access to some of the best infertility clinics in the country.

Discounted Prices

Ability to purchase infertility treatments at discounted prices.

Nurse Specialists

Access to infertility nurse specialists for your questions.

Online Tools

Helpful online tools to manage your treatment plan.

Educational Information

Educational information about your diagnosis and treatment options.

Utilizing ParentSteps is a simple five step process for members

