

## ART at University Community Hospital

ART Statistics January 1 through December, 2003

### INTRODUCTION

This status sheet provides up to date IVF statistics through December, 2003. We are very proud of the level of success that we have achieved at our ART program. We believe that an examination of the following data provides our patients with results that they can rely upon when making significant decisions that have a profound affect on their future.

Most IVF programs, as we do, routinely submit annual ART statistics in a standardized format to SART (Society for Assisted Reproductive Technology). The information that is sent in from the various centers throughout the country are published by the Centers for Disease Control and is available online for public review. Unfortunately, the process of reporting often involves a delay of some two to three years to the time of actual publication. As a consequence, many changes may have occurred in ART programs that are not reflected in the statistics using this "old data". Contemporary information will be more meaningful to help our patients make critical decisions they need to make including where to do their IVF treatment.

The data enclosed will be revised every year. In addition, the cumulative statistics starting from the inception of the program in 1995 will also be included. Further information regarding our programs may be obtained by attending our free monthly patient education nights at the North Tampa office (telephone number 813-914-7304) and from our website [www.floridafertility.com](http://www.floridafertility.com).

### Key Terminology

**Initiated cycle** indicates medication has been initiated to stimulate ovaries to produce follicular stimulation.

**Egg retrieval:** An Attempt is made to obtain eggs or oocytes from the ovary for in vitro fertilization or GIFT.

**Embryo transfer:** The resulting embryos (fertilized eggs) are transferred into the uterus.

**Clinical pregnancy:** A gestational sac is verified and visualized in the uterus by a fetal heart beat.

**Miscarriage (spontaneous abortion):** The loss of a clinical pregnancy prior to 20 weeks gestation.

**Ongoing pregnancy/Delivery:** Pregnancy proceeding beyond 20 weeks gestation.

**Cancellation:** Cycles that may be cancelled following initiation of medication and prior to egg retrieval because of an inadequate response to medications.

**Conventional fertilization:** The union of sperm and oocyte (egg(s)) without microscopic manipulation.

**Intracytoplasmic sperm injection (ICSI):** The mechanical insertion of the sperm into the cytoplasm of the oocyte (egg) to achieve fertilization with many forms of male factor infertility.

## IVF Statistics

<b>IVF Results</b>		
	<b>2003</b>	<b>Cumulative Results 1995 thru 2003</b>
Initiated Cycles	561	3089
Egg Retrievals (ER)	430	2554
Embryo Transfers (ET)	436	2488
Clinical Pregnancies	209	1036
		<b>For years 1999-2003</b>
Clinical Pregnancies per (ET)	209/436=47.9%	718/1660=43.3%
Clinical Pregnancies per (ER)	209/430=48.6%	718/1723=41.7%
Clinical Pregnancies per Initiated Cycle	209/561=37.3%	718/2127=33.8%
<b>Other Assisted Reproductive Technology Results</b>		
	<i>Clinical Pregnancy per Transfer</i>	
IVF - non ICSI	148/271=54.6%	504/1112=45.3%
IVF with ICSI	60/165=37.0%	214/548=39.1%
Frozen Embryo Transfer	11/43=25.6%	14/77=18.2% (by live birth)
Egg Donation	31/62=50.0%	61/124=49.2% (by live birth)
<b>Multiple Pregnancy Rate (by Live Birth)</b>		
	<b>2003</b>	<b>1999 thru 2002</b>
	<i>(per pregnancy)</i>	<i>(by live birth)</i>
Single Pregnancy	152/209=72.7%	271/444=61.0%
Twin Pregnancy	54/209=25.8%	162/444=36.5%
Triplet Pregnancy	3/209=1.4%	11/444=2.50%
<b>Clinical Pregnancy Rate By Age (per Retrieval)</b>		
	<b>2003</b>	
<35	100/199=50.3%	319/689=46.3%
35-37	41/84=48.8%	142/355=40.0%
38-40	29/78=37.2%	107/321=33.2%
≥41	8/37=21.6%	24/155=15.5%
<b>Results by Patient Diagnosis (per Retrieval)</b>		
Tubal	51/105=48.6%	198/499=40.0%
Male Factor	38/107=35.5%	143/402=35.6%
Endometriosis	36/65=55.4%	107/212=50.5%
Unexplained	26/52=50.0%	97/224=43.3%
Diminished Ovarian Reserve	6/28=21.4%	19/87=21.8%
Other	21/41=51.2%	60/143=42.0%

**Please Note:** Due to reporting changes by SART from year to year, the above data may not correlate with data reported by SART and the CDC. A comparison of clinic success rates may not be meaningful because patient medical characteristics and treatment approaches may vary from clinic to clinic.