



GEEP- Thaw Cycle

(GNRH Exogenous Estrogen and Progesterone)

Introduction

Lupron, Estrogen and progesterone can be used to supplement the natural cycle to time embryo replacement of frozen/thawed embryos

The protocol described herein is called the “GEEP” protocol for GNRH Exogenous Estrogen and Progesterone

Before Cycle Start

- ❖ Start taking a Prenatal Vitamin
- ❖ Review questions with doctor
- ❖ Consent forms signed and witnessed at Boston IVF
- ❖ Approval from financial dept.

Day 21 (1 wk before menses)

- ❖ Start Lupron daily (0.1 ml = 10 units per day)
- ❖ Avoid pregnancy this cycle
- ❖ Expect period 7-14 days after starting Lupron

Cycle Start

- ❖ Call IVF Nurse on cycle day one -
- ❖ On DAY ONE, start Estrace tablets, each 2 mg, and take one tablet twice daily
- ❖ On DAY ONE, start Vivelle patch, apply first patch and change every 3rd day
- ❖ Start progesterone and discontinue Lupron at instruction of Nurse. Embryo transfer day 4 of progesterone, day 6 if Blastocyst
- ❖ Continue with Estrace and Progesterone until the pregnancy test is done
- ❖ blood tests and ultrasound examinations are determined by your physician.

Embryo Transfer

- ❖ Performed on DAY 4 or 6 of Progesterone

- ❖ The IVF Nurse will call you two days prior to embryo transfer to inform of time to come in.
- ❖ Will speak to doctor about embryos before
- ❖ Simple procedure, no anesthesia, home after 10 minutes in recovery room.
- ❖ On the day of the transfer take it easy, no heavy lifting or formal exercise. After the transfer you may resume regular activities.

Pregnancy Test

- ❖ Performed 10-12 days after the embryo transfer
- ❖ Pregnancy test will be scheduled by the nurse in the recovery room.
- ❖ If positive test result continue Estrace, Vivelle and Progesterone for 10 weeks

Good luck and best wishes from all of us at Boston IVF!

