



## Leuprolide Stimulation Testing

What you need to know...

**Your child's Leuprolide  
Stimulation test date is  
scheduled for:**

\_\_\_\_\_ at \_\_\_\_\_ AM

**Location:** \_\_\_\_\_

**Please arrive 15 minutes prior to  
your scheduled testing time to  
register.**

**Your child's doctor has recommended Leuprolide Stimulation Test. This is a 1 - 3 hour test that begins in the morning and requires that you return 24 hours after medication administration to complete the test.**

**WHY IS THIS TEST NEEDED IF BLOOD WAS ALREADY TAKEN?** The purpose of this test is to determine your child's stage of puberty. This test may be done if central precocious puberty or delayed puberty is suspected. When your child has this test done, medication (Leuprolide) is given to stimulate the pituitary gland to produce sex hormones; LH and FSH. Then we measure this hormone at certain time points during the course of the test.

**HOW DO WE PREPARE FOR THE TEST?** Your child can eat and drink before the test because this will not interfere with lab results. If your child has a favorite distraction game or device, he/she is welcome to bring it along.

**WHAT EXACTLY CAN WE EXPECT?** We will escort you and your child into the phlebotomy lab on CHAM 4. Once comfortable, we will use a butterfly needle to draw baseline blood as ordered by your Endocrinologist. The butterfly needle will be removed at this time and Leuprolide medication will be given in the subcutaneous (fatty) tissue. We rarely see side effects to this medication. After medication administration, you may leave the Phlebotomy lab with your child. You must return to the phlebotomy lab in 1 – 3 hours and then 24 hours after medication administration as specified by your Endocrinologist. When you return, you

should tell the Phlebotomist that you are returning for a timed test. The Phlebotomist will use a butterfly needle to draw blood as specified by your Endocrinologist.

**WHAT SHOULD WE DO AFTER THE TEST?** You may resume your daily activities.

**WHEN WILL THE RESULTS BE AVAILABLE?** Your Endocrinologist will review the test results. The Endocrinologist will then contact you to discuss abnormal results and schedule a follow up appointment to discuss next steps. Otherwise, you will receive a letter in the mail with the results.

*These are intended to be general guidelines. If you have specific questions about your child, please ask your doctor.*

*Any questions? Call (718) 920 - 4664*