

# Thyrotropin Alfa (Thyrogen)

## Provider Order Form

### PATIENT INFORMATION

Date:	Patient Name:	DOB:
ICD-10 code (required):	ICD-10 description:	
<input type="checkbox"/> NKDA Allergies:	Weight lbs/kg:	
<b>Patient Status:</b> <input type="checkbox"/> New to Therapy <input type="checkbox"/> Continuing Therapy	Next Due Date (if applicable):	

### PROVIDER INFORMATION

Ordering Provider:	Provider NPI:		
Referring Practice Name:	Phone:	Fax:	
Practice Address:	City:	State:	Zip Code:

### NURSING

- Provide nursing care per IVX Standard Nursing Procedures, including reaction management and post-procedure observation

### PRE-MEDICATION ORDERS

- acetaminophen (Tylenol)  500mg /  650mg /  1000mg PO  
 cetirizine (Zyrtec) 10mg PO  
 loratadine (Claritin) 10mg PO  
 diphenhydramine (Benadryl)  25mg /  50mg  PO /  IV  
 methylprednisolone (Solu-Medrol)  40mg /  125mg IV  
 Other: \_\_\_\_\_  
Dose: \_\_\_\_\_ Route: \_\_\_\_\_  
Frequency: \_\_\_\_\_

### INFUSION THERAPY

- Thyrotropin alfa** (Thyrogen) intramuscular injection
- Dose: 0.9mg intramuscular injection
  - Frequency: two injections separated by 24 hours
- Patient is required to stay for 30-minute observation post injection
- Patient is NOT required to stay for observation time

### SPECIAL INSTRUCTIONS

Ordering Provider: Initial here \_\_\_\_\_ and proceed to the next page.

## ADULT REACTION MANAGEMENT PROTOCOL

- Observe for **hypersensitivity reaction**: Fever, chills, rigors, pruritus, rash, cough, sneezing, throat irritation, nausea, vomiting.
- If reaction occurs:
  - If indicated, stop infusion.
  - Maintain/establish vascular access.
  - IVX Health clinicians have the following PRN medications available for the following reactions.
    - Headache, pain, fever >100.4F, chills or rigors- Acetaminophen 650mg PO or Ibuprofen 400mg PO.
    - Rhinitis, allergies, hives, pruritis and other nonspecific symptoms of allergic reaction - Loratadine 10mg PO or Diphenhydramine 25-50mg PO or IV
    - Nausea, vomiting, heartburn, acid reflux- Ondansetron 4mg ODT (may repeat x 1 in 20 minutes if nausea continues, max dose 8mg) or Famotidine 20mg PO.
    - Severe Nausea, vomiting, heartburn, acid reflux- Ondansetron 4mg SIVP (may repeat x 1 in 20 minutes if nausea continues, max dose 8mg) or Famotidine 20mg SIVP.
    - Hypotension (90/60), vasovagal response- Place patient in reclined position, administer 0.9% Sodium Chloride IV 500ml. May repeat to keep BP >90/60, maximum of 1000ml, monitor vital signs.
    - Hypertension (>30 mmHg increase from baseline or >180 mmHg SBP): Clonidine 0.1mg and wait 45 minutes, may administer Amlodipine 5mg if hypertension persists
    - Chest pain/discomfort, shortness of breath- Oxygen 2-15 liters, titrate to keep Spo2 >92%.
    - Famotidine 20mg IV- Refractory to other treatments given
    - Solumedrol 125mg IV- Refractory to other treatments given.
  - When symptoms resolve resume infusion at 50% previous rate and increase per manufactures guidelines.
  - Notify referring provider as clinically appropriate and follow clinical escalation protocol.
- Severe allergic/anaphylactic reaction:**
  - If symptoms are rapidly progressing or continuing after administration of prn medications above and signs symptoms of severe allergic/anaphylactic reaction (angioedema, swelling of the mouth, tongue, lips, or airway, dyspnea, bronchospasm with or without hypotension or hypertension).
    - Call 911.
    - Initiate basic life support as needed.
    - Bring the **AED** to the patient (Attach pads if indicated).
    - **Epinephrine**- administer 0.3mg of a 1:1,000 (1mg/ml) concentration intramuscularly (preferably outer thigh), may be repeated every 5-15 minutes as needed to a maximum of 3 doses.
    - Place patient in recumbent position, elevate lower extremities.
    - **Oxygen**- administer 2-15 liters/minute or 100 percent oxygen as needed maintain SpO2 >92 percent.
    - **IV Fluids**- Treat hypotension with normal saline bolus of 500ml, repeat as needed to maintain systolic BP >90.
    - Administer **diphenhydramine** 50mg IV or Famotidine 20mg IVP, if not previously given.
    - Administer **methylprednisolone** 125mg IVP, if not previously given.
    - Continuous monitoring of blood pressure, pulse oximetry, and heart rate.
    - Notify clinical executive, DON or CMO, when appropriate. Must be done same day. Do not delay treatment.

\_\_\_\_\_  
Patient Name

\_\_\_\_\_  
Patient Date of Birth

\_\_\_\_\_  
Provider Name (Print)

\_\_\_\_\_  
Provider Signature

\_\_\_\_\_  
Date

**Email [ivxintake@ivxhealth.com](mailto:ivxintake@ivxhealth.com) or fax this form, insurance card (both sides), demographics, recent H&P, labs, and supporting clinicals to:**

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**Precision is now a part of IVX Health. To refer to a Precision center, fax to 888-615-1445:** \_\_\_Donelson \_\_\_Cool Springs  
\_\_\_Clarksville \_\_\_Murfreesboro \_\_\_Knoxville \_\_\_Chattanooga \_\_\_Morristown \_\_\_Collierville \_\_\_Jackson \_\_\_Memphis \_\_\_Lowell, AR