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## Levothyroxine IV Guidelines

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### **Background:**

The Ochsner Health System strives to use medications appropriately and only when necessary. We have the opportunity to improve the value and quality of our services by ensuring that medications, such as Levothyroxine IV, are used for the right patients and the right indications.

### **Levothyroxine half-life:**

- Euthyroid: 6-8 days
- Hypothyroid: 9-10 days
- Hyperthyroid: 3-4 days

### **Levothyroxine IV indications:**

Levothyroxine IV is approved for use in the following indications:

- NPO or no available enteral route (G tube, NG tube, etc.) for > 3 days
- Myxedema coma
- Malabsorption
- Severe mucositis for > 3 days
- Cardiogenic shock
- Organ preservation for donation
- Endocrine consult (OMC Jeff Hwy campus only)
- Neonates