

News

Clinical Laboratory Test Update

Low Molecular Weight Heparin and Unfractionated Heparin

Effective May 9, 2022, EPIC orders for Low Molecular Weight Heparin and Unfractionated Heparin will include a **required field** be addressed at time of order.

Required field is being applied across the UCHealth system to clearly identify the medication being administered to ensure that the appropriate test is ordered and the appropriate reference range is applied for monitoring the patient's therapy.

Test name	Low Molecular Weight (LMWH) Heparin Level (Anti-Xa)	Unfractionated Heparin Level (Anti-Xa)
EAP	LAB316	LAB317
Required field selection <input type="text" value="box"/>	<p>! Patient currently administered</p> <p><input type="text" value="Enoxaparin (Lovenox)"/></p> <p><input type="text" value="Dalteparin (Fragmin)"/></p> <p>Comments: This is an order for Low Molecular Weight Heparin, enoxaparin (Lovenox) and dalteparin (Fragmin).</p>	<p>! Patient currently administered</p> <p><input type="text" value="Heparin drip"/></p> <p>Comments: This is an order for Unfractionated heparin (heparin infusion).</p>
Method	Anti-Xa activity by chromogenic analysis	Anti-Xa activity by chromogenic analysis
Performed	Daily	Daily
Reference Range	The low molecular weight (LMWT) reference range is a guideline based on a sample drawn 4 hours after a subcutaneous injection of a LMWT heparin. The usual target for a LMWT heparin administered once per day is 1.0 - 1.5 U/mL and the target for a LMWT heparin administered twice per day is 0.6 - 1.0 U/mL. Clinical considerations may warrant a different target range for individual patients.	0.3 - 0.7 units/mL
CPT	85520	85520

Please contact Mary Ellen Boyle at 720-848-7062 if you have any questions, or visit our website at <https://www.testmenu.com/universityhospital> for additional information.

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