

## Echo Order Comments

**WHAT:** All echocardiogram (Echo) orders have been updated to include instructions for the contrast medication protocol.

US Echo 2D Limited EO									
Details	Additional Info	History	Comments	Results	Pharmacy	Plan History	Compliance History	Validation	Compliance History
<b>Details</b>									
Requested start date and time	12/4/2025 7:45 EST								
Priority	Stat								
Reason For Exam - Freetext	Test								
Exam Design	Allow Modification Per Radiologist								
Transport mode	Wheelchair								
Required radiology order format field	Rad Type								
Override Share Y/N	No								
Preprocessing Script	OE_DEFAULT_FROM_FORM								
Special Instructions	Contrast medication protocol: All sites: Echo tech administer perflutren (Optison/Definity), 1 mL, IVP, PRN for any of the below reasons as follows: • Optison - dose should not exceed 5ml in any 10 minute period, max dose should not exceed 8.7 ml								
Frequency	Once								
Stop Date/Time	12/4/2025 7:45 EST								
<b>Comment</b>	Contrast medication protocol: All sites: Echo tech administer perflutren (Optison/Definity), 1 mL, IVP, PRN for any of the below reasons as follows: • Optison - dose should not exceed 5ml in any 10 minute period, max dose should not exceed 8.7 ml in any one study • Definity - may repeat dose x 10 for a total max dose of 10 mL. If perflutren is unavailable, enter Order for and administer Lumason, 2 mL IVP PRN for any of the below reasons. (May repeat dose x1 for a total max dose Of 4 mL.) PRN Reasons: • Suboptimal Images (inability to visualize/accurately characterize endocardial border and excursion in 2 or more contiguous segments Of the 16 left ventricular myocardial segments) • Patient technically difficult to image • Question of left ventricular dysfunction • Need for delineation of intra-cavitary mass borders (thrombus) • Suspicion for apical abnormality (non-compaction, apical hypertrophy, aneurysm, pseudoaneurysm, apical ballooning) • Need for enhancement Of Doppler Signals to Obtain higher diagnostic yield of exam • If patient has allergy to imaging enhancement agent, is pregnant/nursing, or any alert displays, do not administer unless approved by the cardiologist.								

**WHY:** To assist the echo technicians by providing contrast medication instructions within the order.

**WHEN:** Effective Immediately

**WHERE:** The change will affect the following venue(s):

- Acute/Inpatient (to include ED & Peri-Op)

At the following NLH Member Organization(s):

- NL Mayo Hospital

**WHO:** The change will affect the following staff at the above noted locations:

- Radiology staff