

# PROTOCOL: POST PFO DEVICE CLOSURE

**Inclusion Criteria:** Select patients may return for echo imaging the same day, one day, or 3-6 months post procedure for PFO device closure. **Protocol not intended for ASD closure!**

- Most one or same day echoes will be performed at point of care by the procedural fellow. On occasion, a formal echo may be requested
- For patients with no prior Mayo TTE/TEE there is NO need to do a full echo – continue to follow this protocol (all patients have had an echo either at Mayo or an outside TTE/TEE that was read by the referring Cath Lab physician)

## EIMS Data:

**Referral Diagnosis:** under *Post-op procedure congenital ht dis*, add:

Patent foramen ovale S/P closure with appropriate drop down

**First Finding:** Status post interventions – closure device – pick all applicable findings (coded)

**Second Finding:** Echocardiogram performed per post PFO closure device (coded)

**Billing Diagnosis:** Closure Patent Foramen Ovale Status Post

## Same or 1 day post

**Procedure Components:**

2-D limited

**Procedure:**

(TTE) 2D Limited Only

Obtain the following:

| Same or 1 day post (2D only) |  |
|------------------------------|--|
| Parasternal                  |  |
|                              | Device location (SAX)<br>Pericardial effusion  |
| Apical                       |  |
|                              | Device location (4 ch)<br>Pericardial effusion |
| Subcostal                    |  |
|                              | Device location (4 ch)<br>Pericardial effusion |

## 3-6 months post

**Procedure Components:**

2-D limited, IV Agitated Saline

**Procedure:**

(TTE) 2D Limited Only and Contrast

Obtain the following:

| 3-6 mos. post (2D + Shunt Study) |   |
|----------------------------------|---|
|                                  |   |
|                                  | Device location (SAX)   |
|                                  |   |
|                                  | Device location (4 ch)<br><b>Shunt study (4 ch) (*Valsalva + Rest)</b><br><b>* Valsalva images before rest images</b> |
|                                  |   |
|                                  | Device location (4 ch)  |