

# PROTOCOL: AORTA FOLLOW-UP

## Inclusion Criteria

- Adult echocardiogram ordered to assess aortic size
- Full echocardiogram performed within two years

## EIMS Data

**Procedure Components:** 2-D, Color Flow Doppler, Doppler

**Serial Studies:** General, Thoracic Aorta

**First Impression:** Echocardiogram performed per aorta follow-up protocol.

**Billing Diagnosis:** Aneurysm Thoracic Aortic without (or with) Rupture (HCC)

**Procedure:** (TTE) 2D Limited and Color

\*With quantification: 2D Limited with Color and Doppler

## Obtain the following:

2D	CFI	Doppler	Measurement
<b>Parasternal</b>			
LV EF & RWMA AV (LAX/SAX) Asc. Aorta <b>(+RPS)</b>	* AV (LAX/SAX)		<b>†LVOTd</b> LVIDd/s Aorta: Sinus, ST Jx., Prox, Mid
<b>Apical</b>			
LV EF & RWMA	* AV	<b>LVOT tvi</b>	<b>LV Volumes (3D preferred)</b>
<b>Subcostal</b>			
Abd. Ao. (LAX & SAX)			Abd. Aorta
<b>Supra Sternal Notch</b>			
Arch			Arch

## Caveats and Tips

- **\*If AR is  $\geq$  moderate perform comprehensive aortic regurgitation assessment**
- **† Measure LVOT diameter if the sinus has increased in size OR if previous have been inconsistent**
- **If significant pathology is present on prior echo, perform additional imaging as warranted**
- Measurements should be made according to echo lab standardize measurement guidelines
- Add thoracic aorta serial study if not previously done and be sure to add previous exams
- Include statements representative of affected aorta
- Discuss incidental findings with interpreting consultant