Aortic Valve Guide – AVG

Please refer to manual for complete system capability
www.siemenslearningcenter.com

1) Cardiac DynaCT is acquired and loaded into InSpace Tab

2) Select Aortic Valve Guide icon if not automatically started.

3) Aortic root is segmented out automatically.

4) Check results, modify display, and correct positions of markers.
   a) Correct position of any marker by left clicking, drag and drop, in any MPR or VRT view
   b) Modifying Display can be achieved using the selections below
5) Perform **iPilot Dynamic** functionality.

**Additional Information**

**Movie Recording** – ability to record movies in AVI format from currently displayed images.

- Stop movie recording
- Pause movie recording
- Movie recording is active
- Replay stored movie

At this step, it will ask for a file name

H:CDR Offline // Site Data // InSpace // iPilot Dynamic
Display Items:

**Centerline** – display of centerline of segmented aortic root

**Perpendicularity Circle** with coronary cusp points
- L – Left Coronary Cusp Point
- R – Right Coronary Cusp Point
- N – Non Coronary Cusp Point
***Can drag and drop L, R, N to correct in any MPR or VRT

**Coronary Ostia Markers**
- LCO – Blue
- RCO – Green
***Can drag and drop LCO and RCO to correct in any MPR or VRT

**Comissure Lines** – show path along the valve leaflets that connect
the cusp points together
***Can drag and drop to correct in any MPR or VRT

**MPR Segments** align such that:
- Upper Left – luminal view of aorta, orthogonal to centerline
- Upper Right – view along centerline, axial projection
- Lower Left – other view along centerline