CTA Chest AbdPel Mitral Valve w/Heart IVcon wo/w

**Must Be Performed On Canon AqONE**

**Note:** Non-contrast calcium score prior to contrasted portion of exam only when requested. Place scan top of volume box below carina to ensure that the Mitral Valve is centered in the scan.

### Gated Volume

<table>
<thead>
<tr>
<th>Patient Position</th>
<th>Supine</th>
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<tbody>
<tr>
<td>Contrast IV</td>
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- **Injection Rate**: 4 ml/sec preferred. Minimum 20g PIV. See guidelines for other IV access lines.
- **Respiration**: Breath hold: inspiration

#### A Calcium Score
- Gating: ON – Auto

#### BT
- Level of mid volume: 2cm Below Carina
- Trigger on descending aorta: Bottom of Heart
- Volume length: 16cm

### Helical

#### C Arterial Aorta

**Helical Mode**
- Begin: 3 cm above aortic arch
- End: Below bifurcation of the right and left femoral arteries (Below lesser trochanter)

- **Volume Acquisition/Reconstruction Specs**
  - Thickness: 0.5 mm
  - Spacing: 0.25 mm
  - FOV: 200-220 mm
- **Gating**

- **Recon Phase**: ON – Retrospective
  - 35%
  - 0 – 90% every 10%