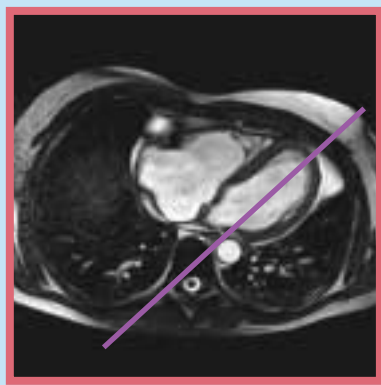


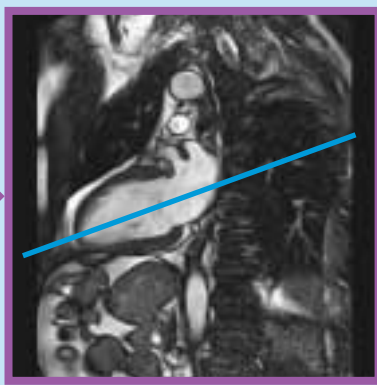
Cardiac MRI

Planning the basic cardiac views

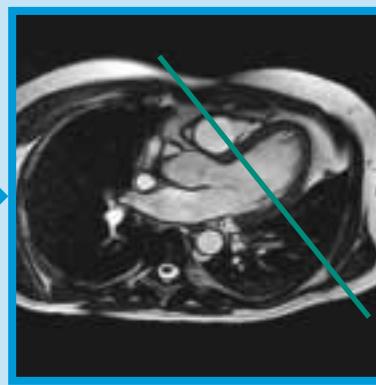
Setup



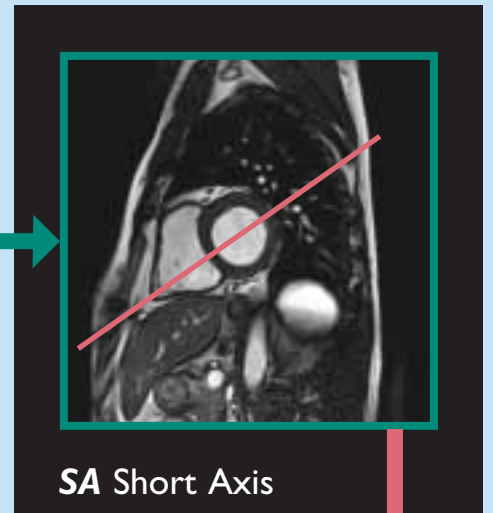
TRA Transverse



RAO Right Anterior Oblique



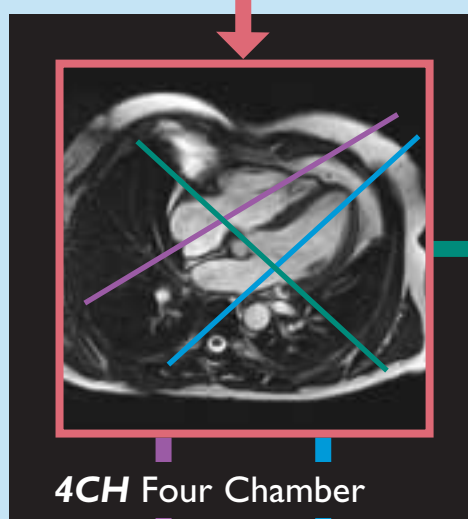
4CH Nearly Four Chamber



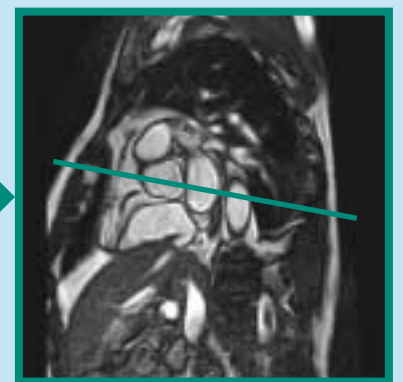
SA Short Axis



Transversal planning for RVOT



4CH Four Chamber

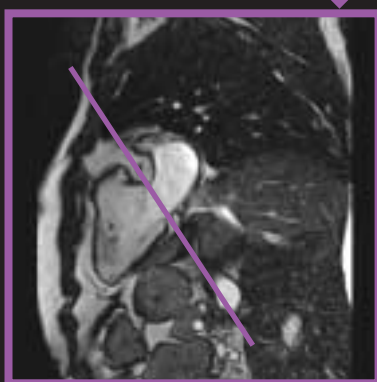


Basal Short Axis

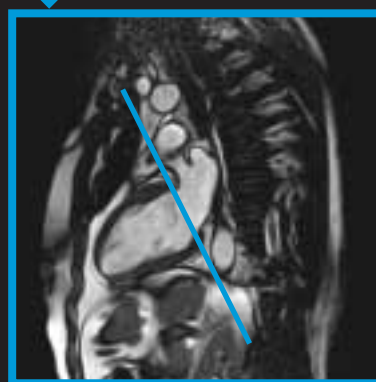
Chambers & Outflow



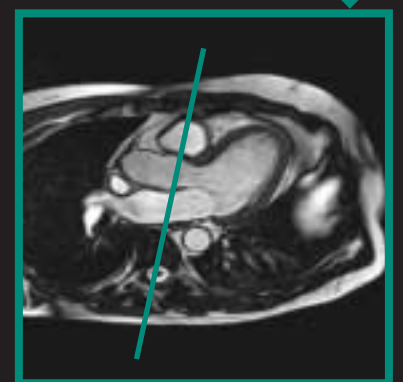
RVOT Right Ventricular Outflow Tract



R2CH Right Two Chamber



L2CH Left Two Chamber



LVOT Left Ventricular Outflow Tract

Valves



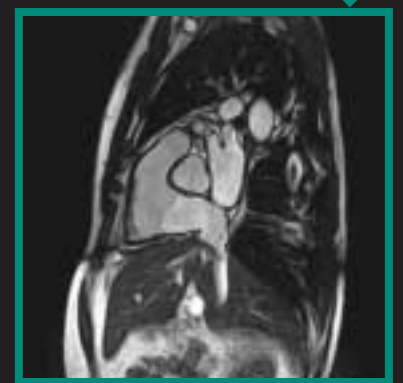
Pulmonary Valve



Tricuspid Valve



Mitral Valve



Aortic Valve

Cardiac MRI

Planning the basic cardiac views

This poster shows easy and efficient planning of the main cardiac views using the Philips Intera Cardiac Package.

- Step 1** Begin with a Transverse image through the left ventricle
- Step 2** Define the RAO (Right Anterior Oblique) view on the Transverse image, select line through Apex and center of Mitral Valve
- Step 3** Define an Approximate Four Chamber view on the RAO by defining a line through the Apex and center of the Mitral Valve
- Step 4** Define the short axis view - three methods are available:
 - a) Place the line orthogonal to the (long axis) line through the Apex and center of the Mitral valve (this is the most accurate method)
 - b) Place a line parallel to the Mitral Valve (this method makes it easier to decide whether to include the basal slice/s during post-processing)
 - c) Place a line orthogonal to the septum (this is the best method for Right Ventricle viewing)
- Step 5** From the Short Axis view, the True Four Chamber view can be defined by placing a line through the center of the Left Ventricular Cavity and inferior margin of the Right Ventricle
- Step 6** From the True Four Chamber view, the right and left Two Chamber views can be planned. These views show both Left Ventricle and Aortic Root. In addition, a basal short axis scan can be defined, which is then used to plan the LVOT view (by placing a line through the Left Ventricle and Aorta).
- Step 7** The RVOT is best planned on a transverse view that shows the Pulmonary Artery