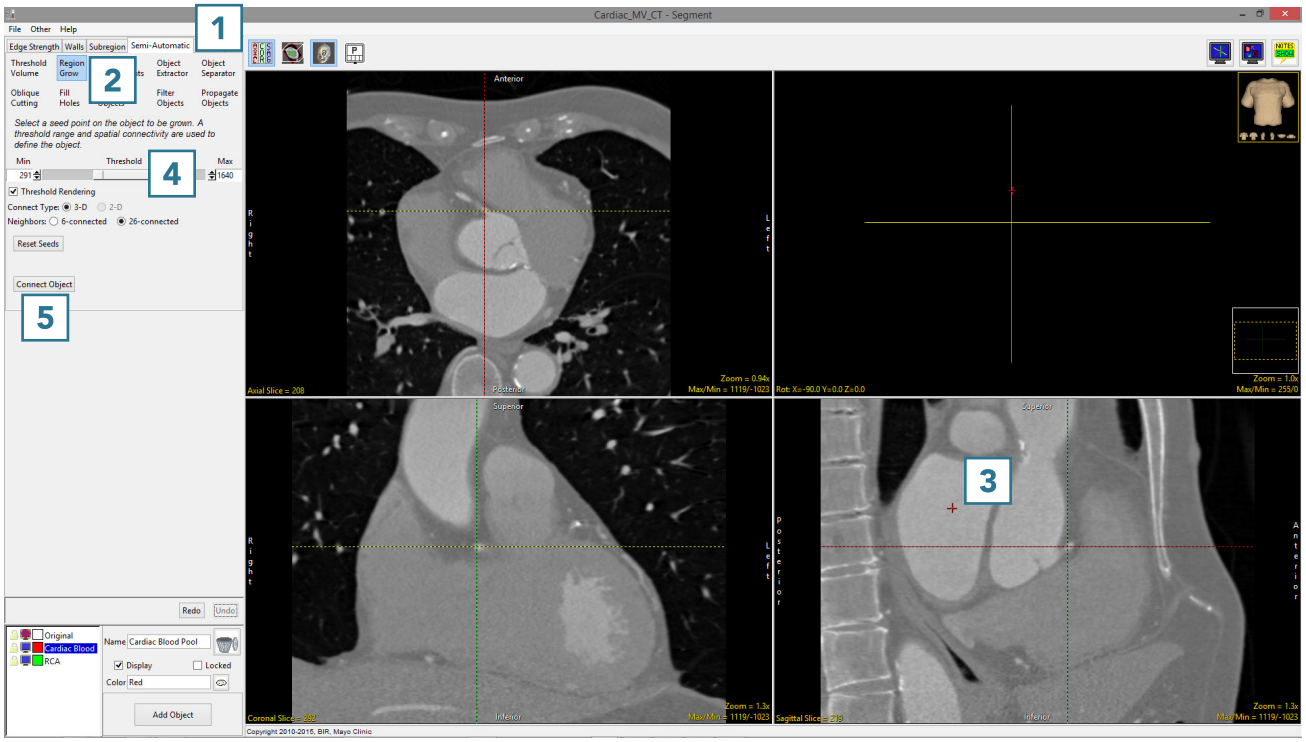
12. Editing Objects via Oblique Cutting

- Select a data set and open Segment.
- Select Semi-Automatic 1 and choose Region Grow. 2
- Set a seed point in the middle of the left atrium. 3
- Define a threshold range to describe the blood pool 4 and click Connect Object. 5

Download the Cardiac_CT data set to follow along
http://analyzedirect.com/data/



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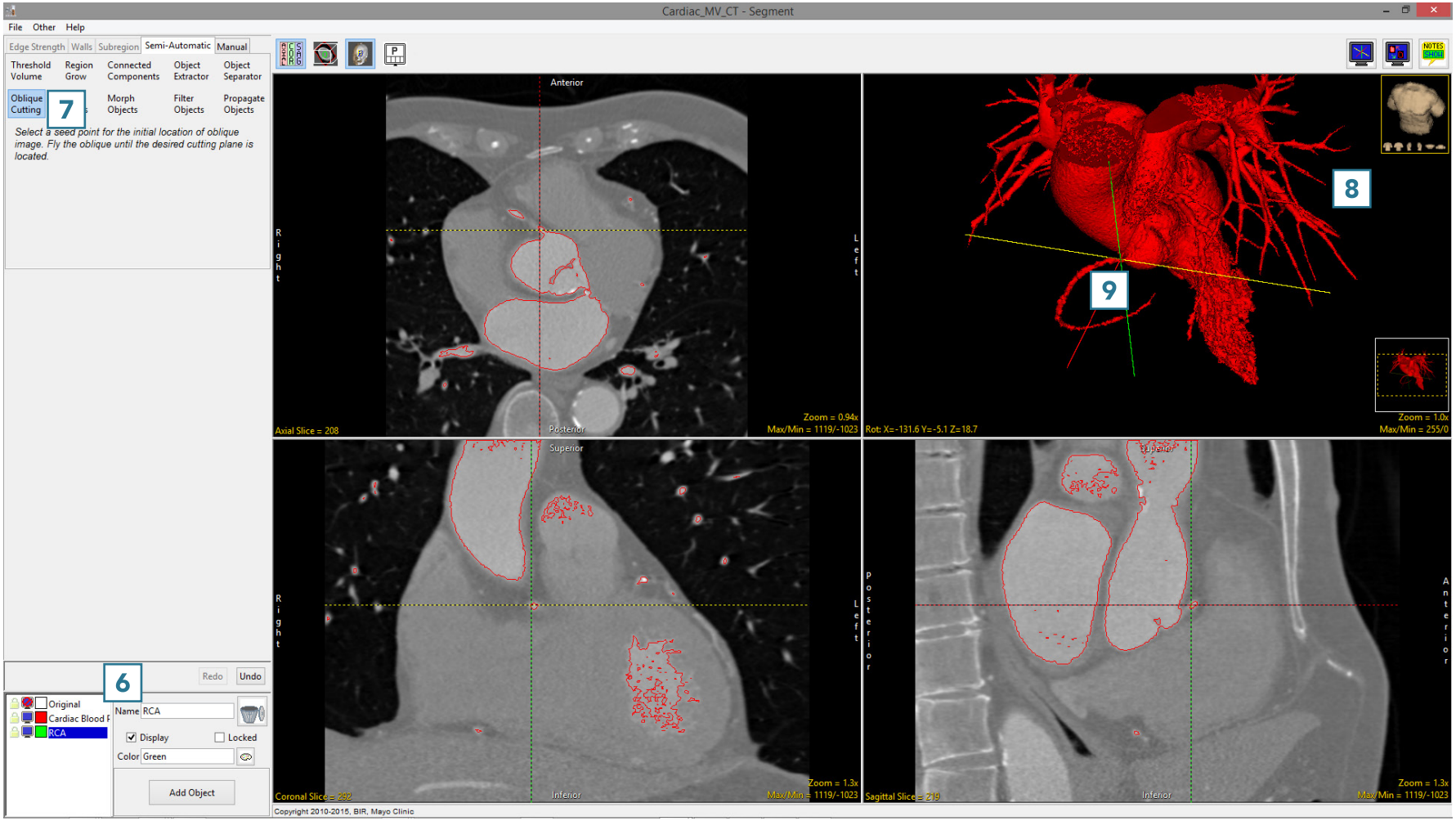
- Add a new object and name it RCA (right coronary artery). 6
- Select Oblique Cutting. 7
- Rotate the rendering of the heart so the RCA is visible. 8
- Move your cursor to the base of the RCA and click to set a seed point on the RCA. 9



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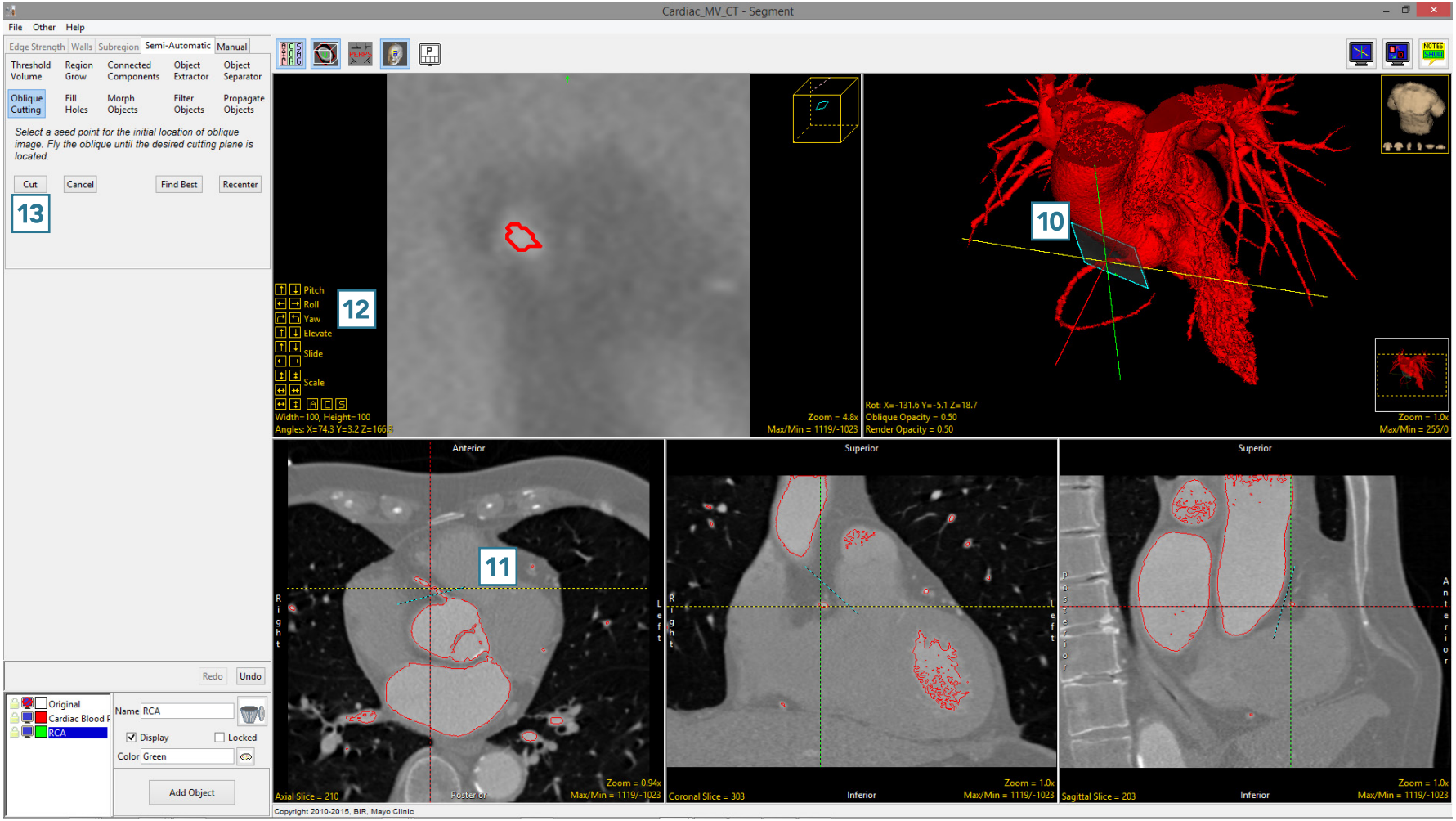
- The Segment interface will update while the Oblique Cutting algorithm finds the best plane to cut the RCA from the main heart object.
- If the computed cut plane is not ideal you can adjust the plane interactively on the rendering 10 or on any of the slice displays. 11
- The navigation tools can also be used on the oblique image. 12
- Select Cut 13 to cut the data.



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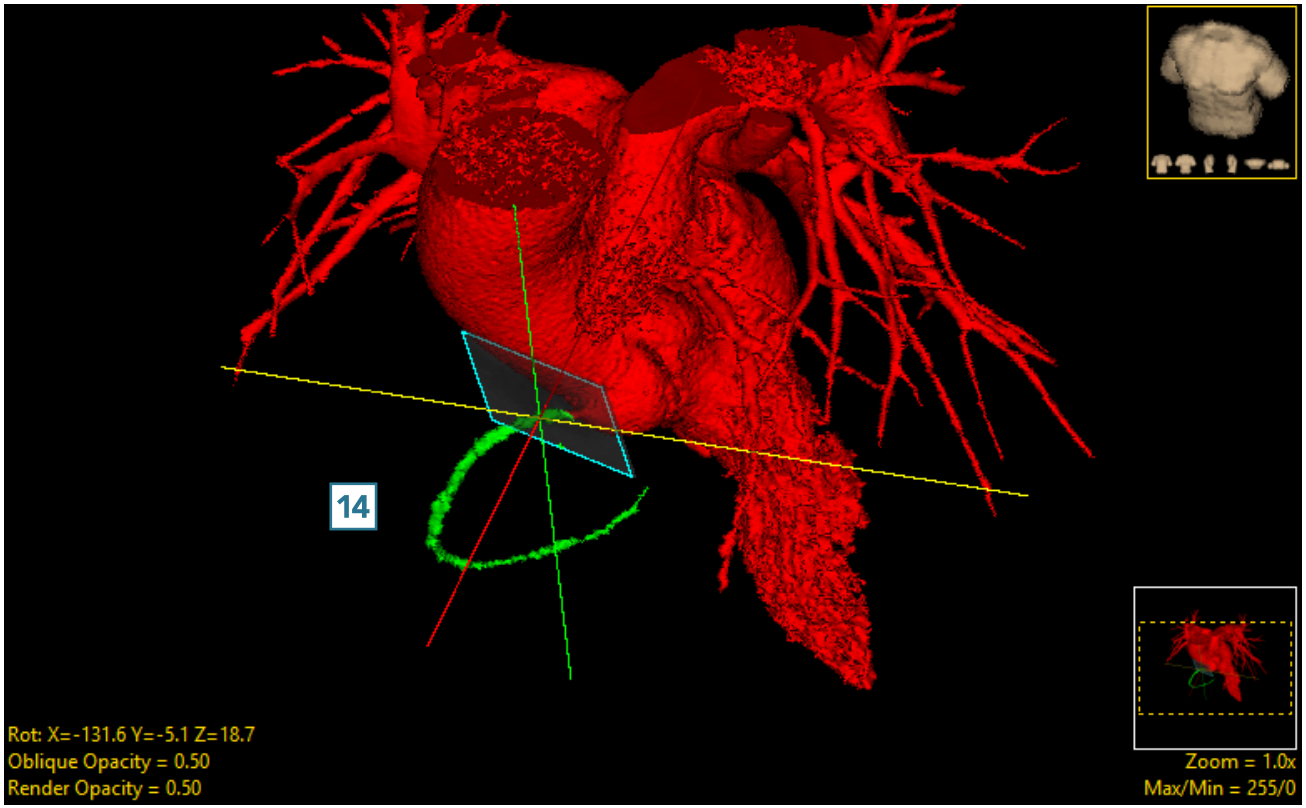
- The RCA will be separated from the main object and assigned to the RCA object. 14
- To return to the regular display, click on the Toggle Obliques button to switch off the display of the oblique image.
- Select File > Save Object Map to save your work.



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