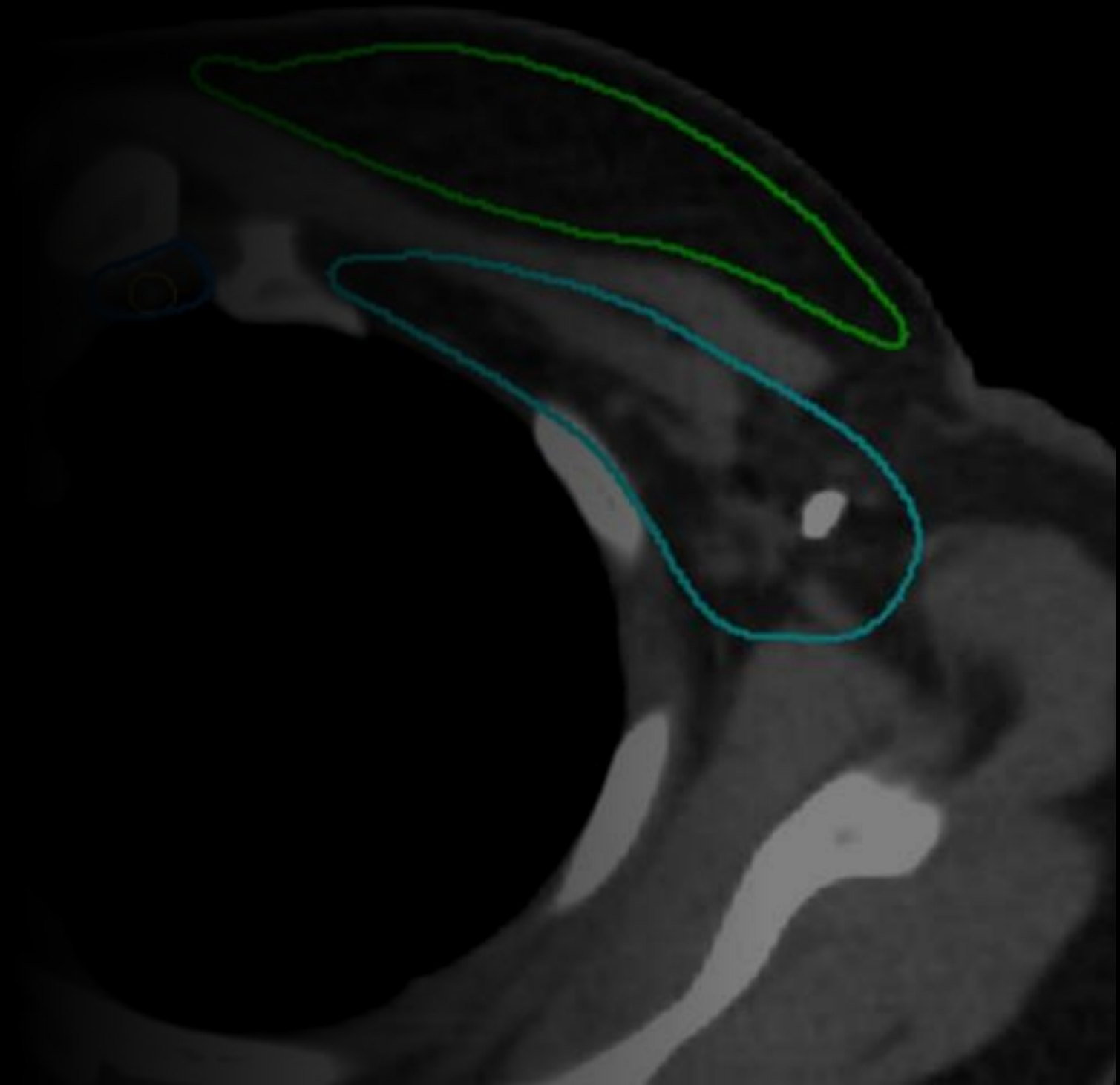


# Breast Cancer Atlas

By Ronan Joyce



# Instructions

This atlas is designed as a learning tool to support the contouring of common radiotherapy cases.

Users are encouraged to view the slides in full-screen mode to replicate the experience of scrolling through imaging studies.

The contours presented reflect current practice within a single radiation oncology department and are informed by evidence-based guidelines.

Please note that interpretation and application of contouring protocols can vary between observers and institutions. Consequently, the contours shown may differ from those used in other departments. Users are advised to exercise clinical judgment when reviewing these materials.

## Navigation

**White buttons** in the top-right corner indicate the currently viewed image series.

**Blue buttons** link to the corresponding image in a fused study for cross-reference.

CT

MRI

Use the **Directional Buttons** in the bottom-left corner to navigate between slides containing contouring hints and tips.

Previous

Tip 2/20

Next







The **Legend Button** will bring you to the contour description slide.

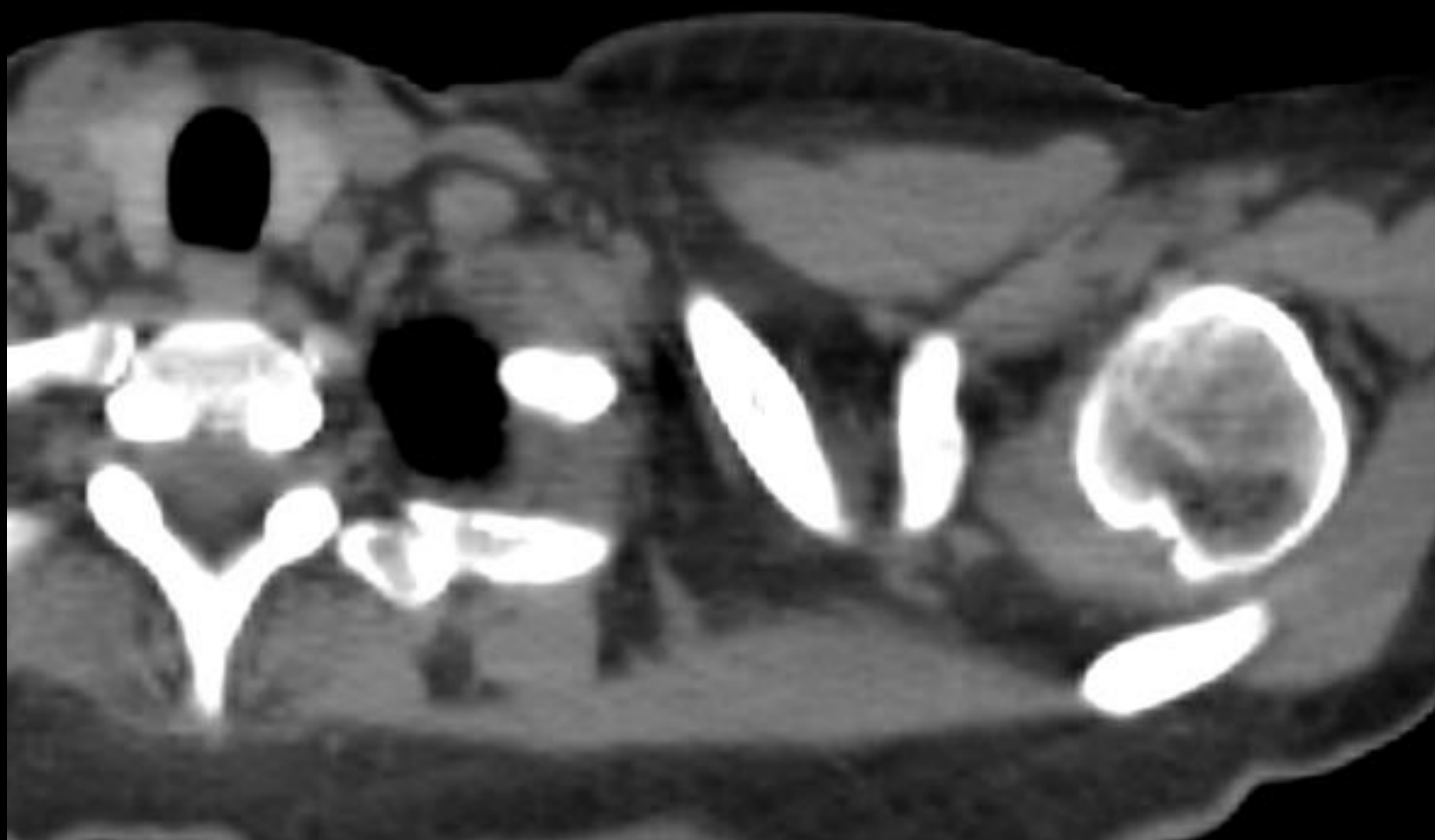
Legend

# Legend

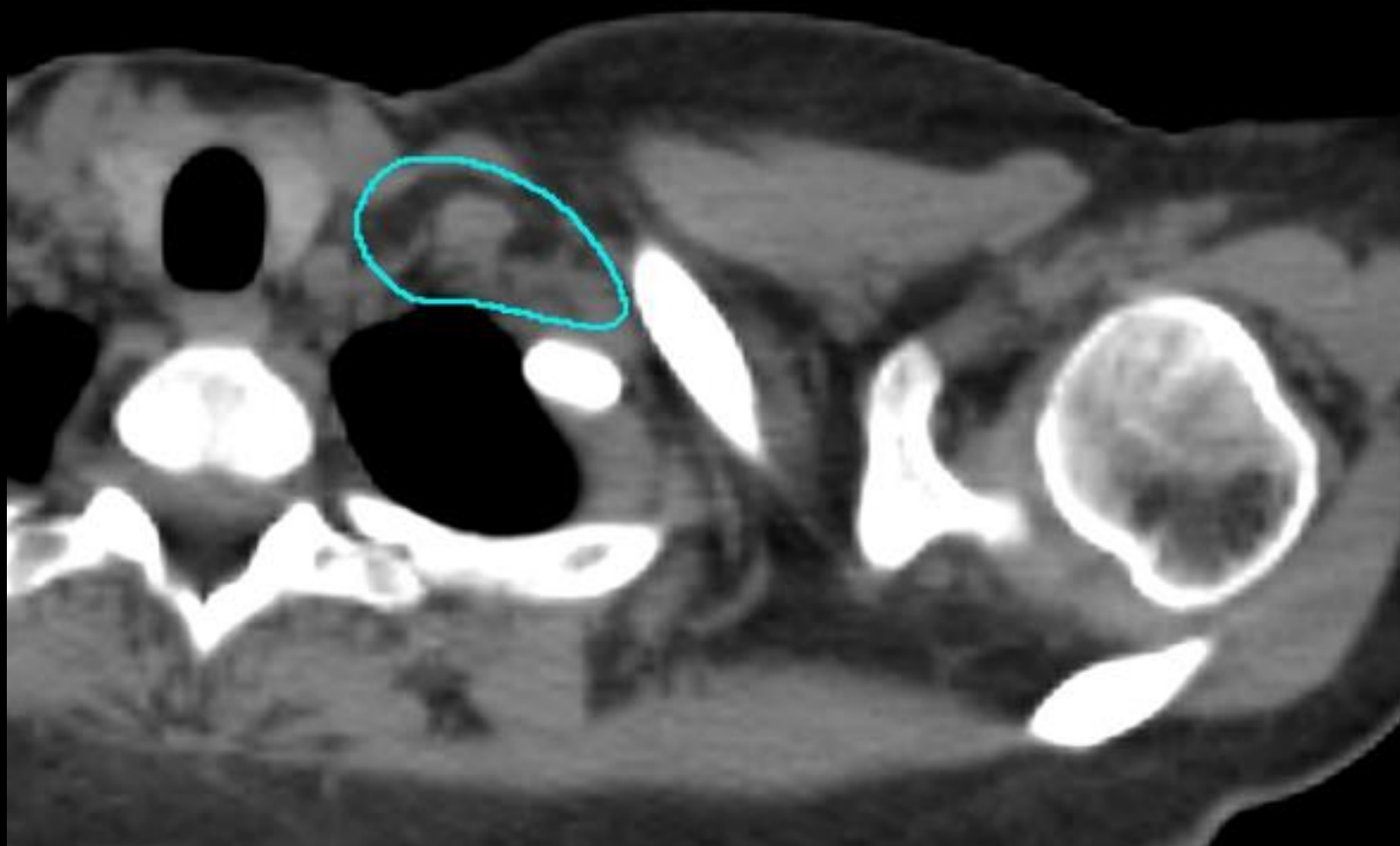
## Contours

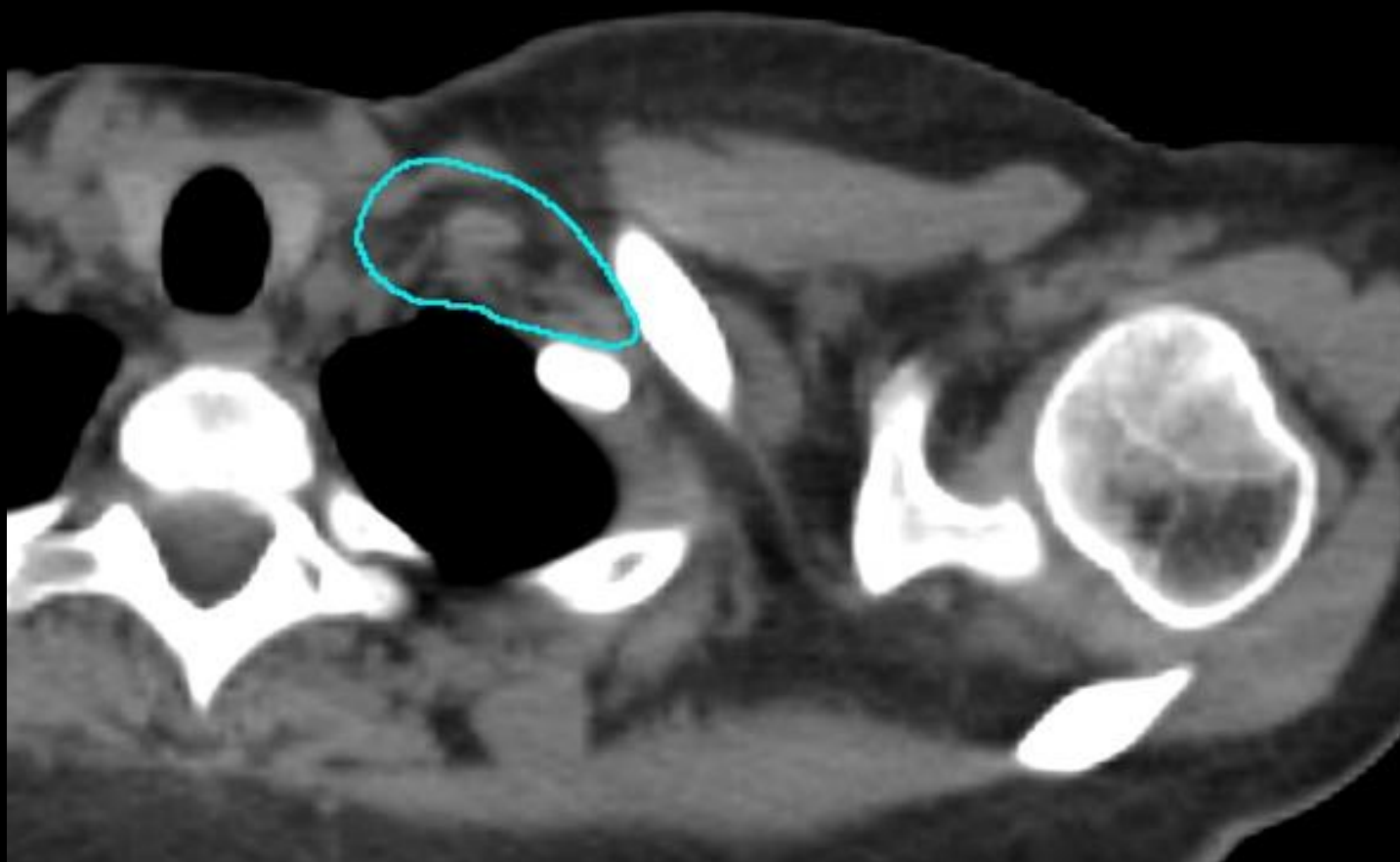
## Description

Tumour Bed		Surgical change, seroma and clips.
CTV Boost		Tumour Bed + 0.5-1cm. Crop within breast
CTV Breast		Whole Breast Volume
CTV Axilla		Level I-IV as per ESTRO guidelines.
IMN		Internal Mammary Vessels to 4 <sup>th</sup> ICS
CTV IMN		IMN + 5mm laterally cropped off lung/bone



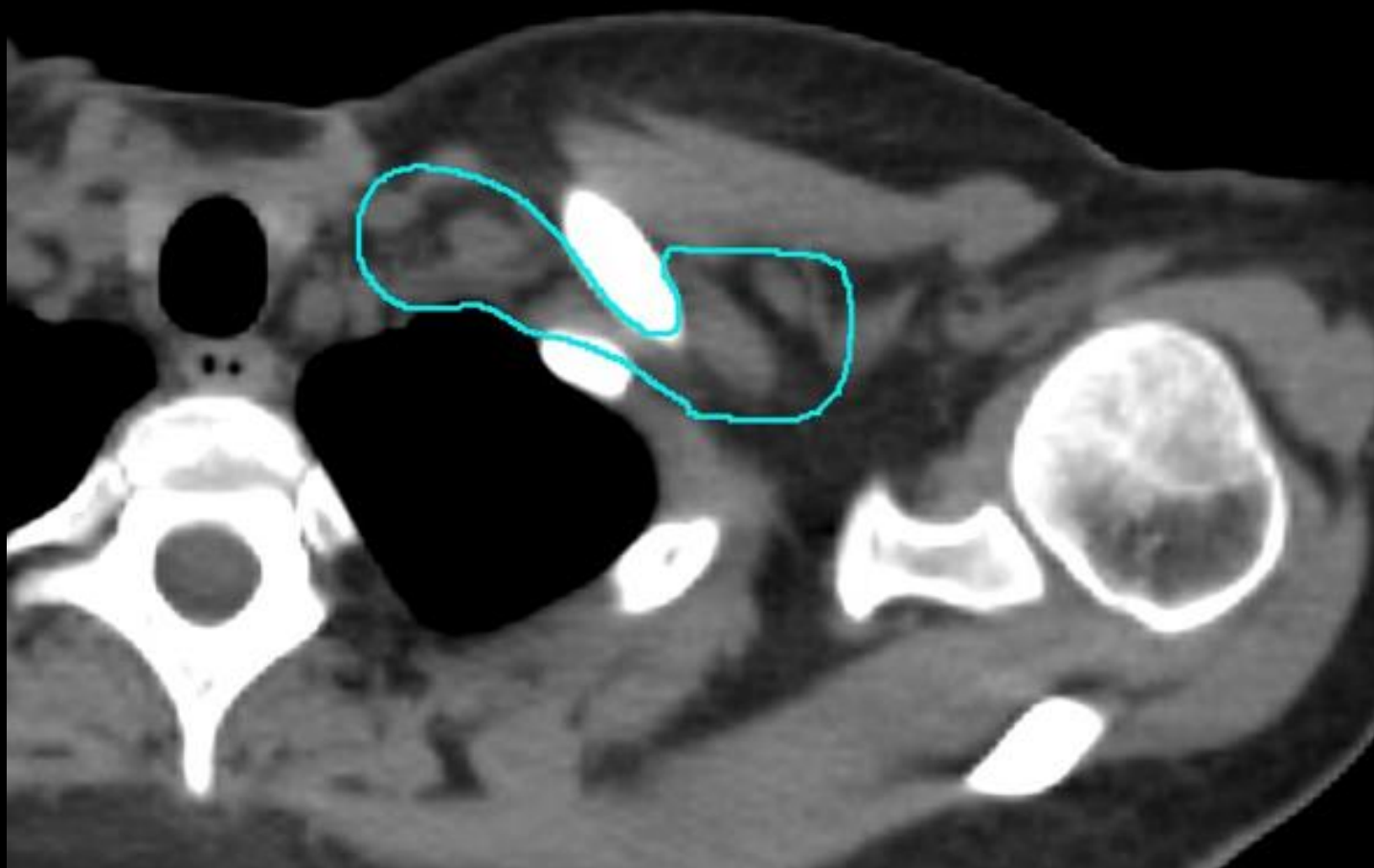


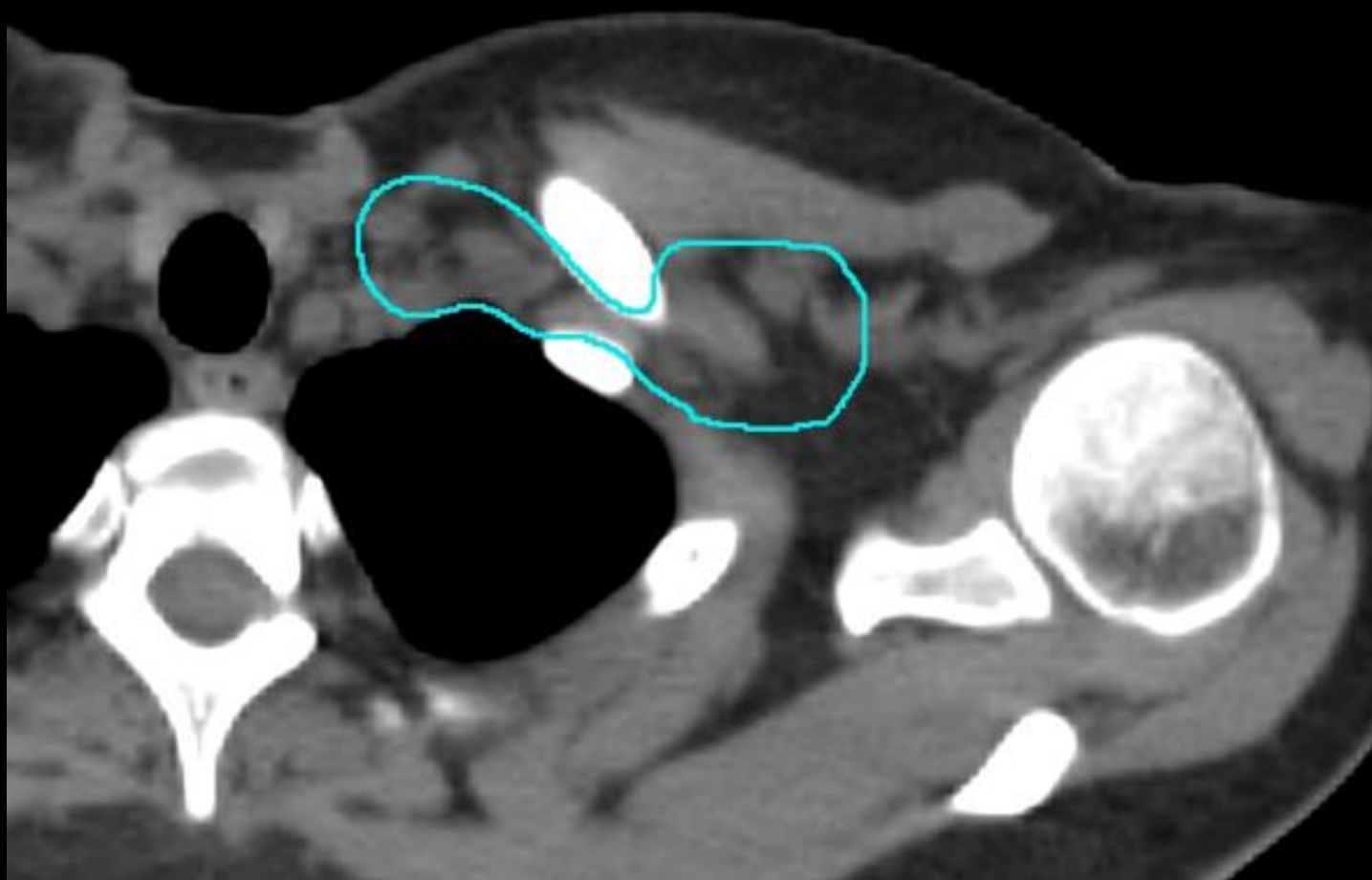


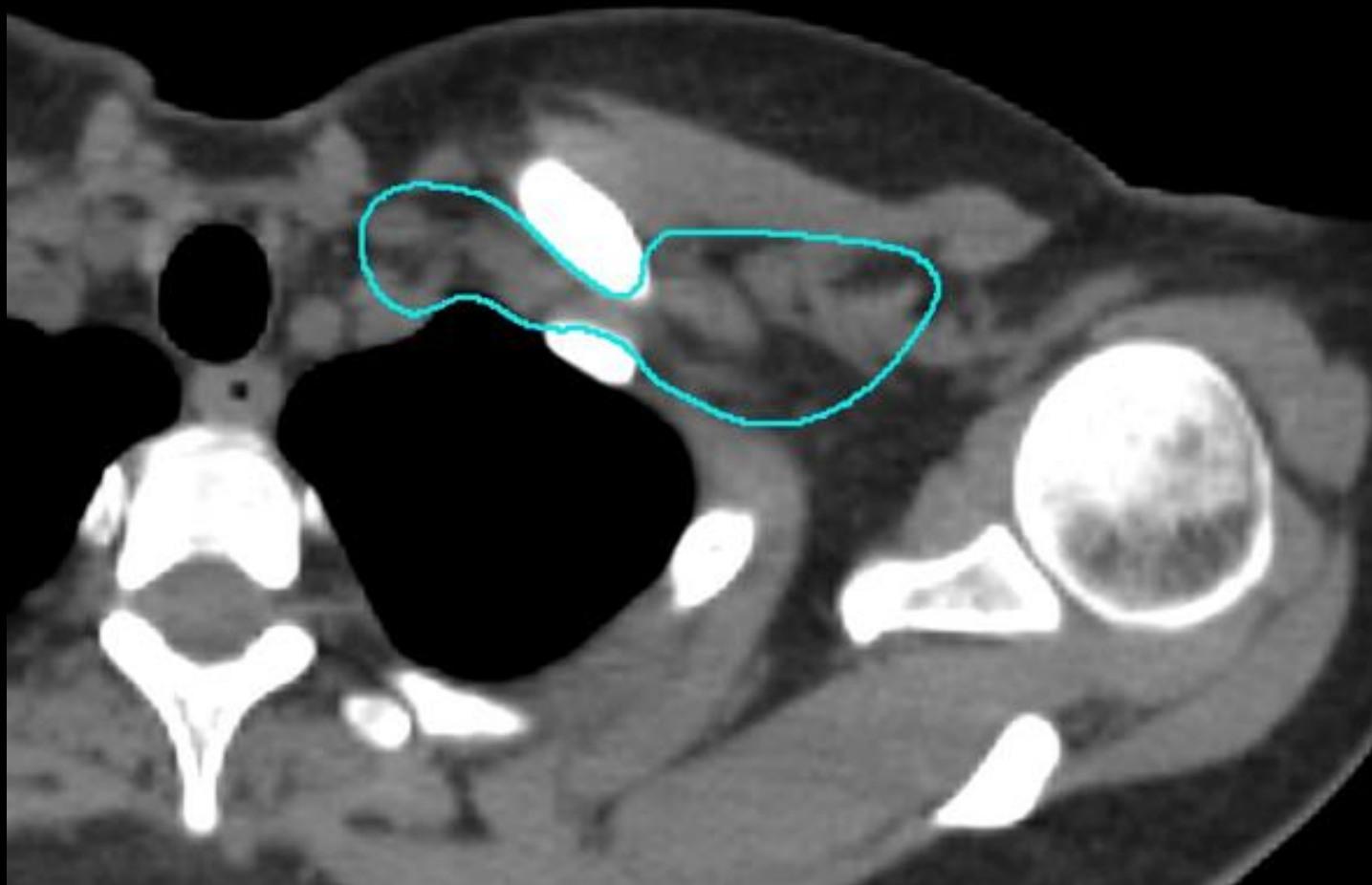


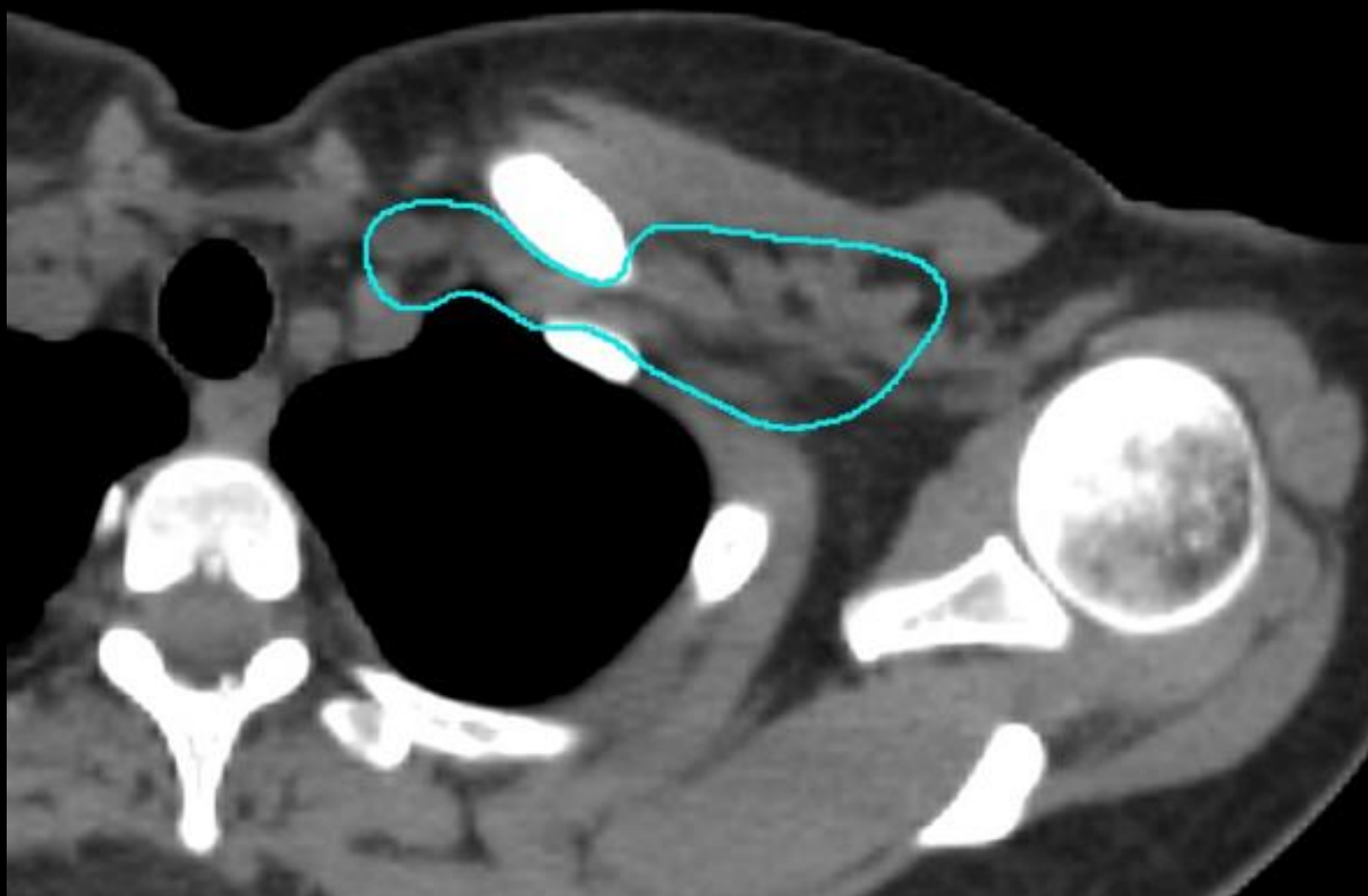


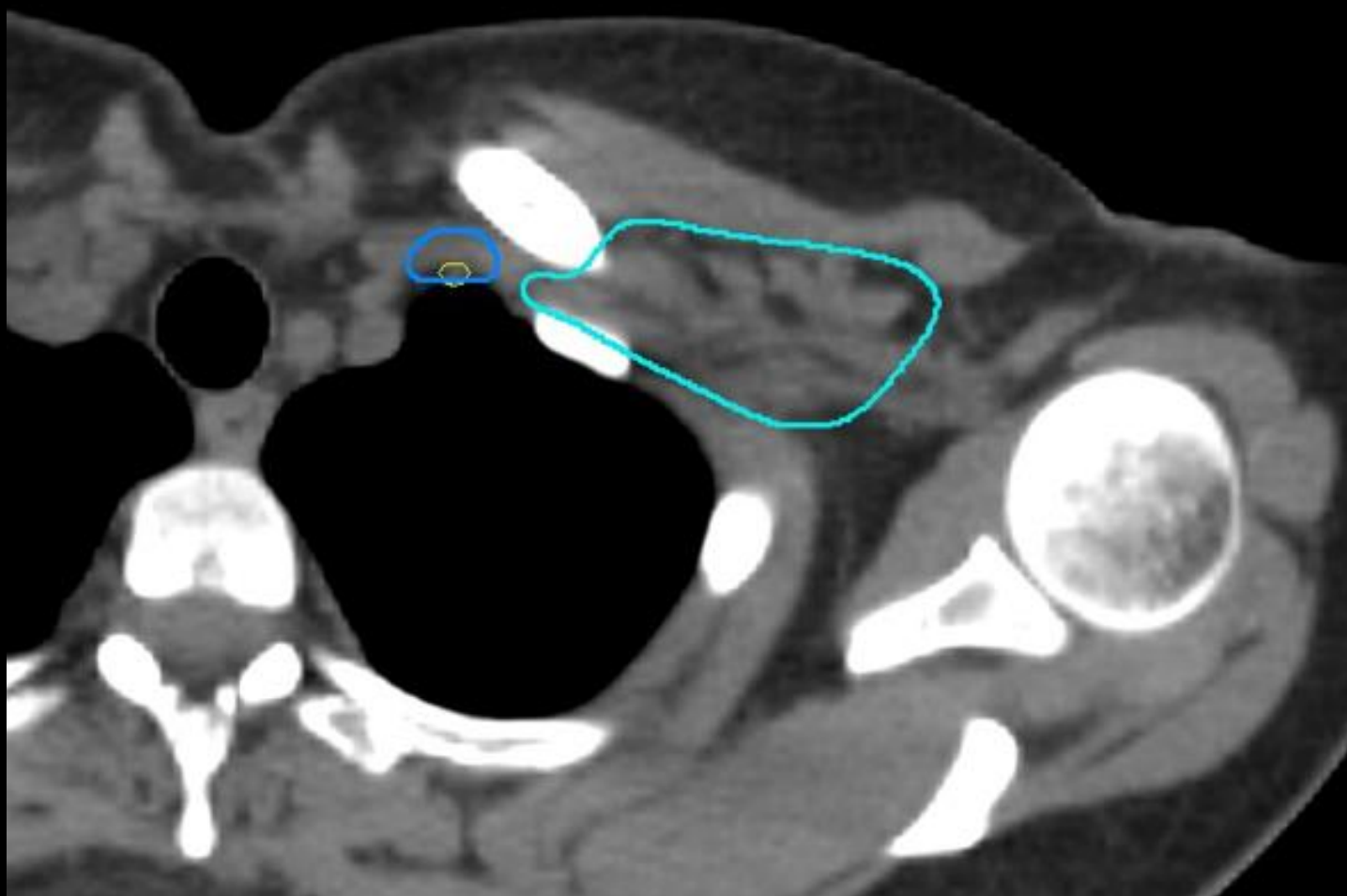


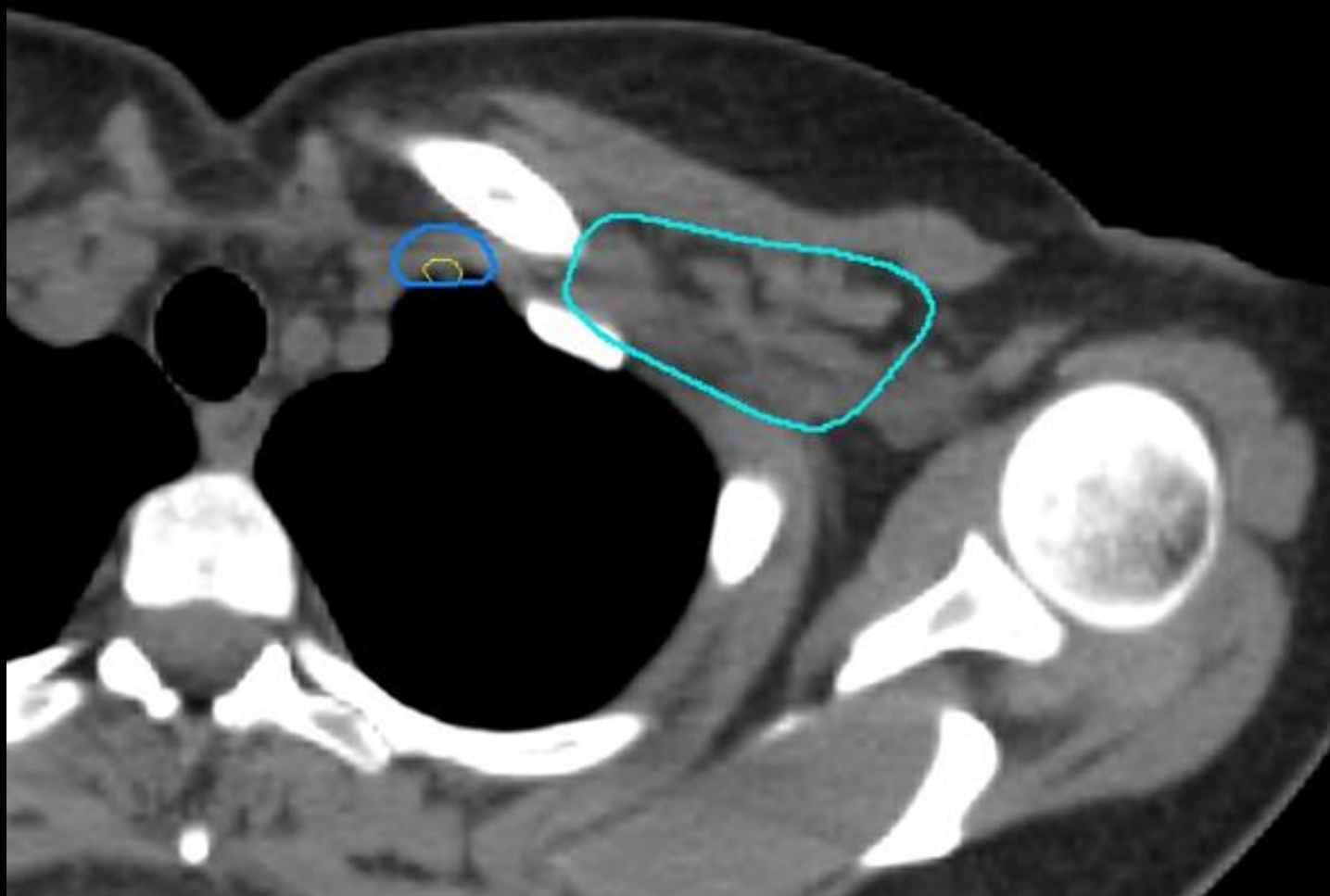


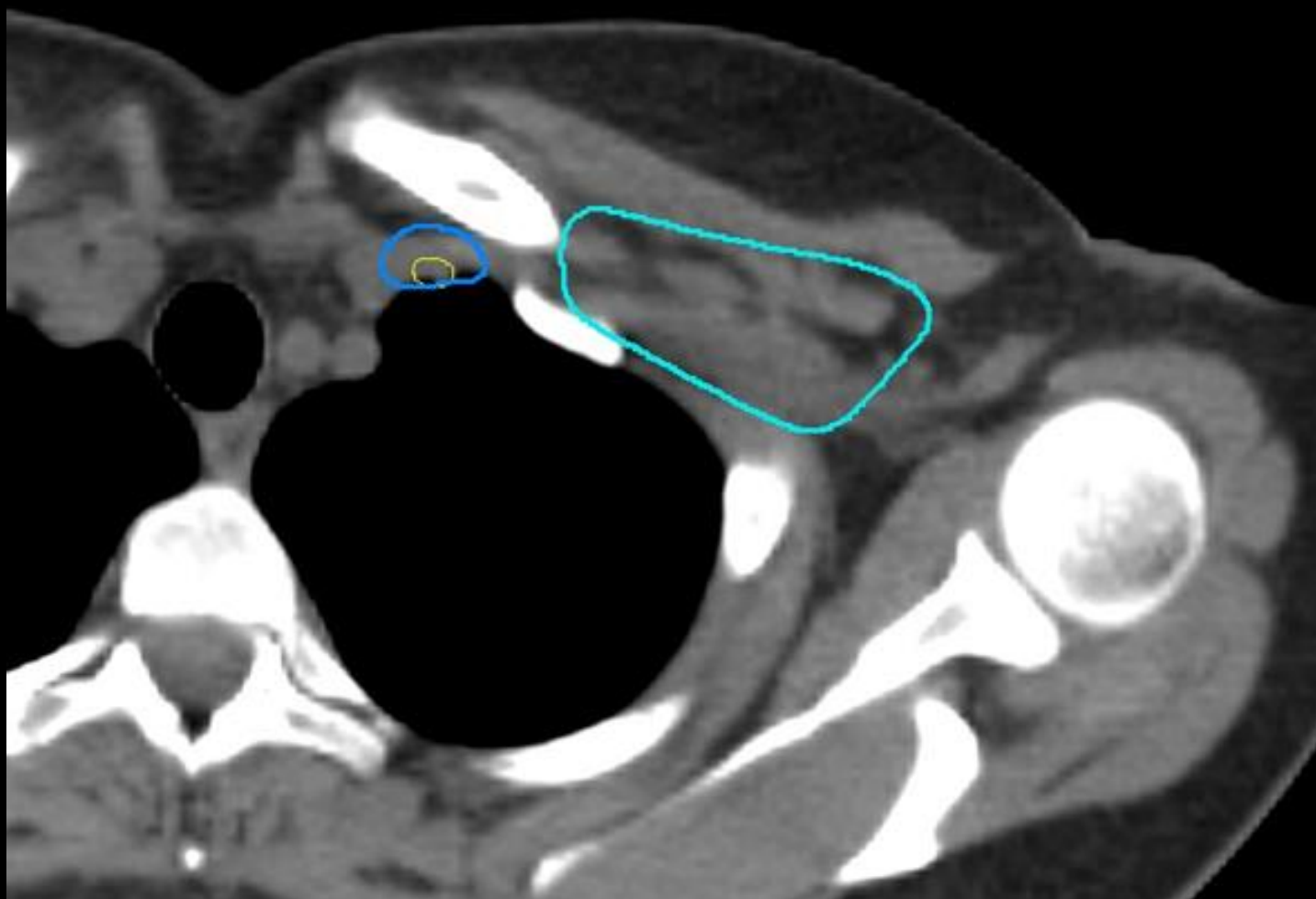


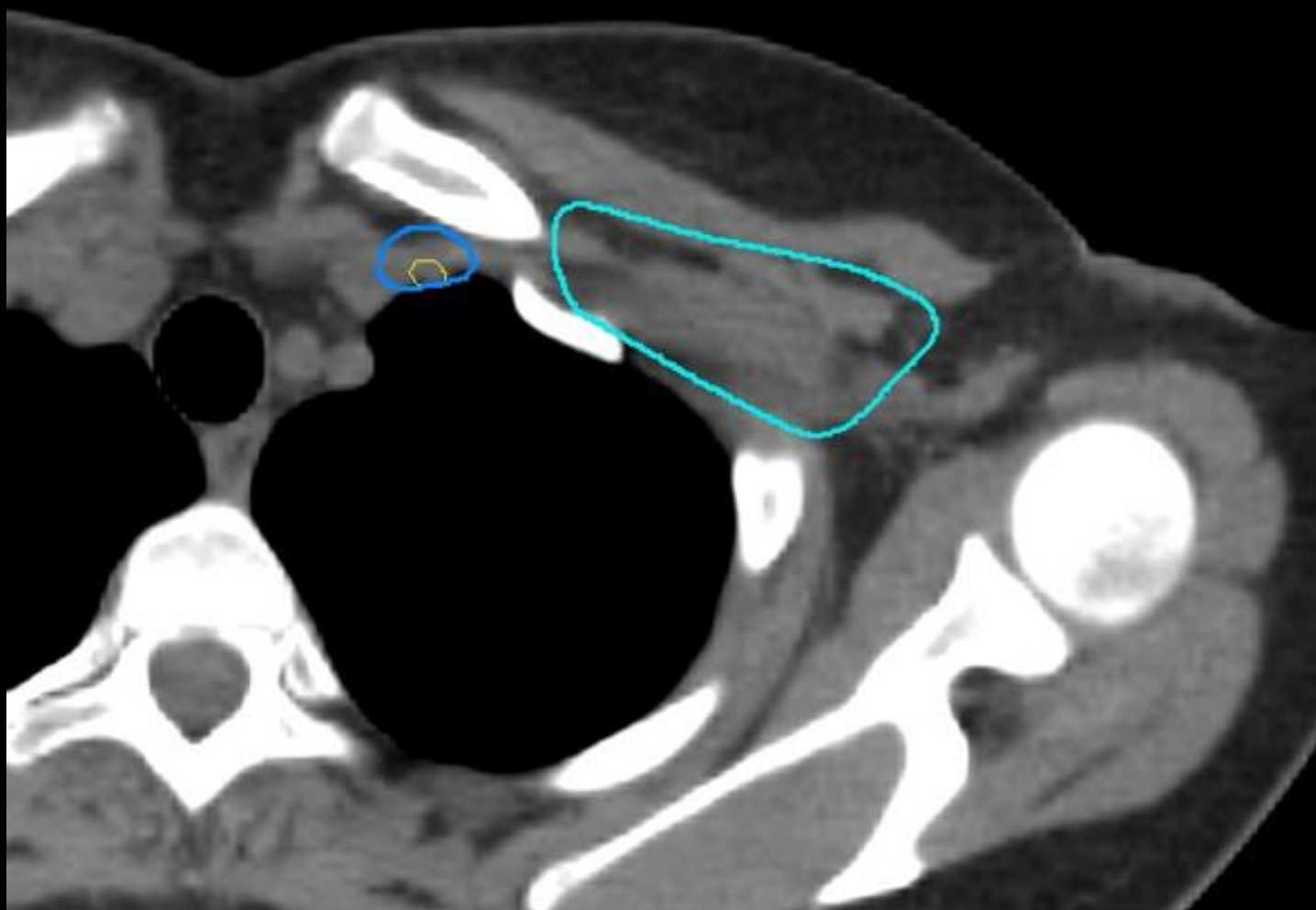




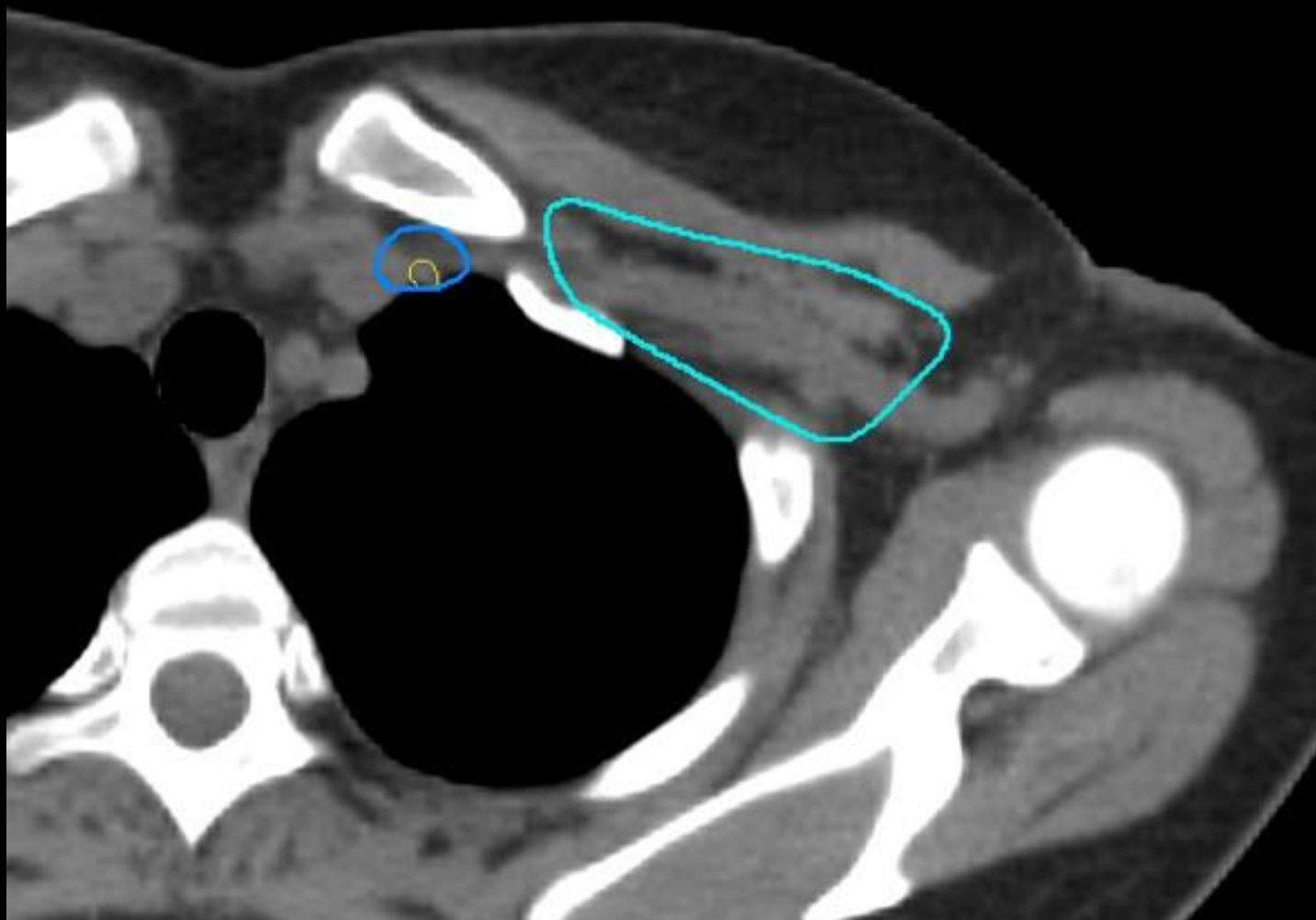


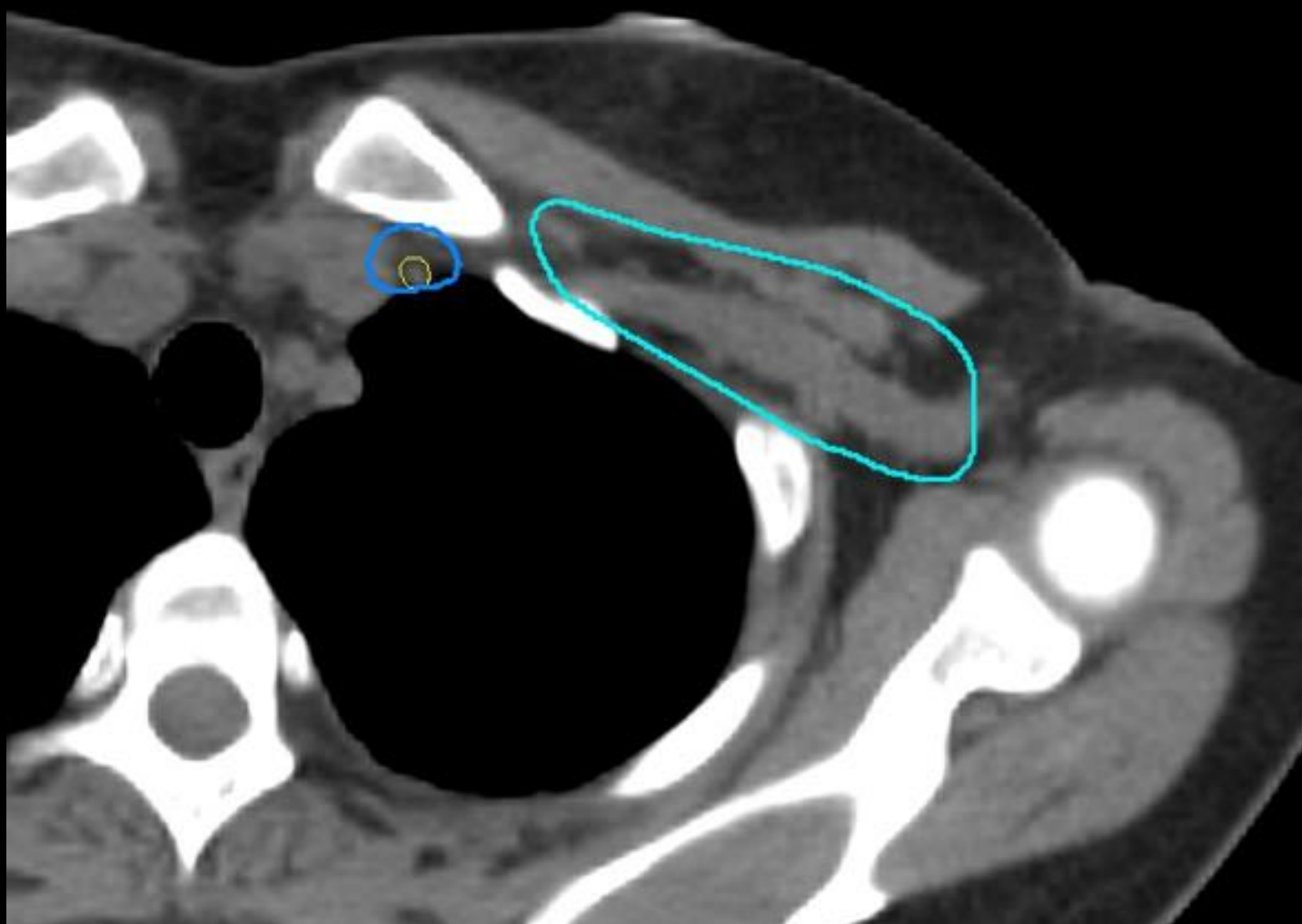




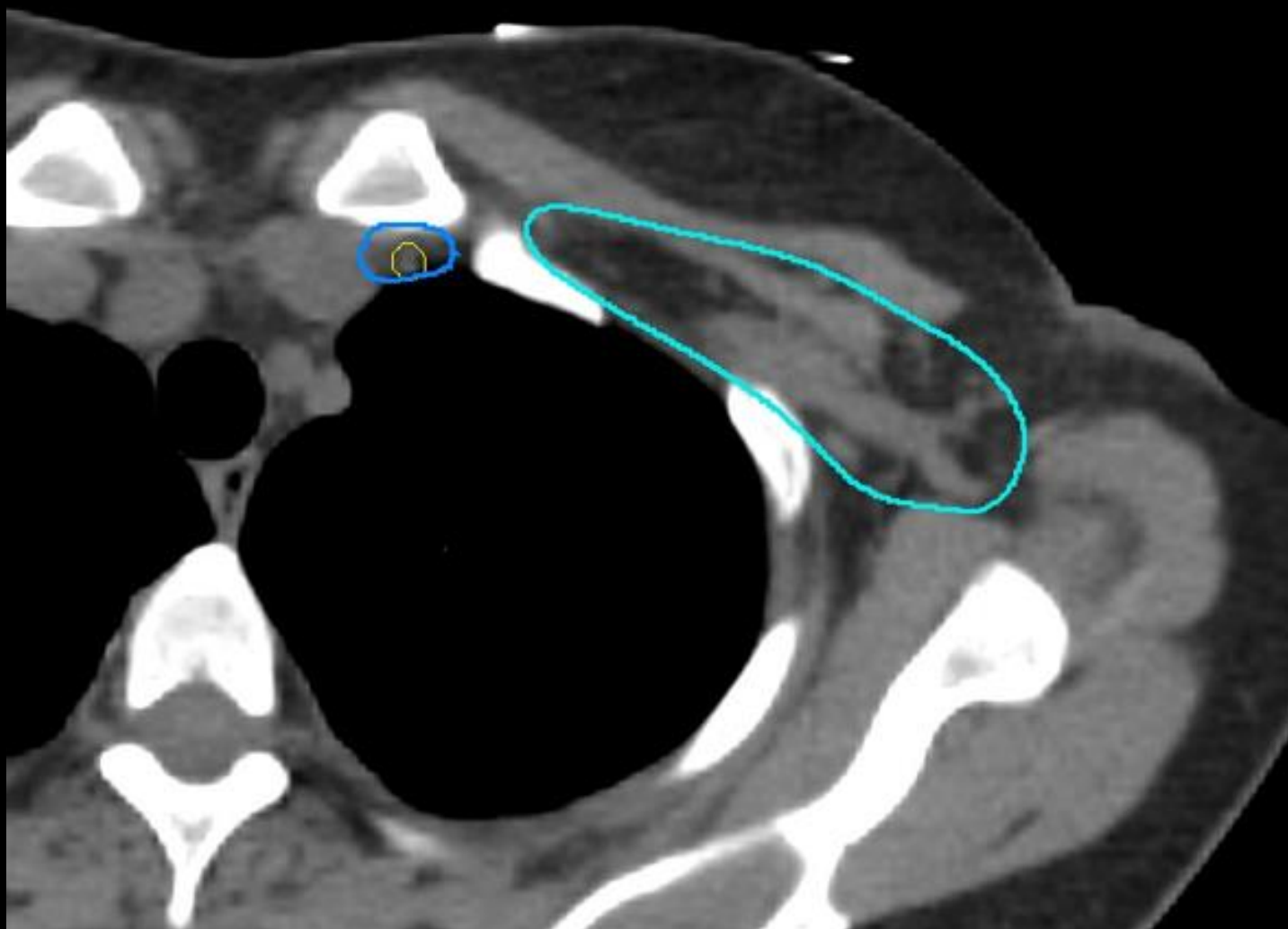




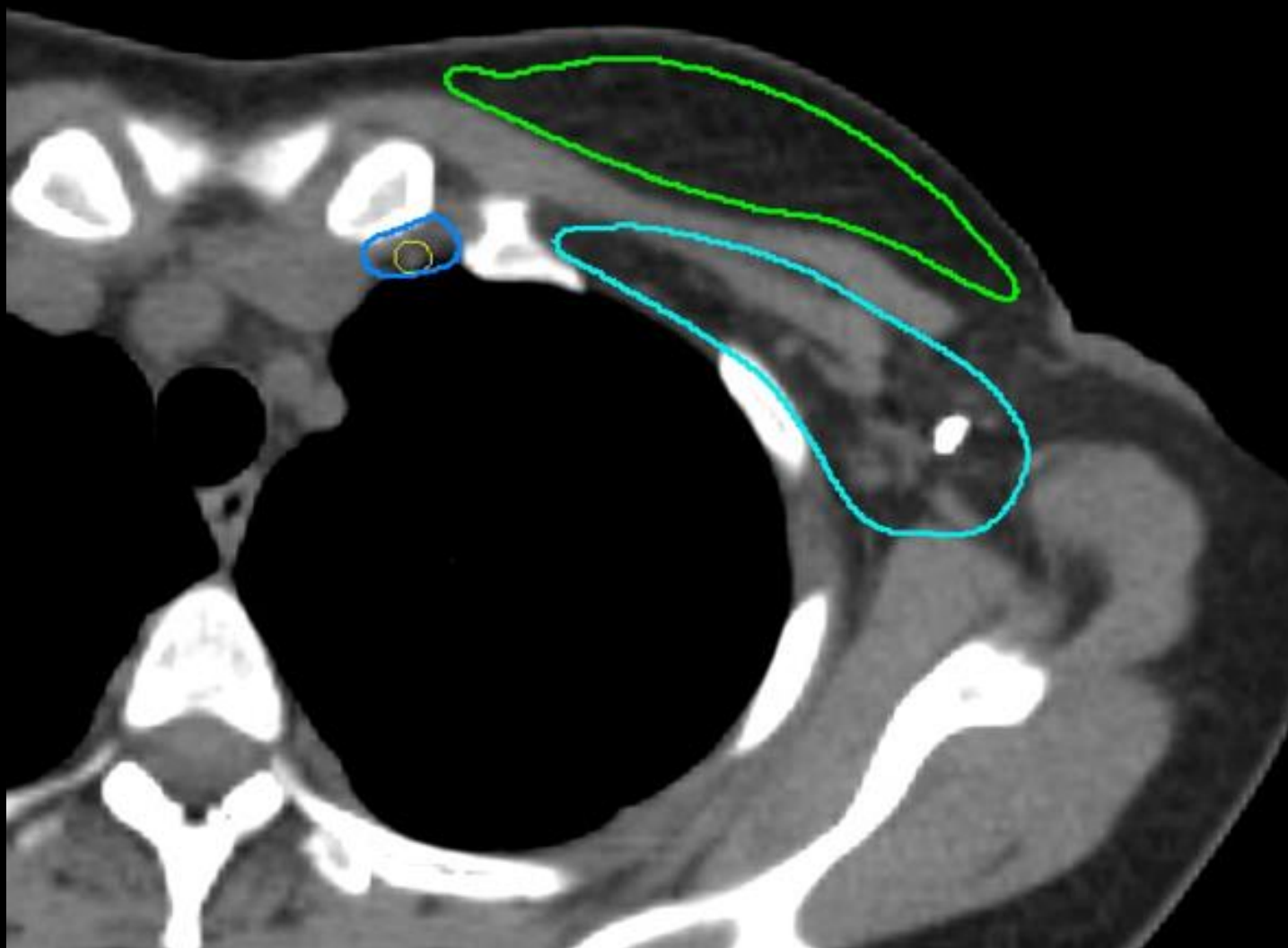


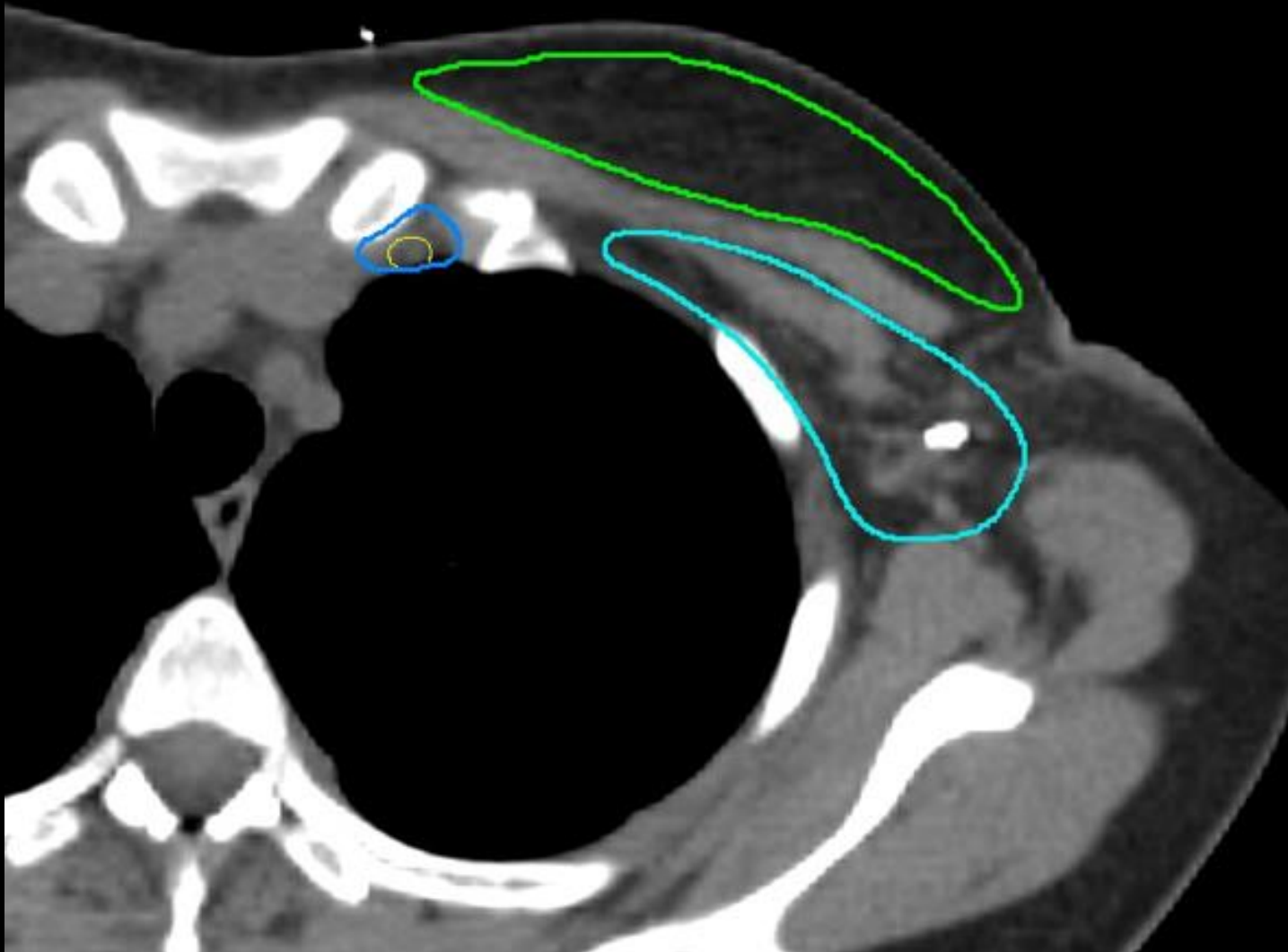




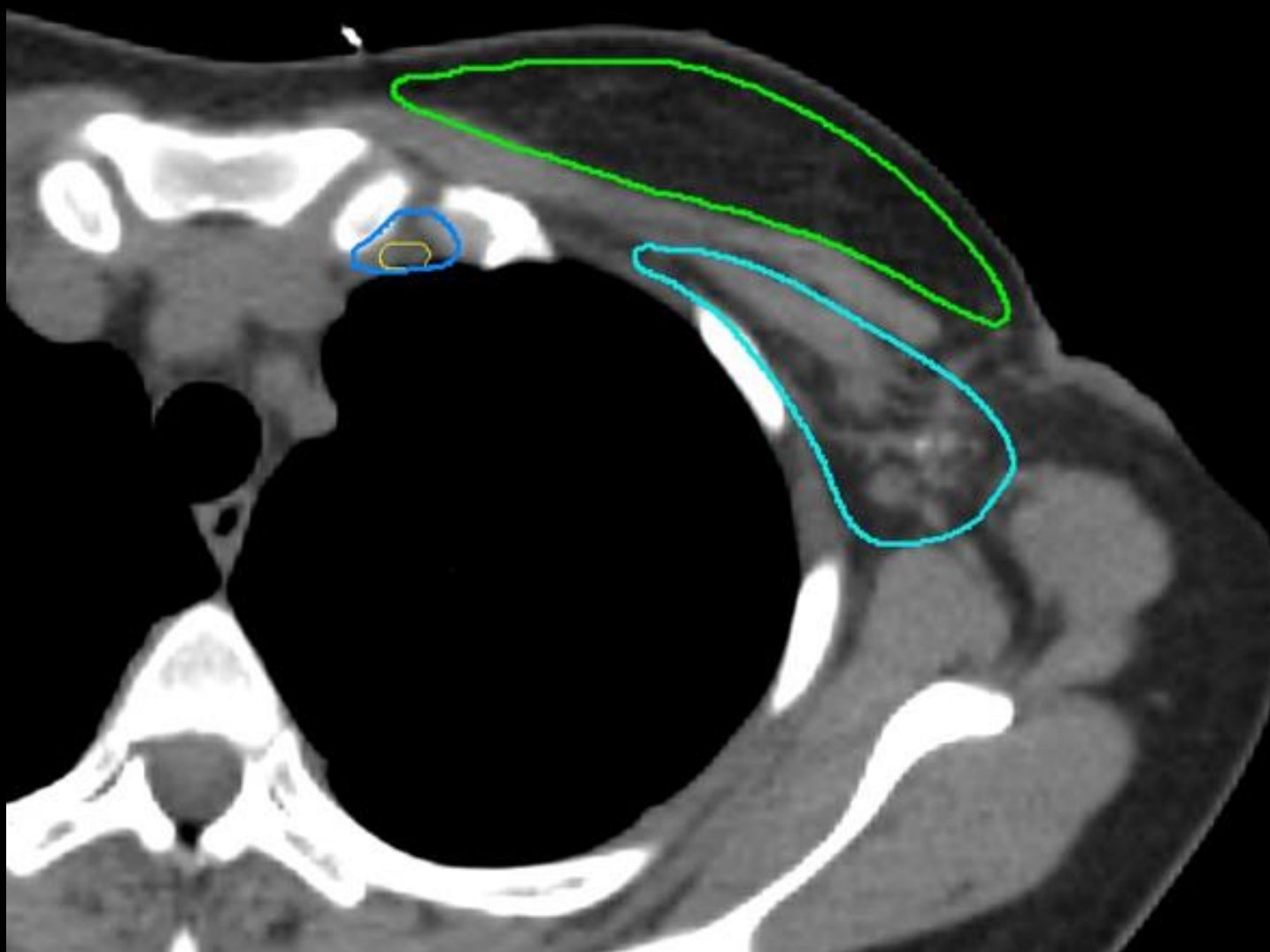




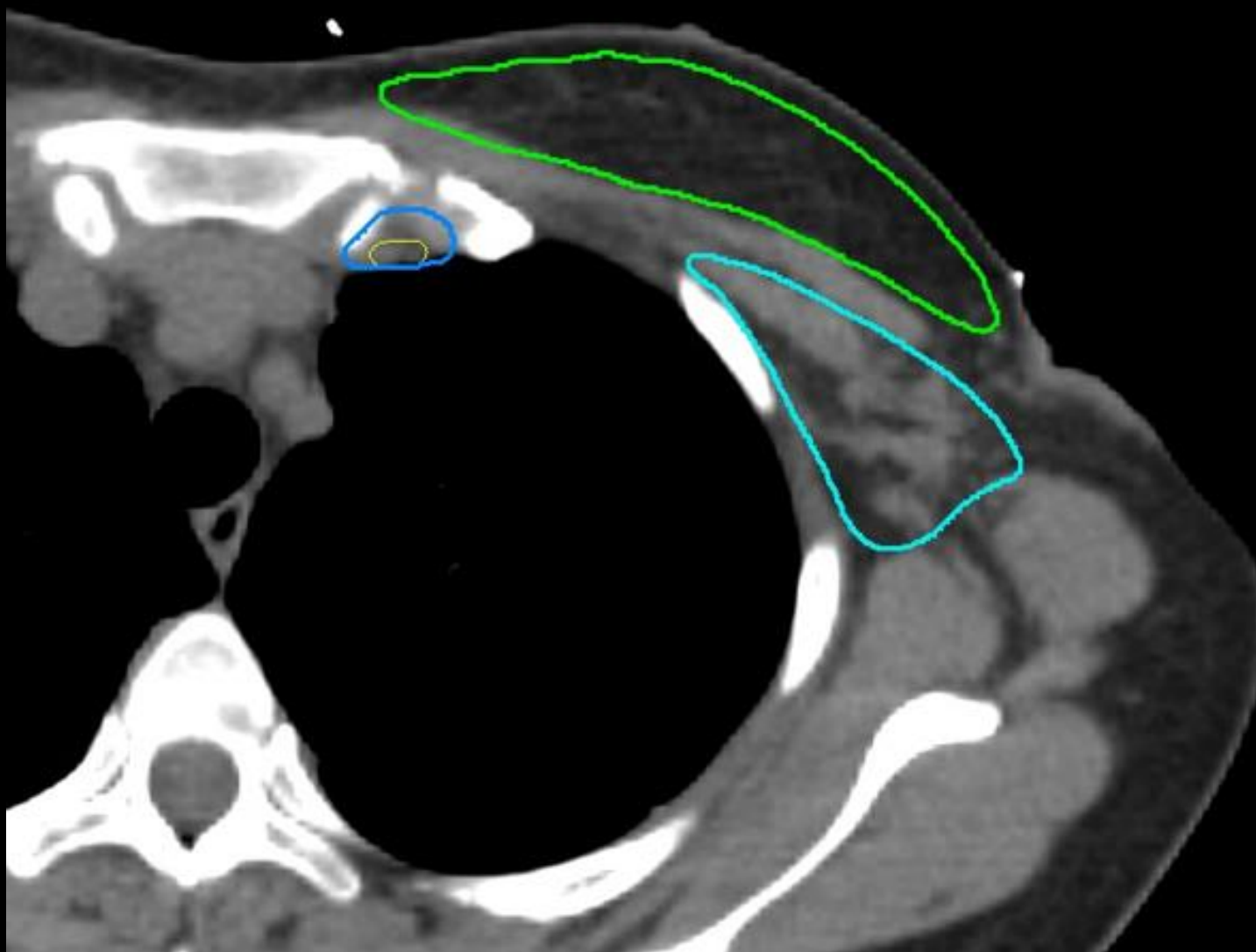


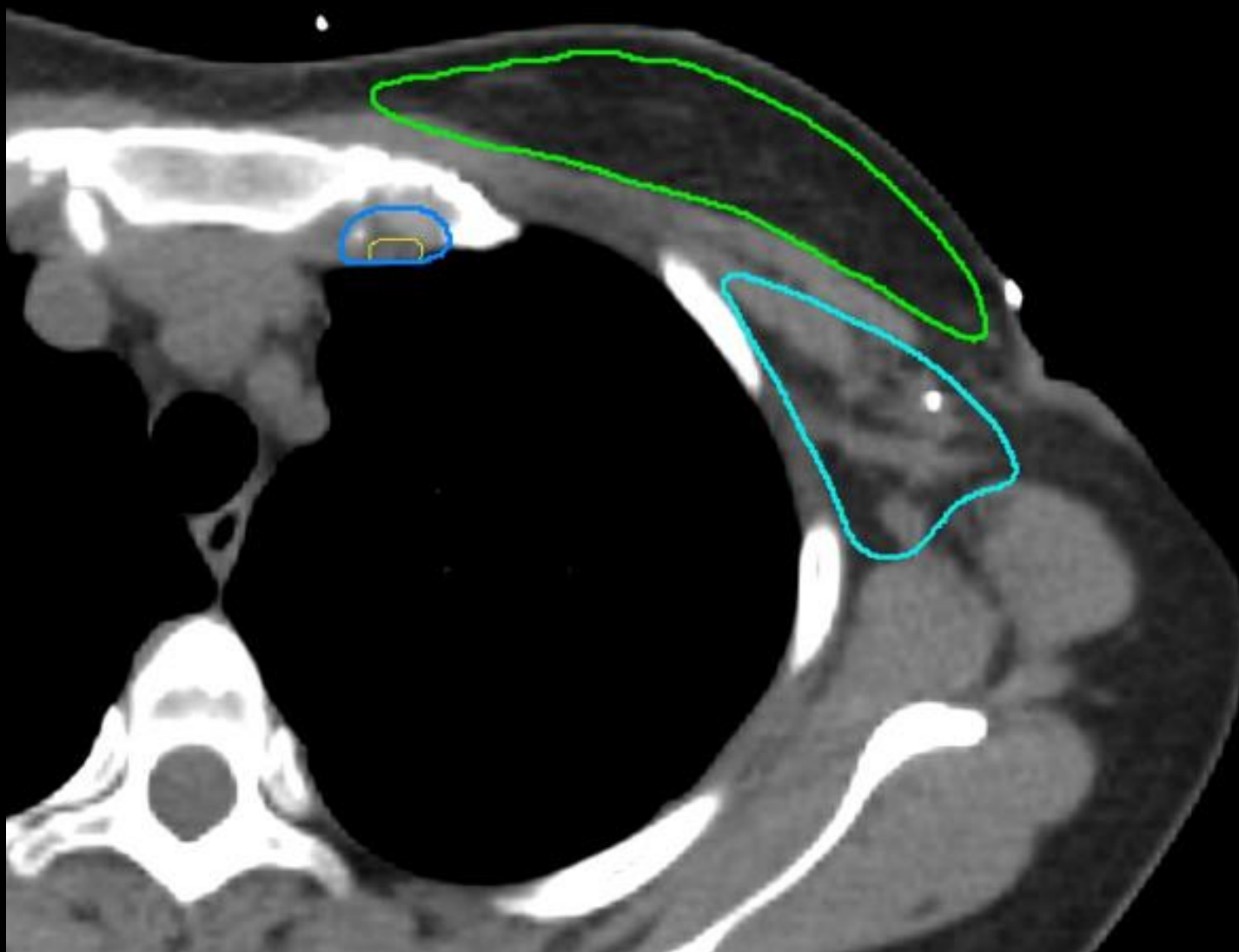


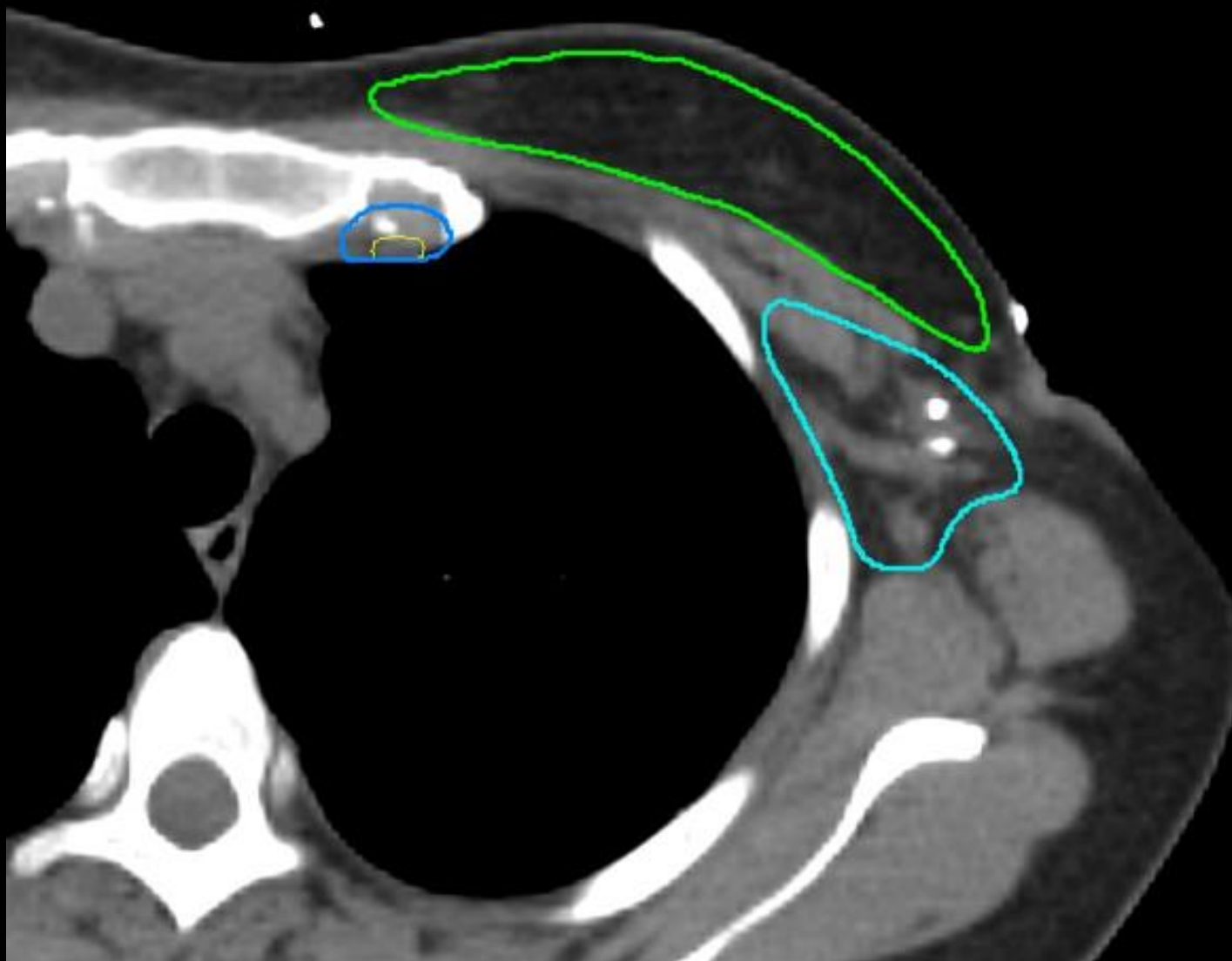


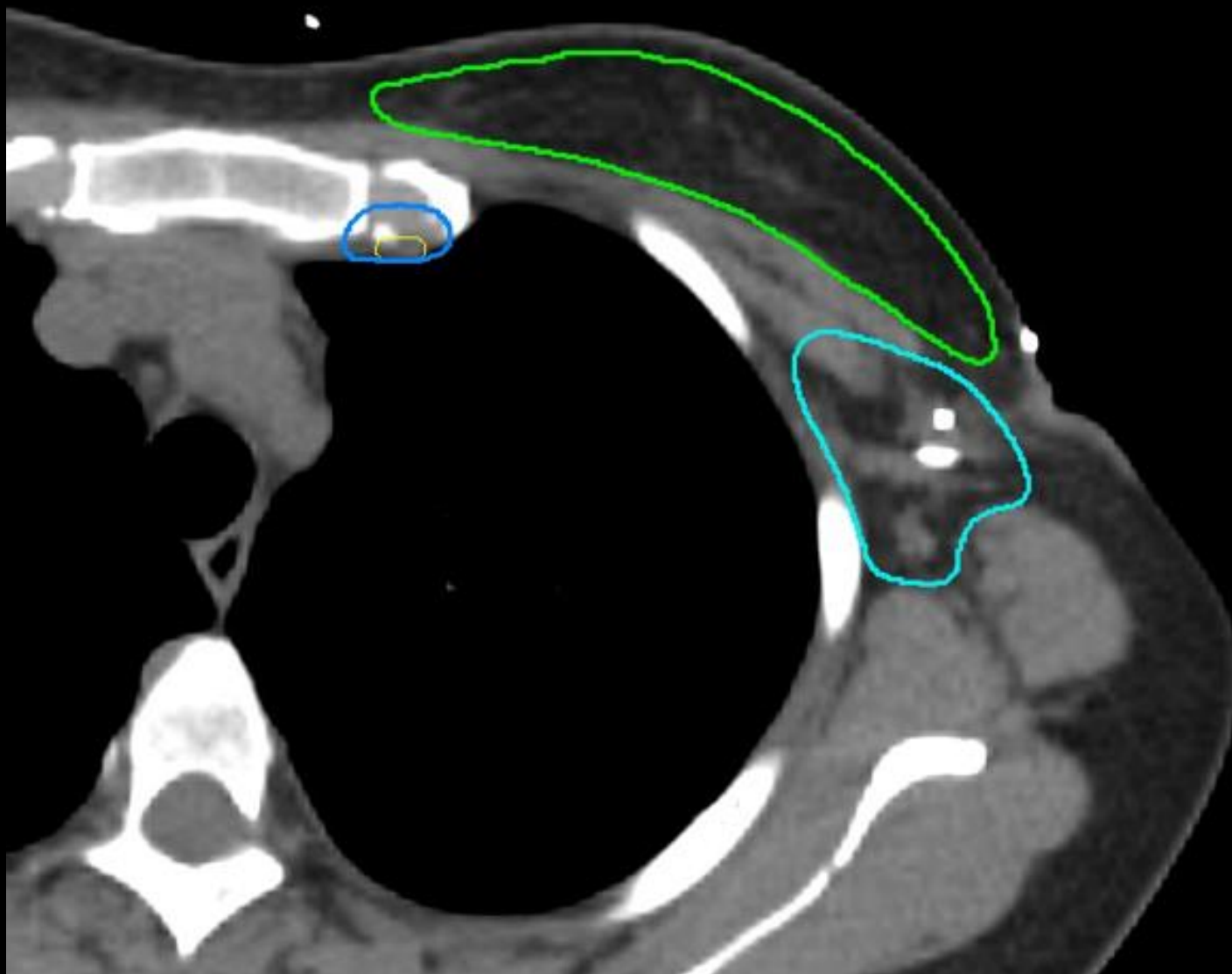


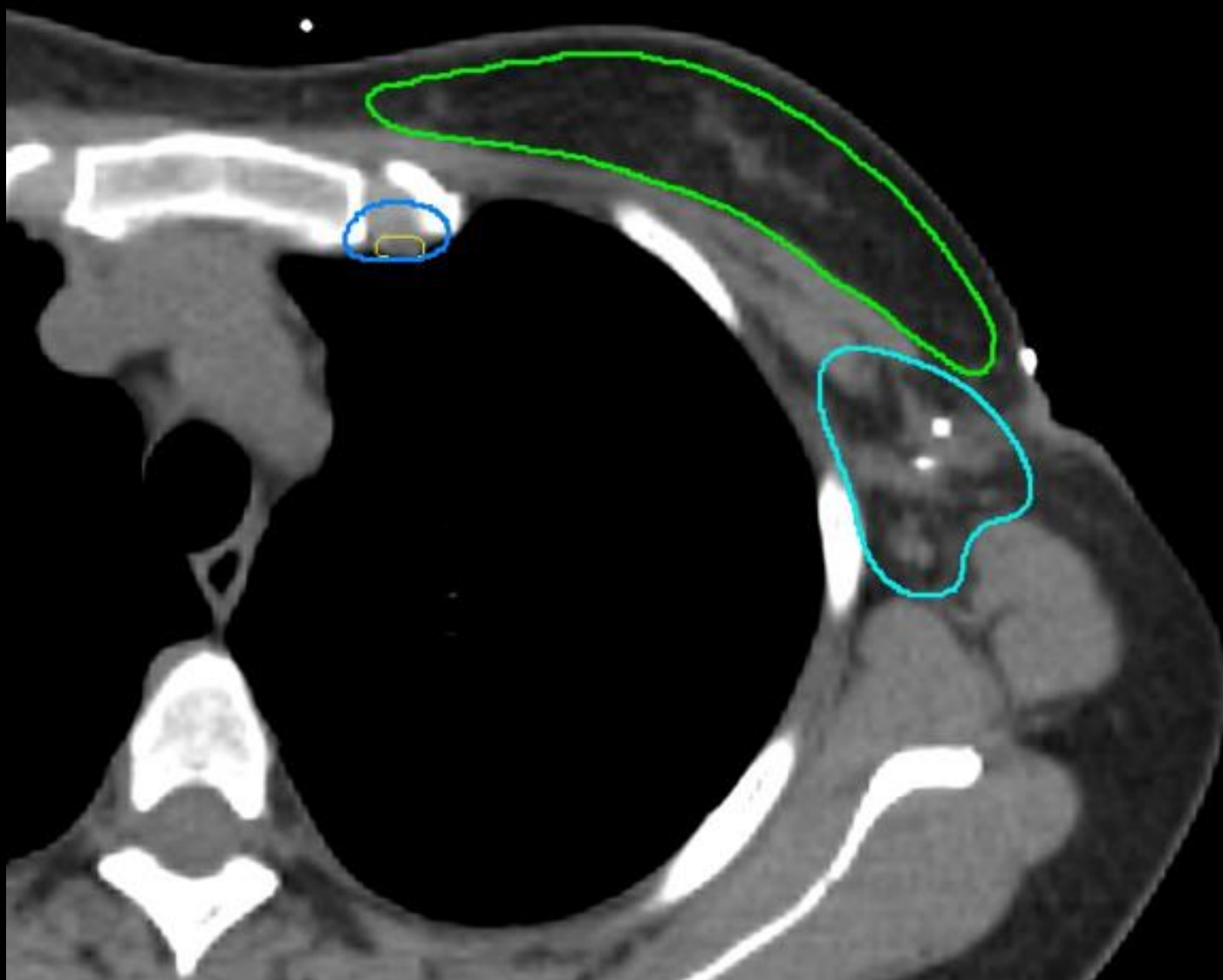


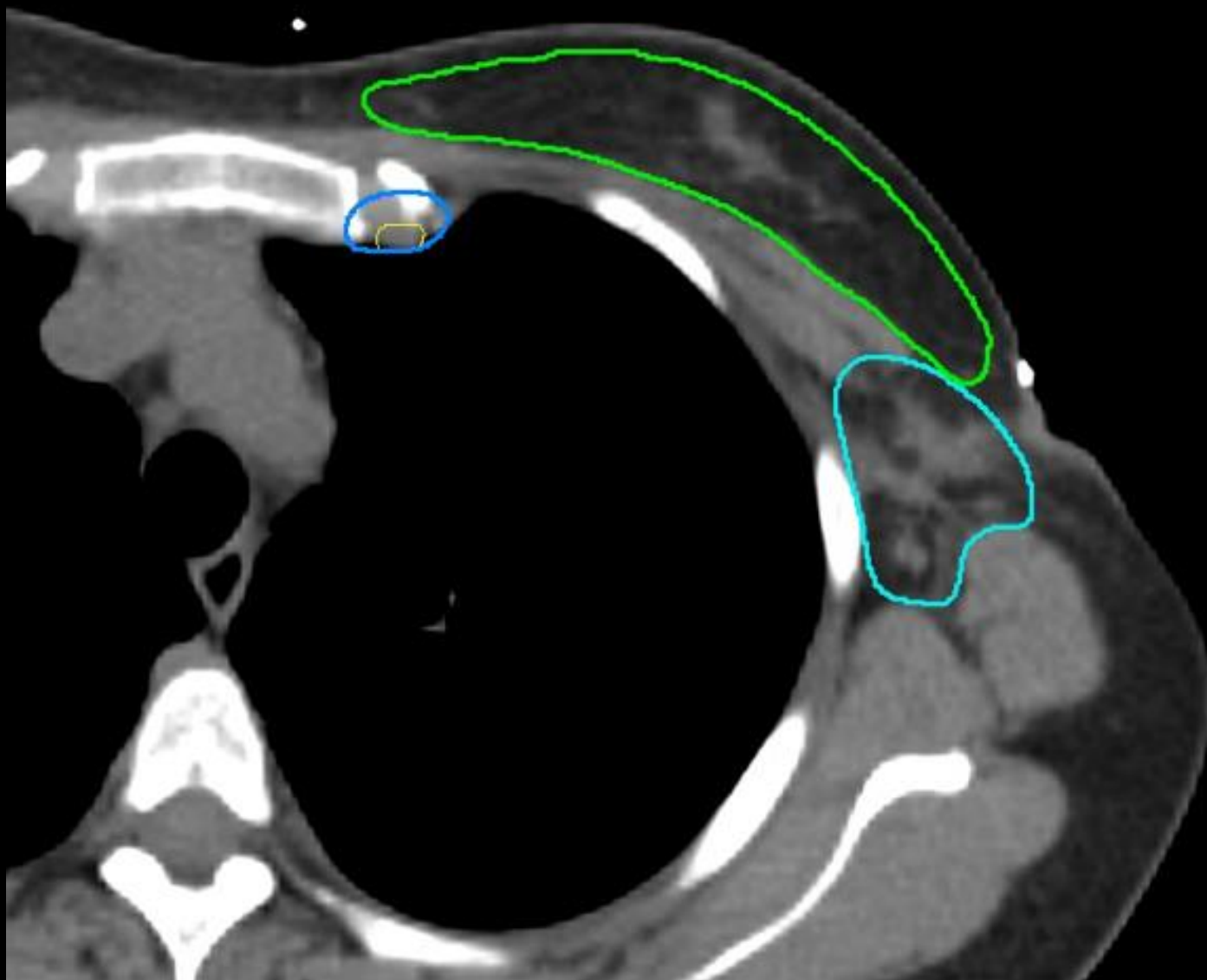


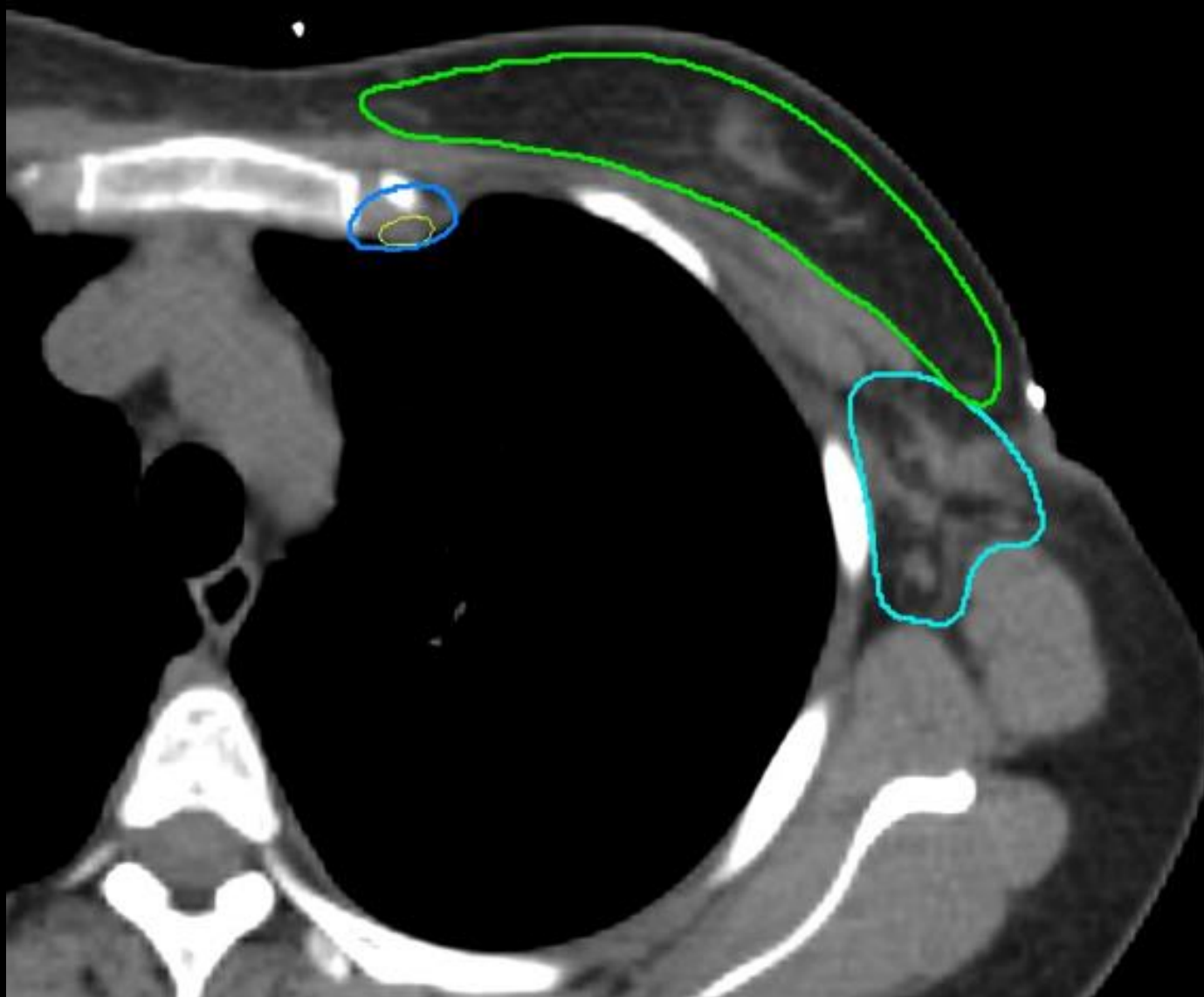




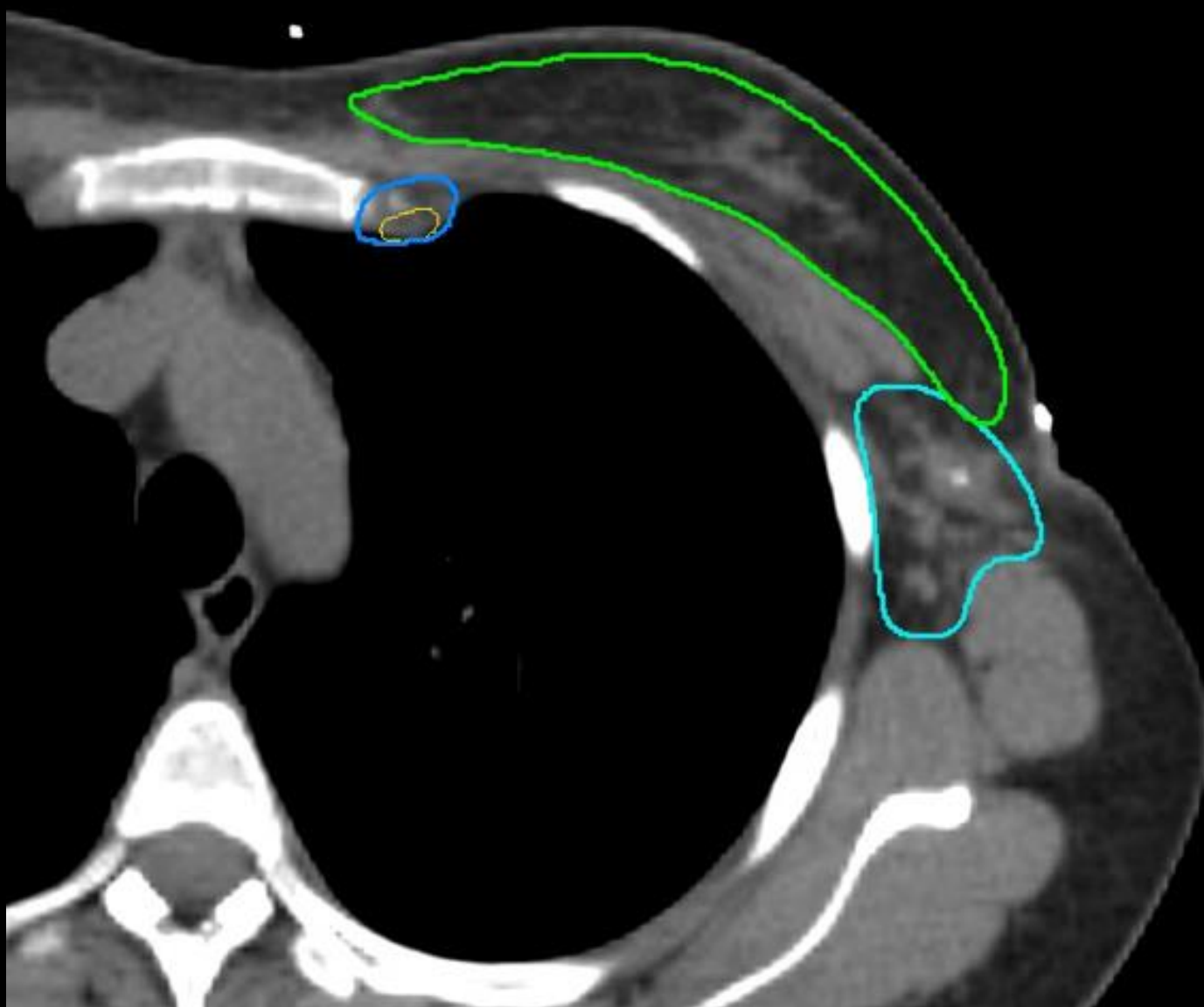




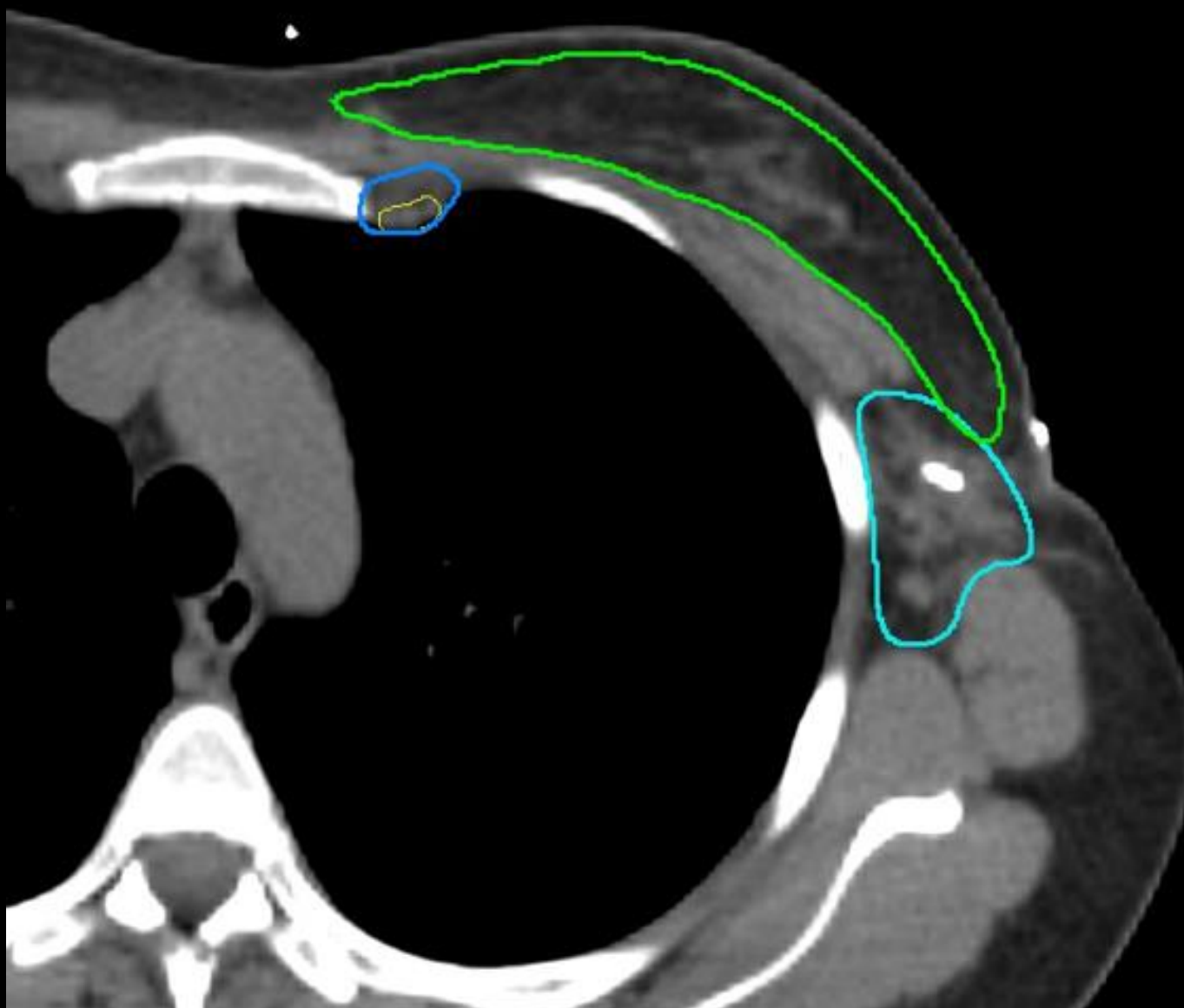


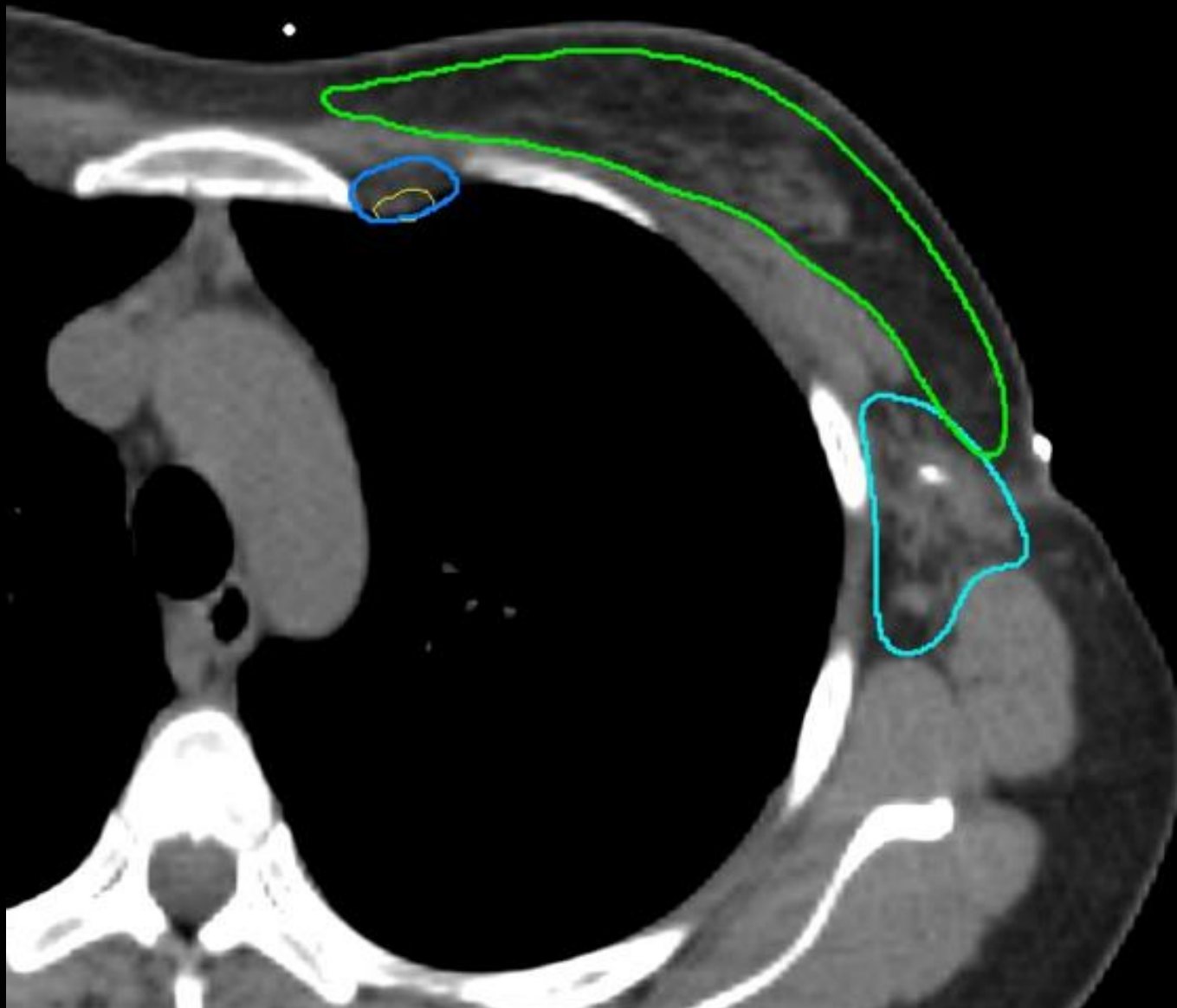


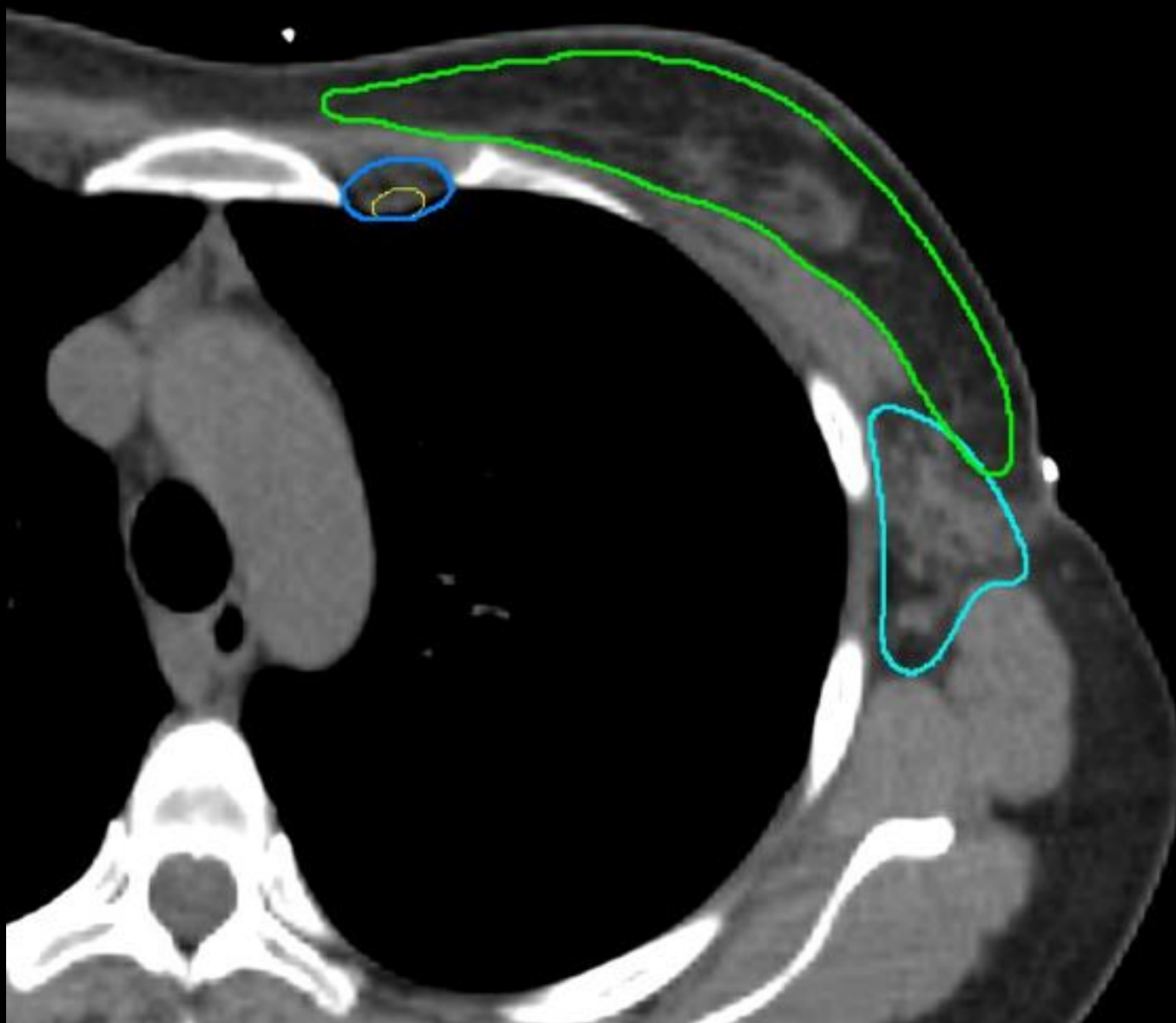




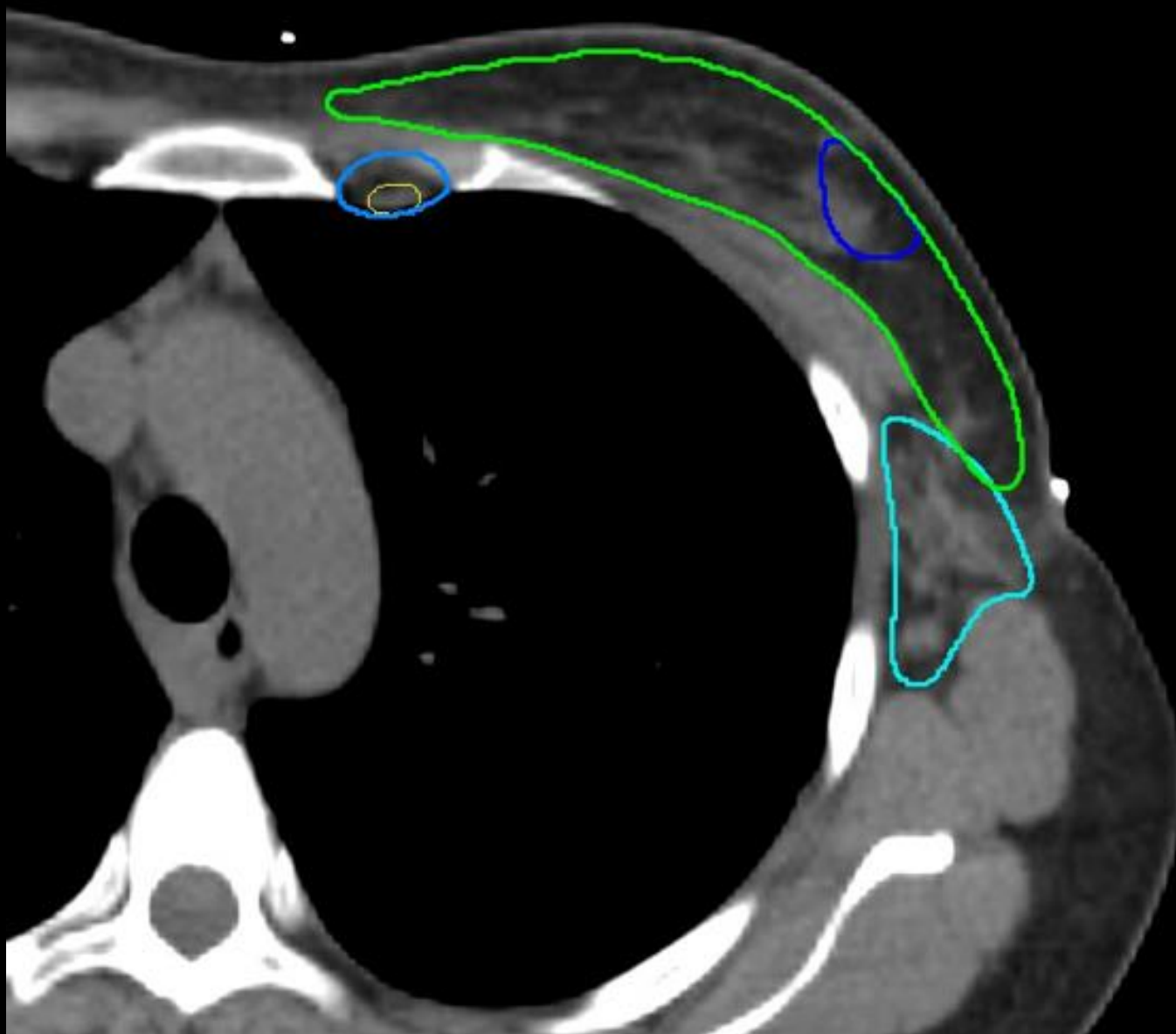




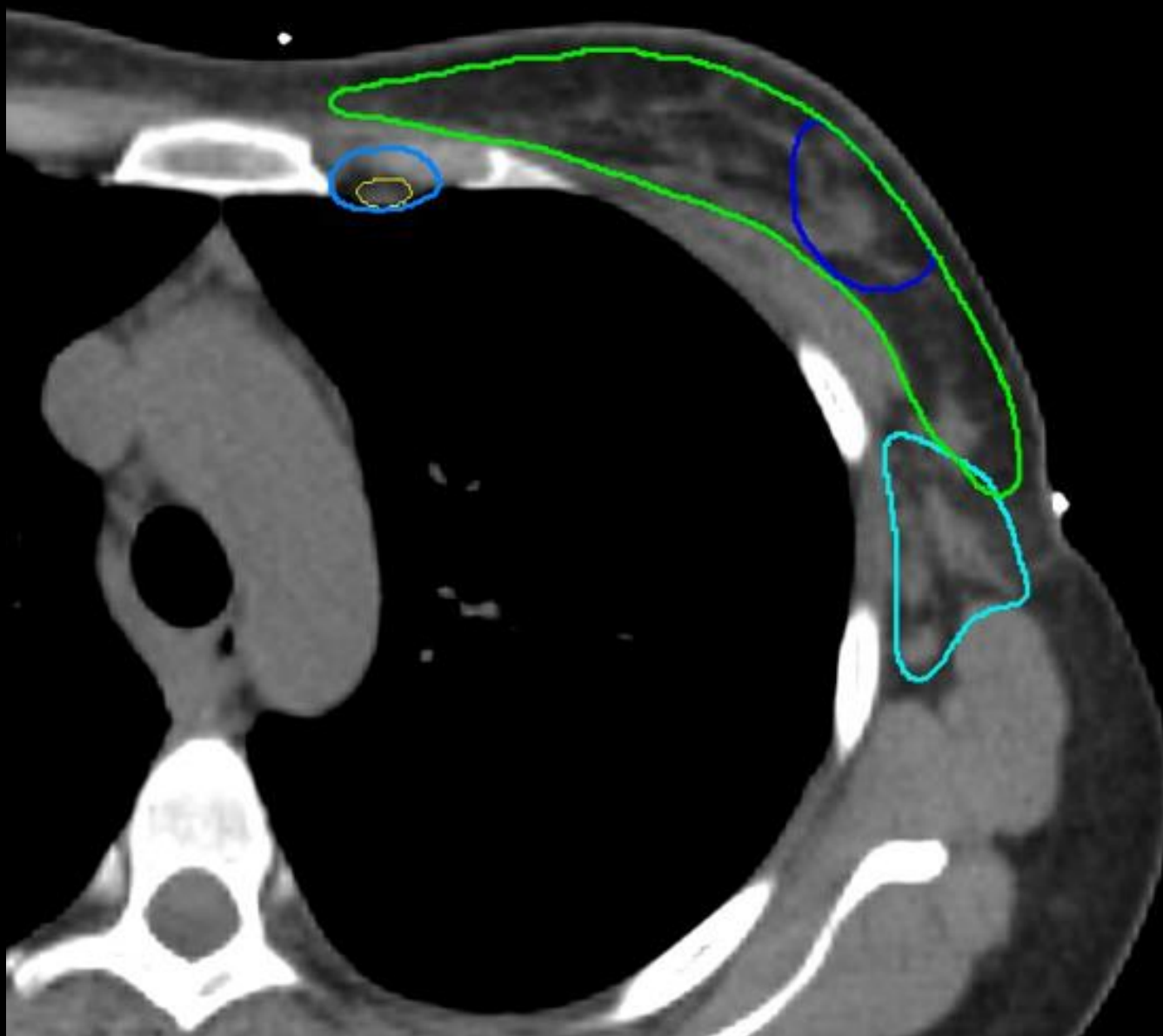


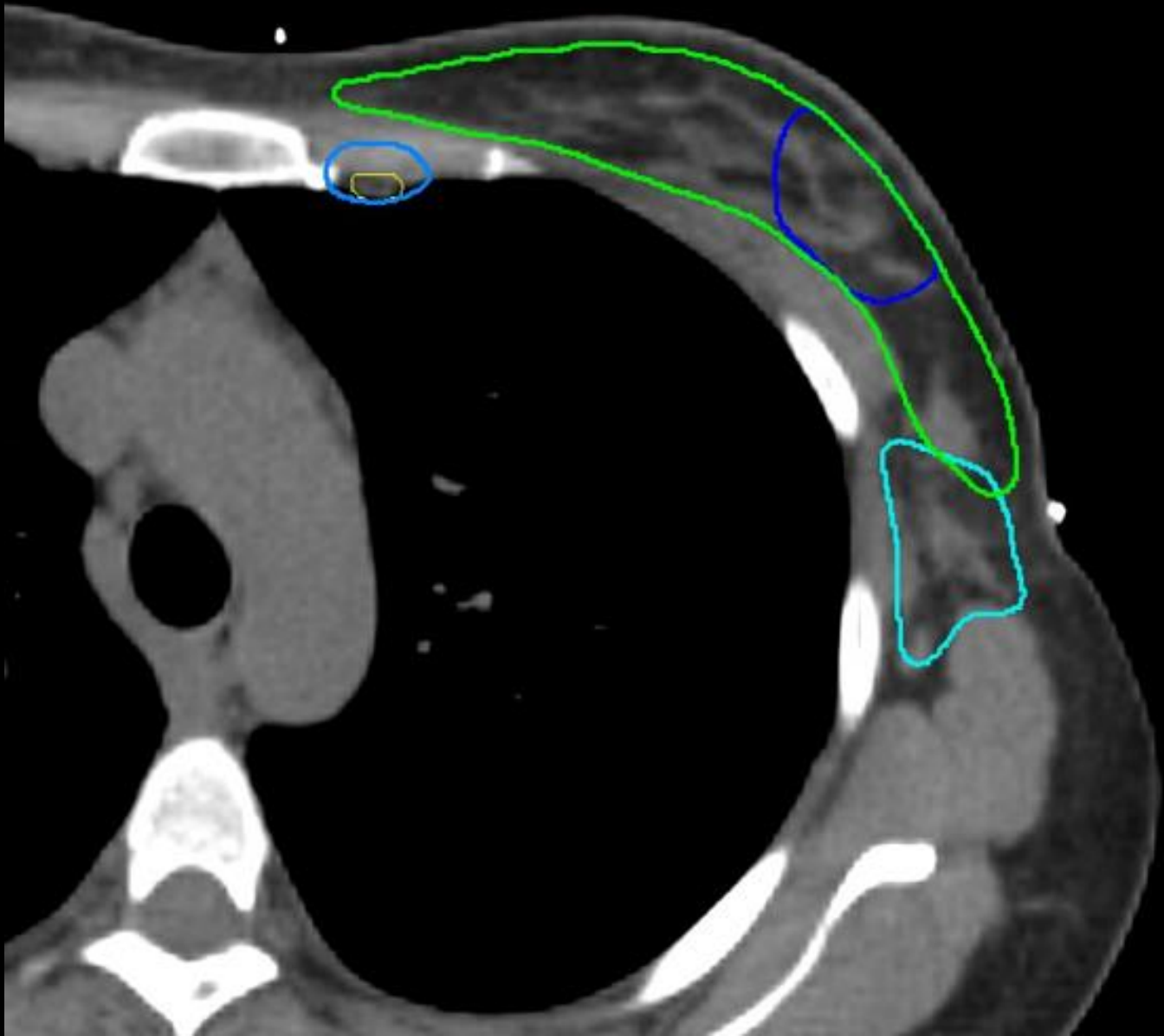


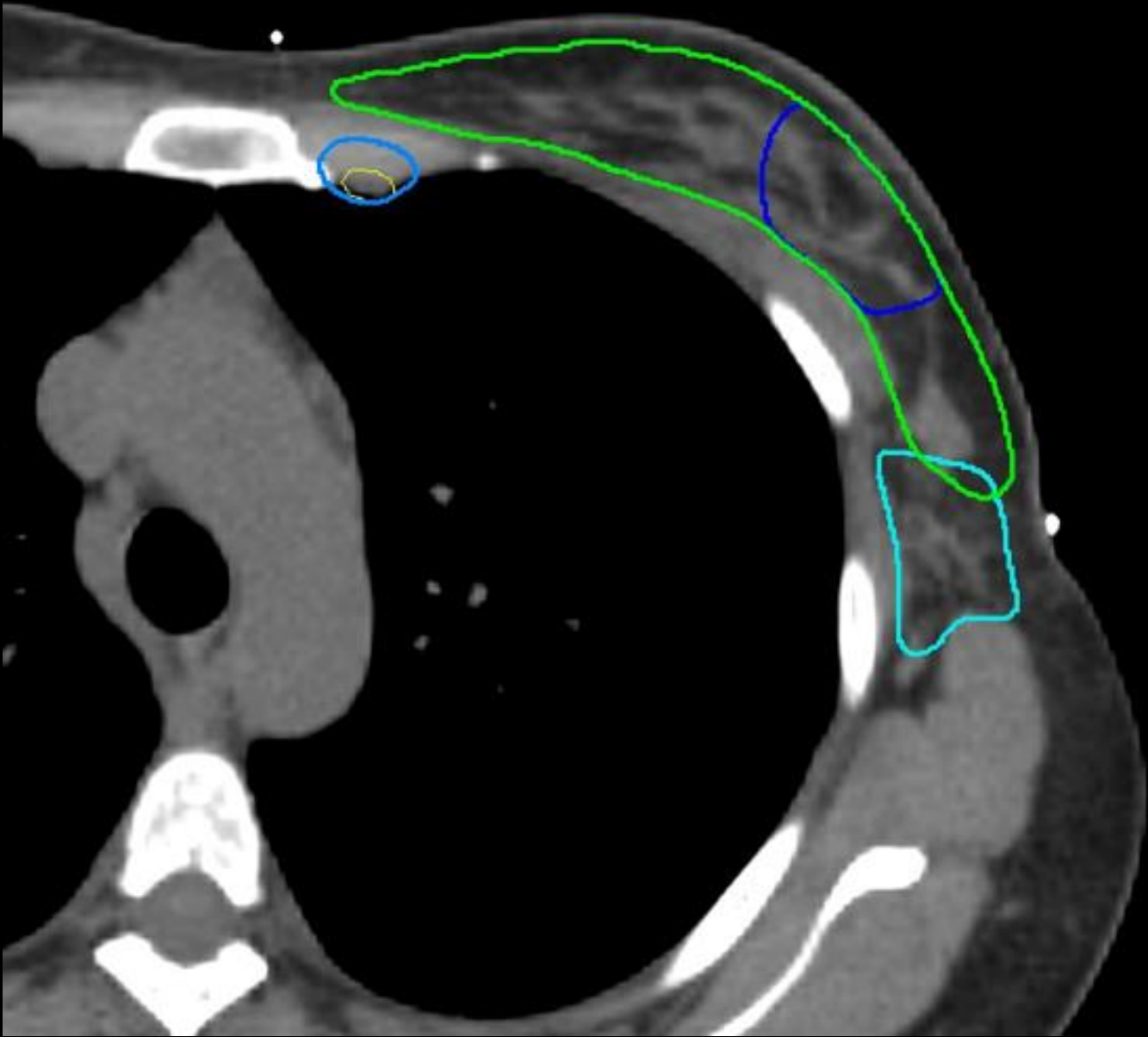
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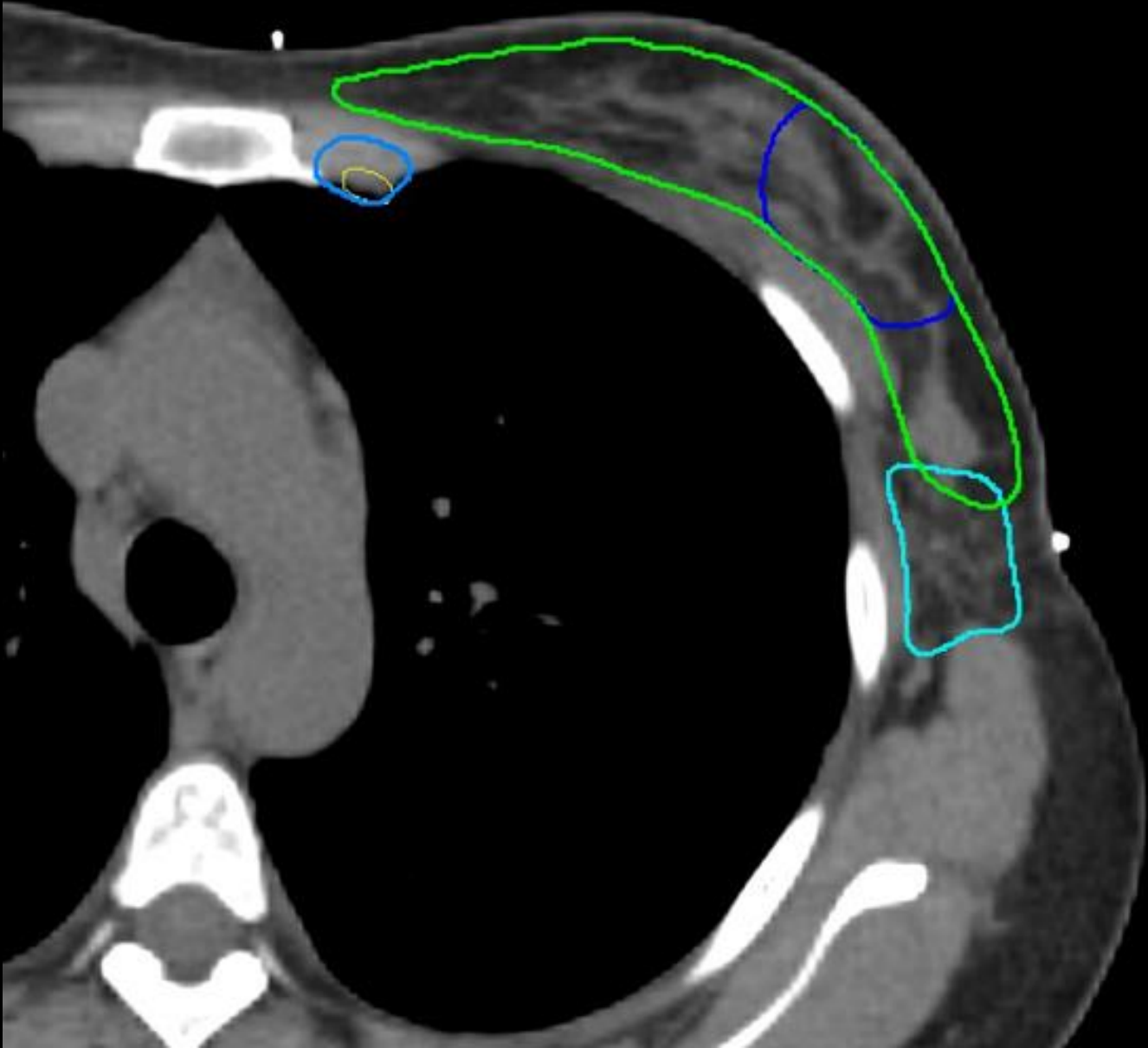
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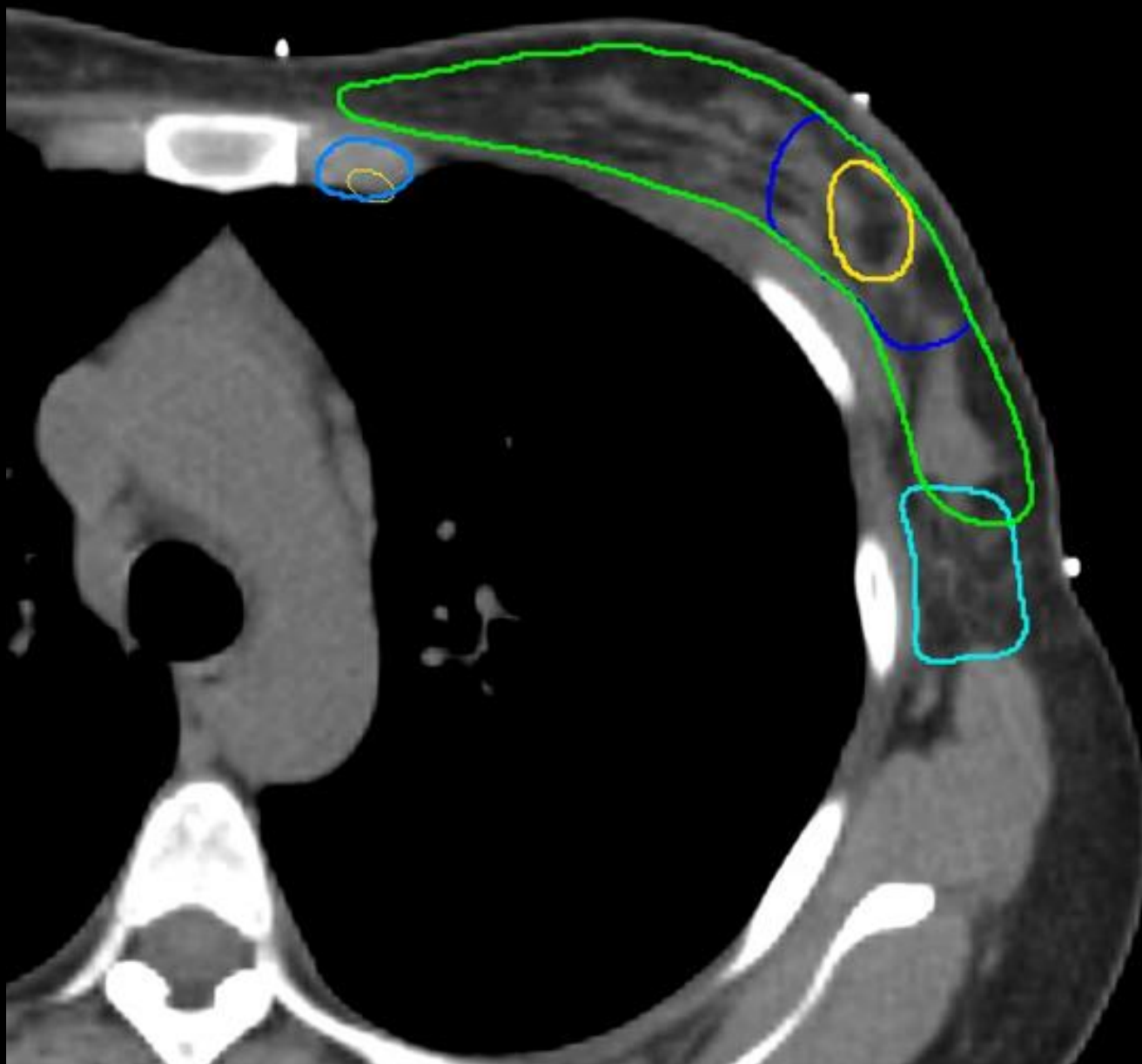




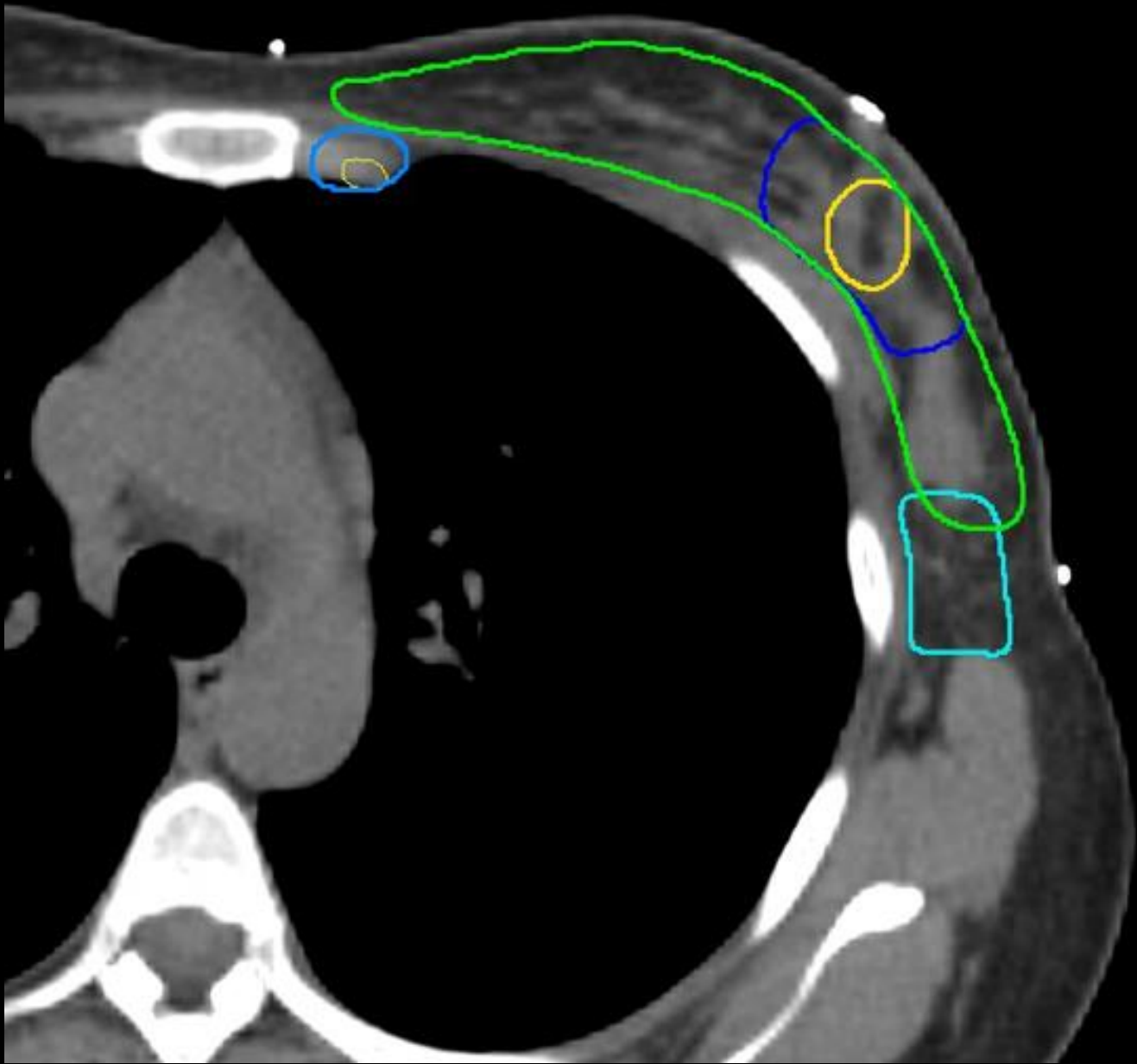




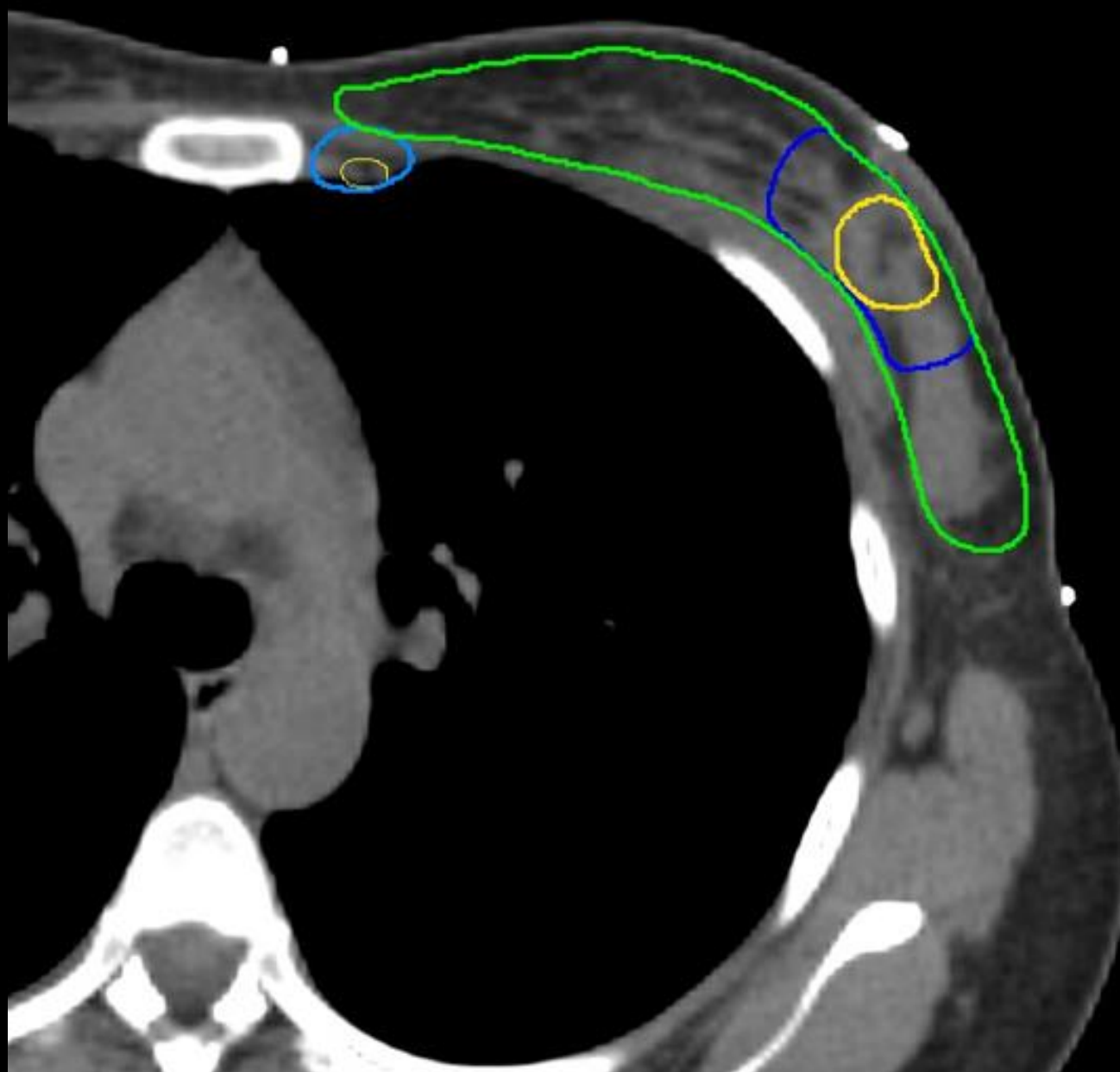
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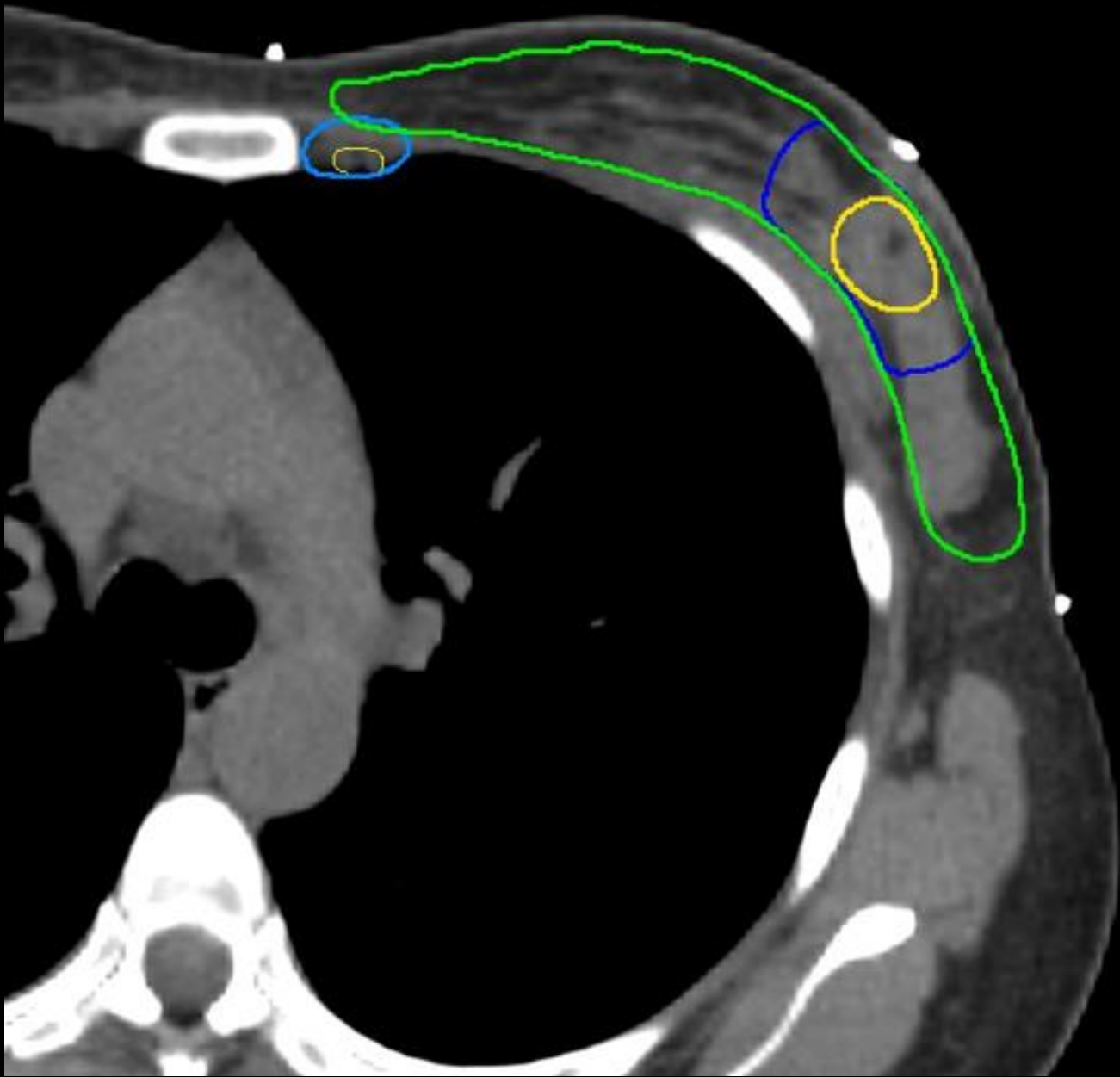
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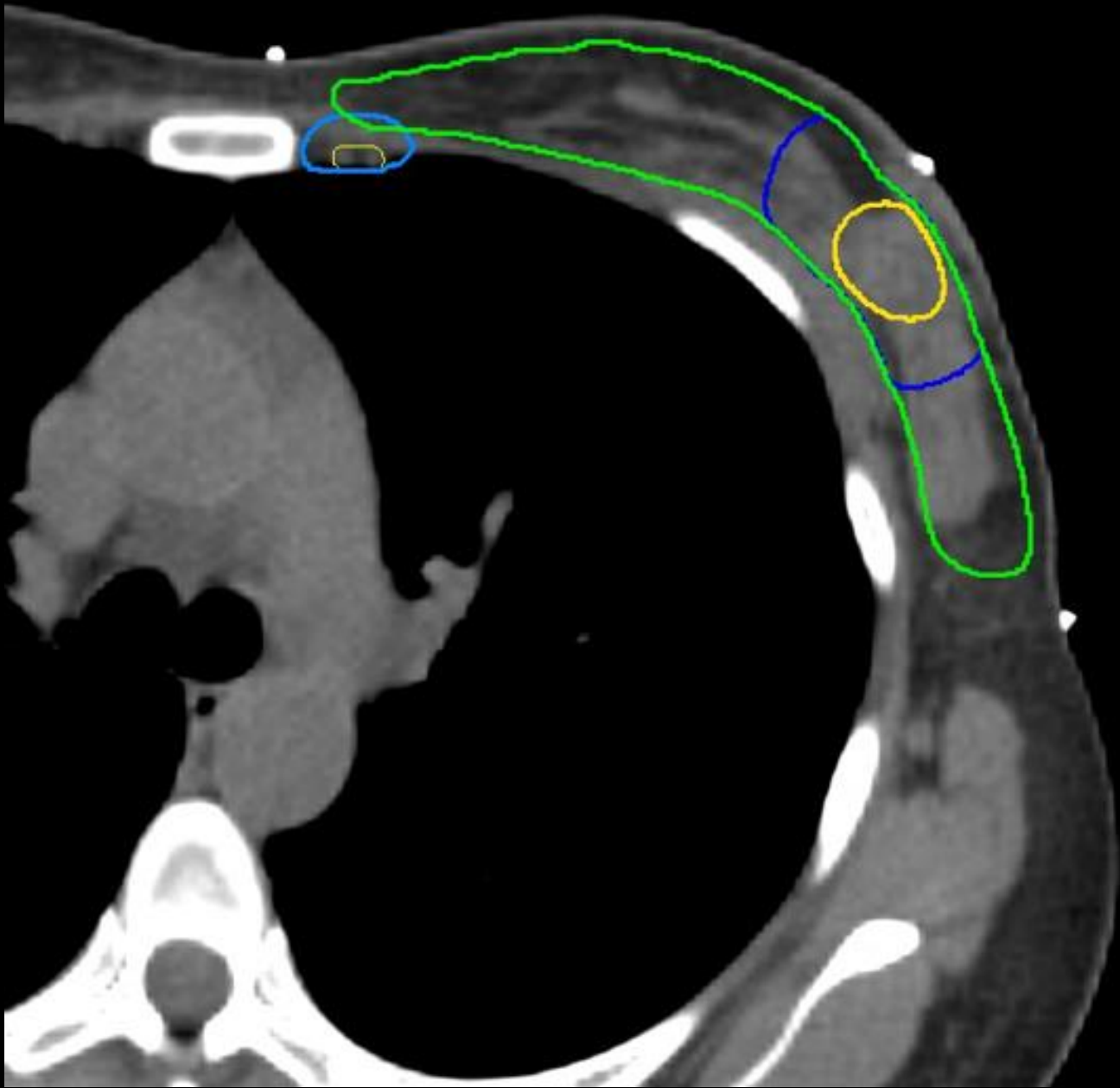
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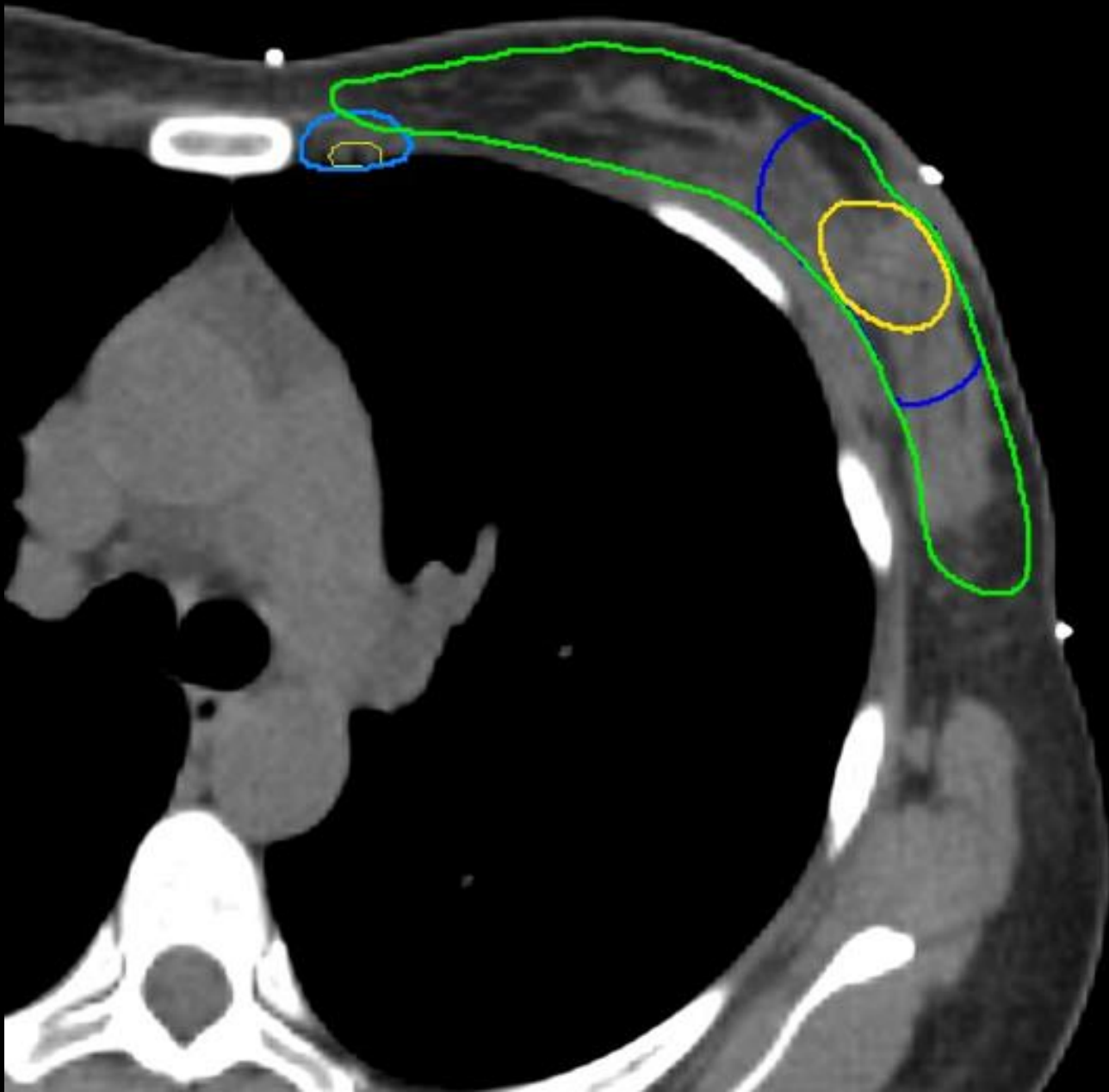


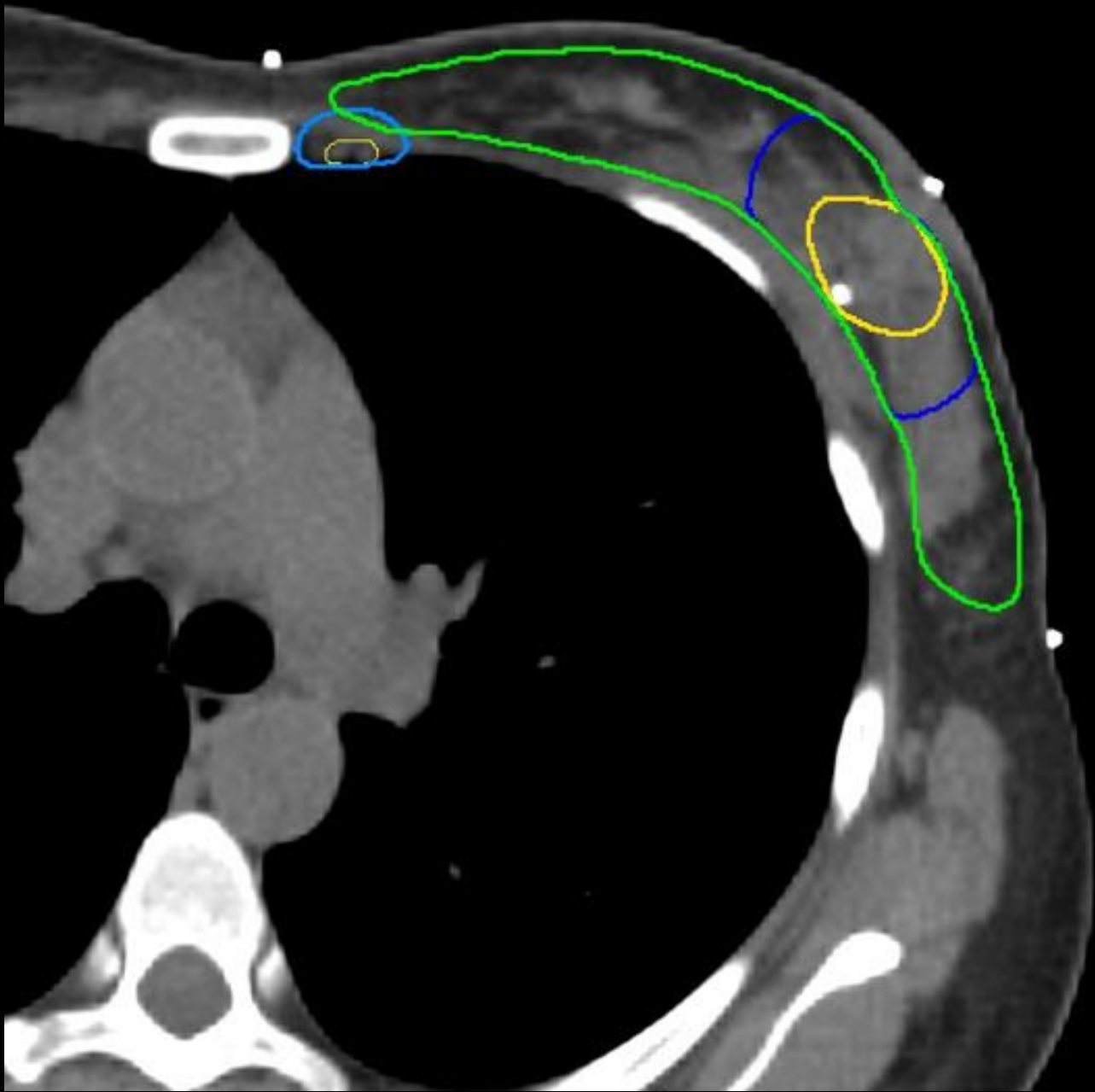
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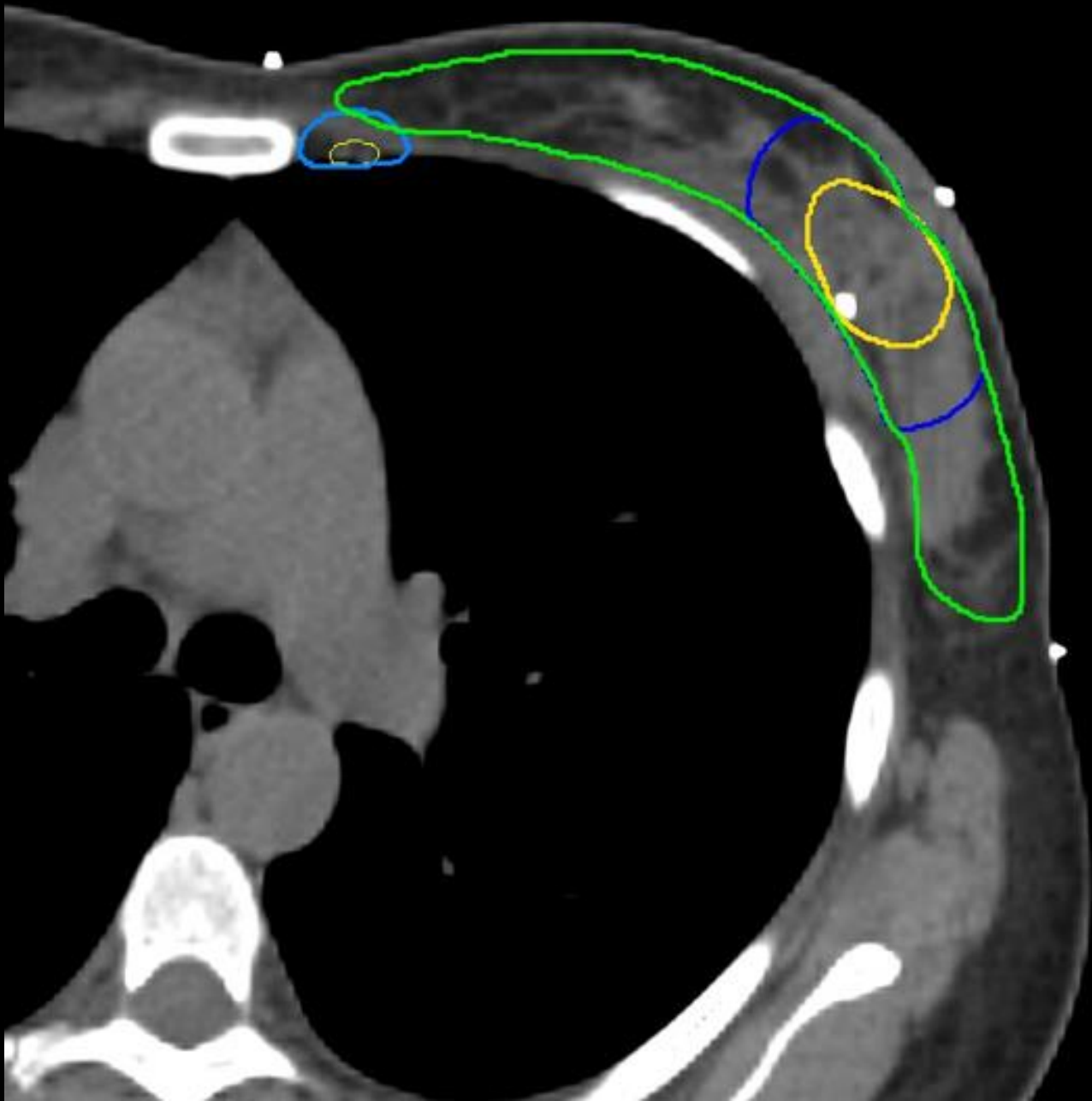
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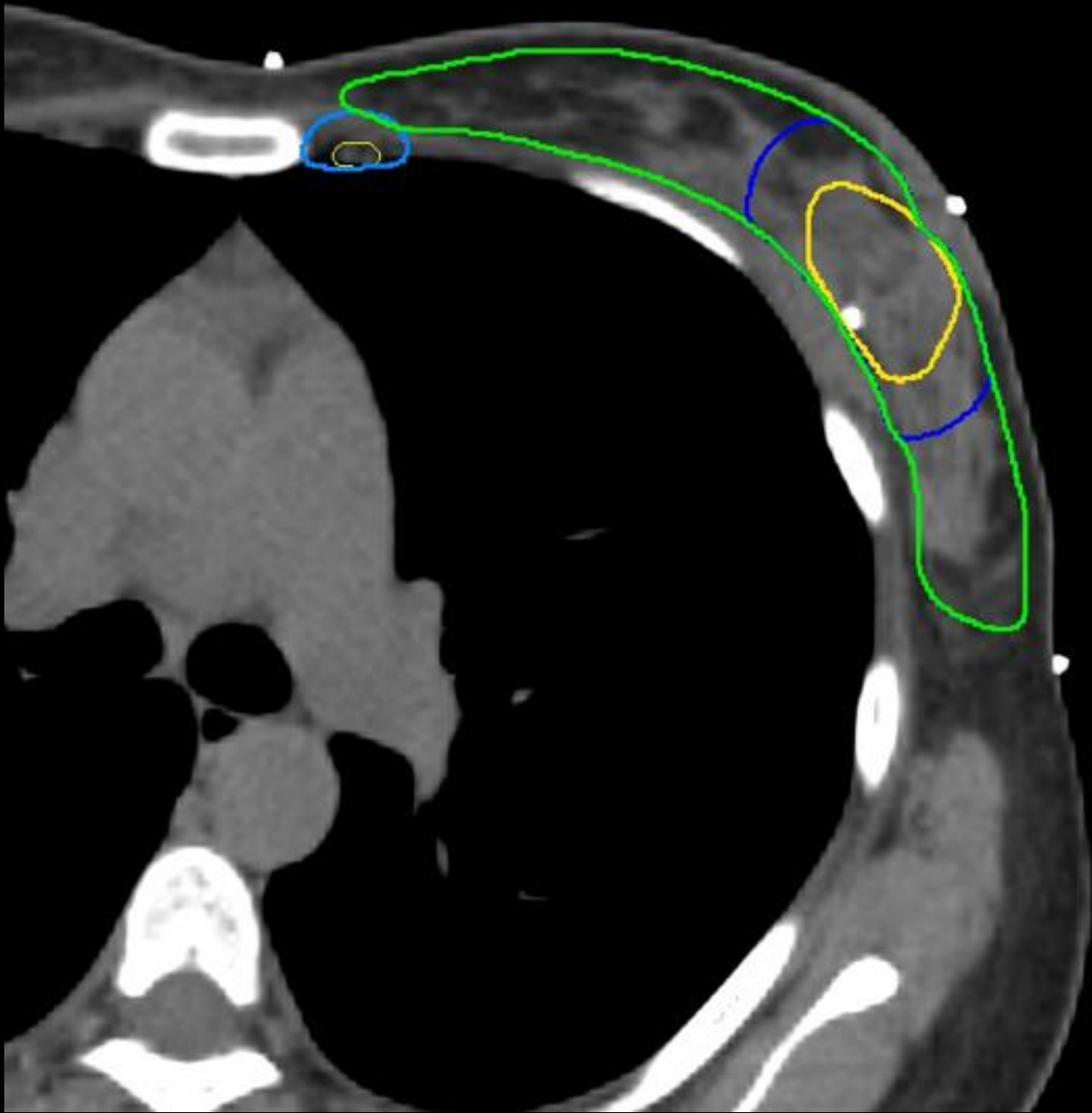




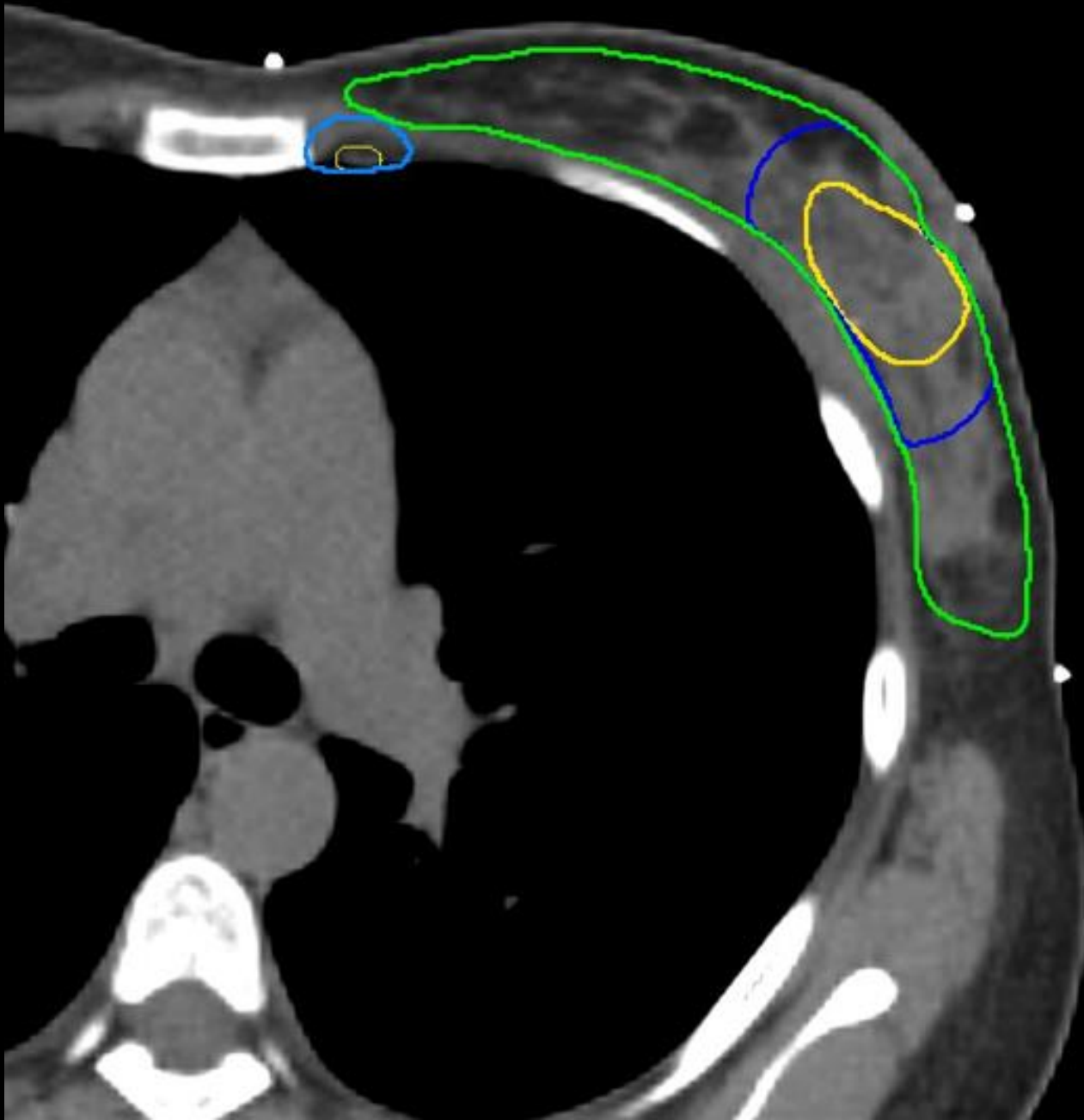




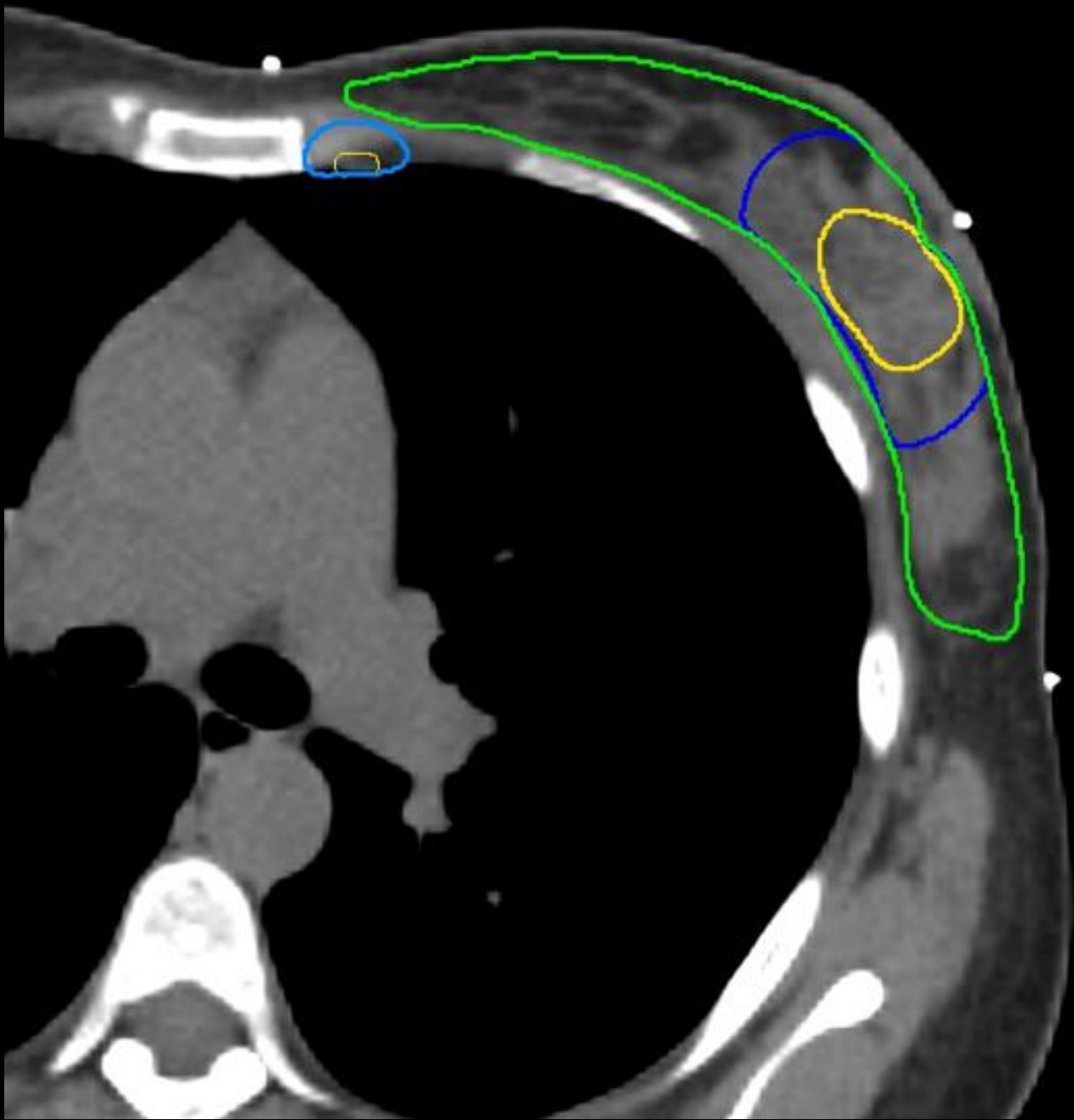
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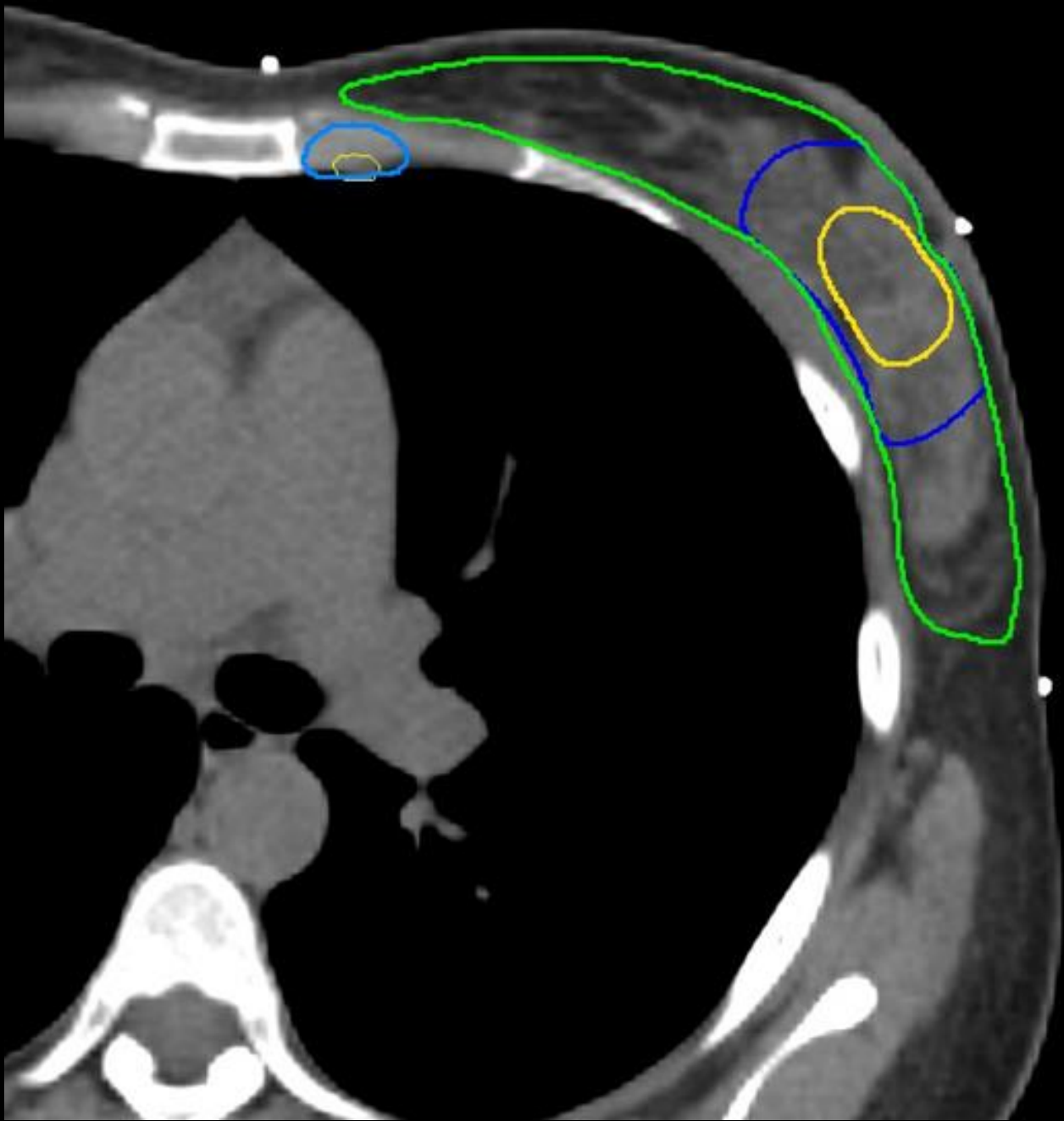


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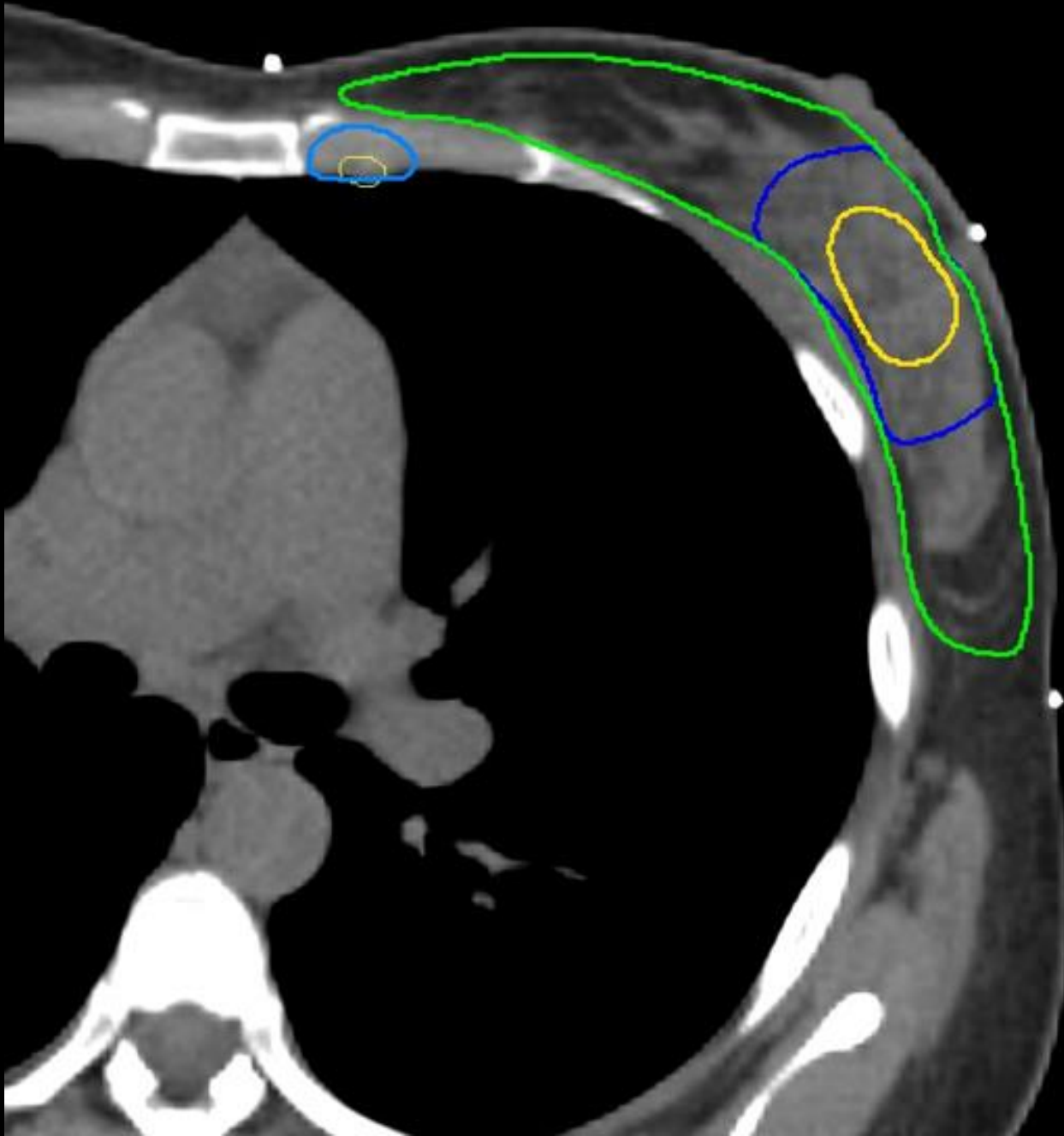


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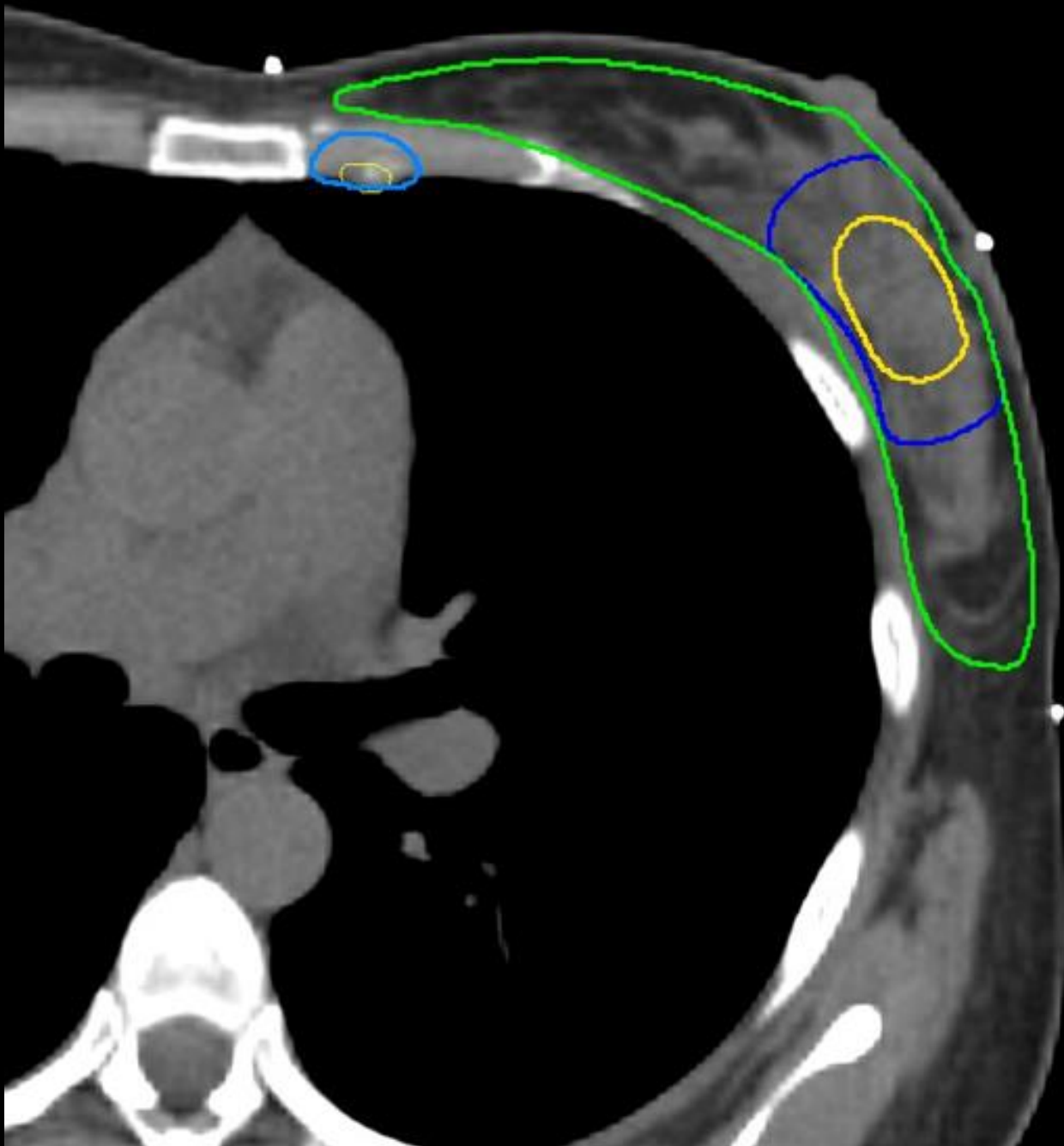




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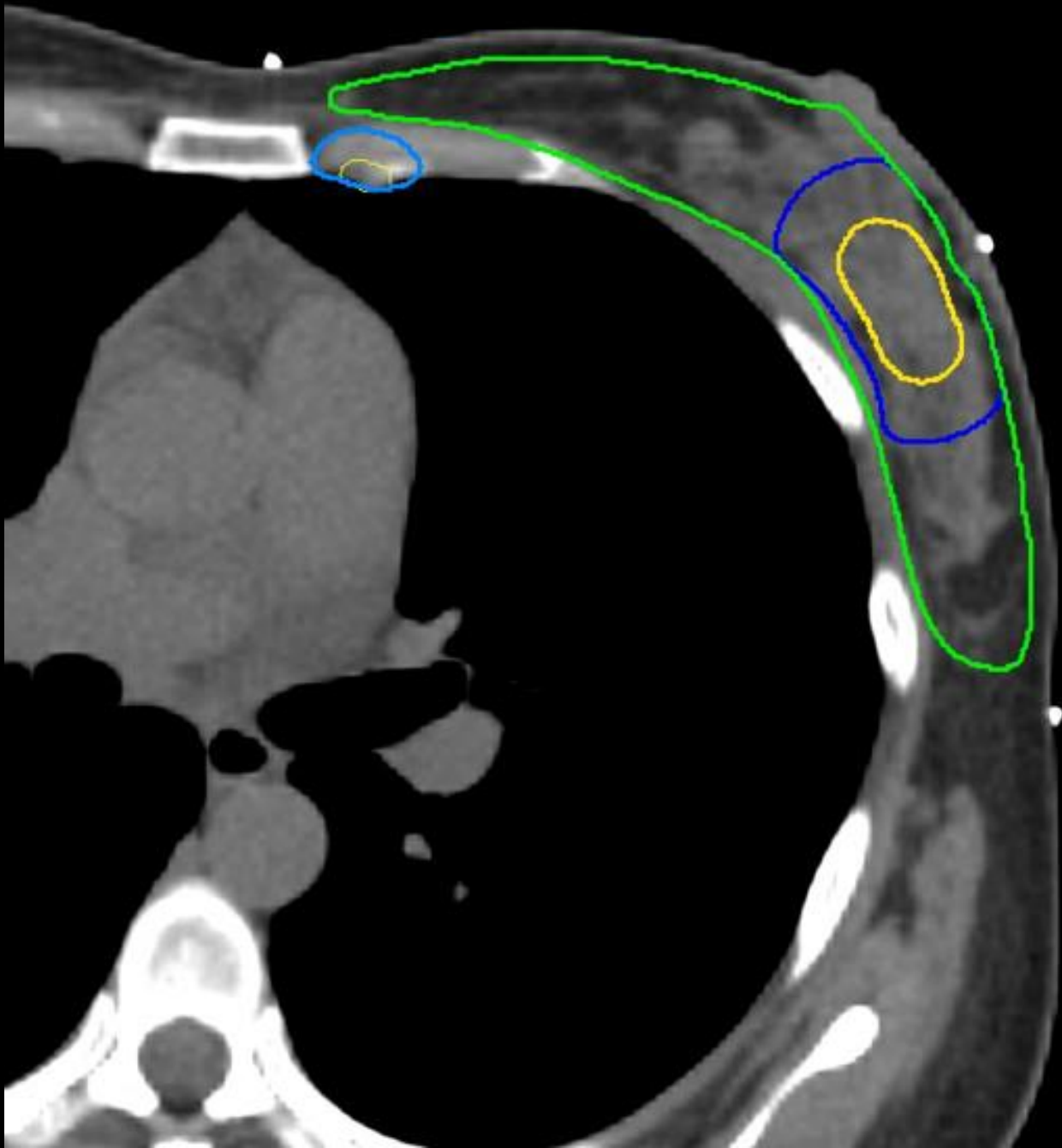


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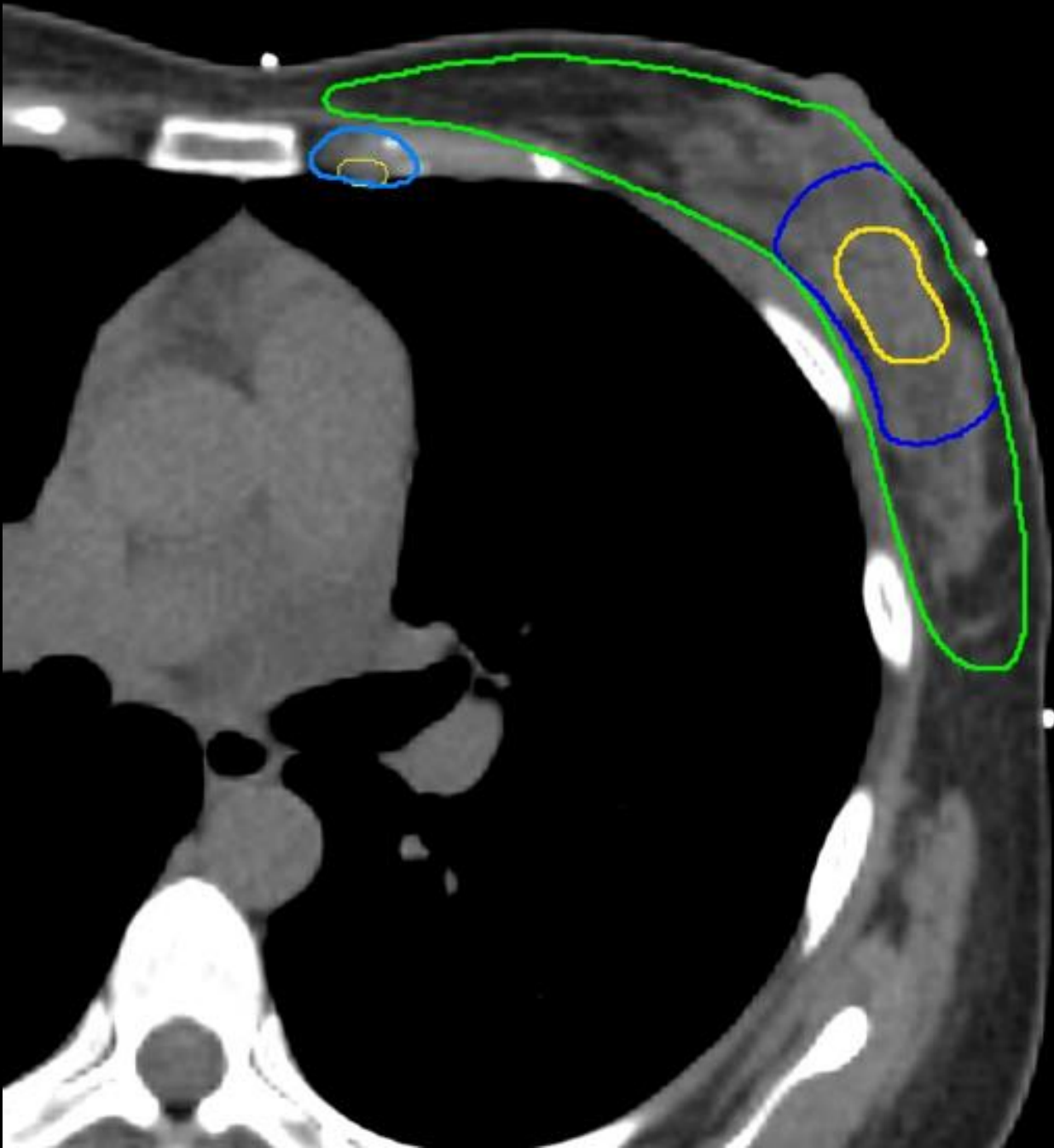


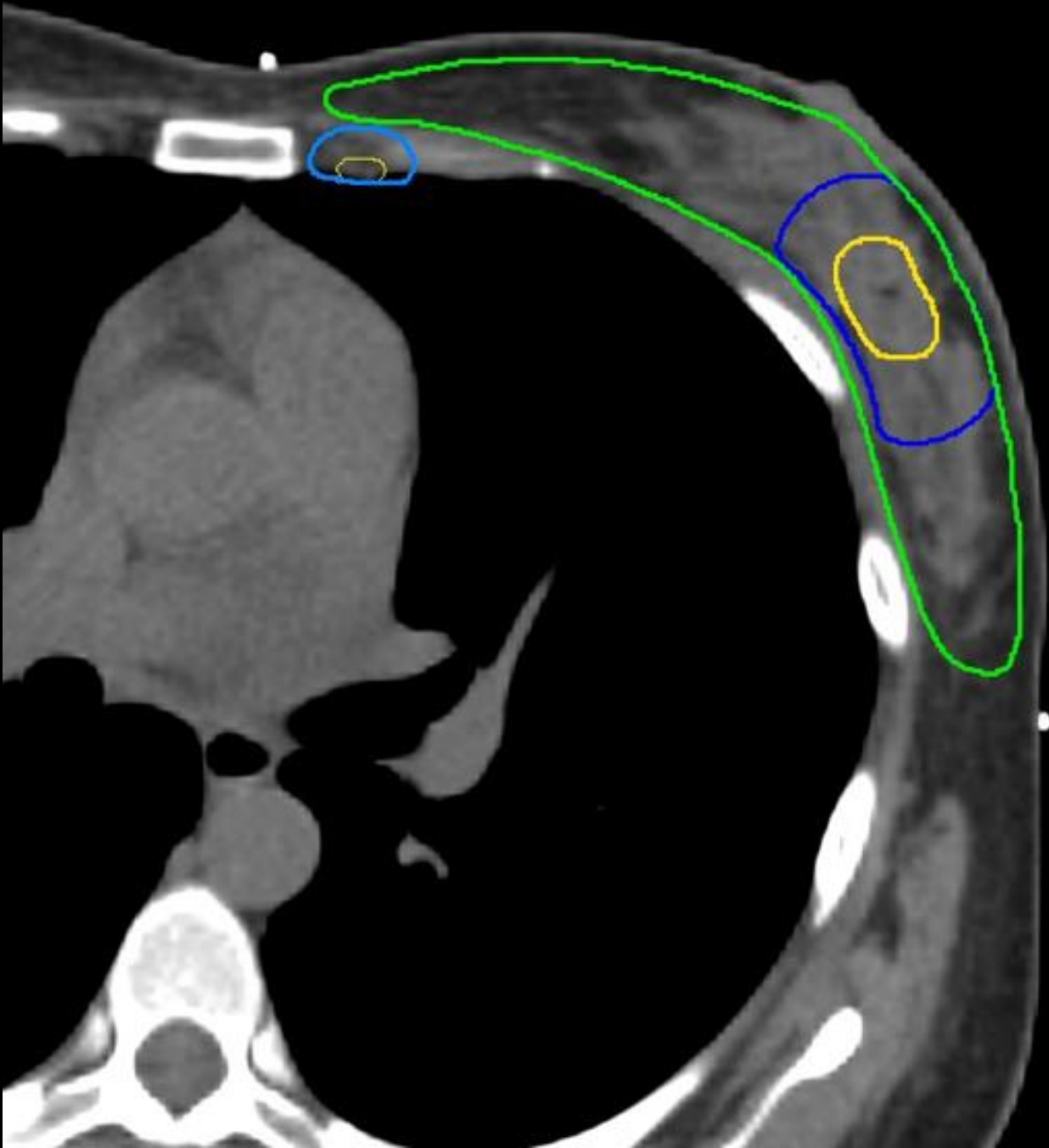


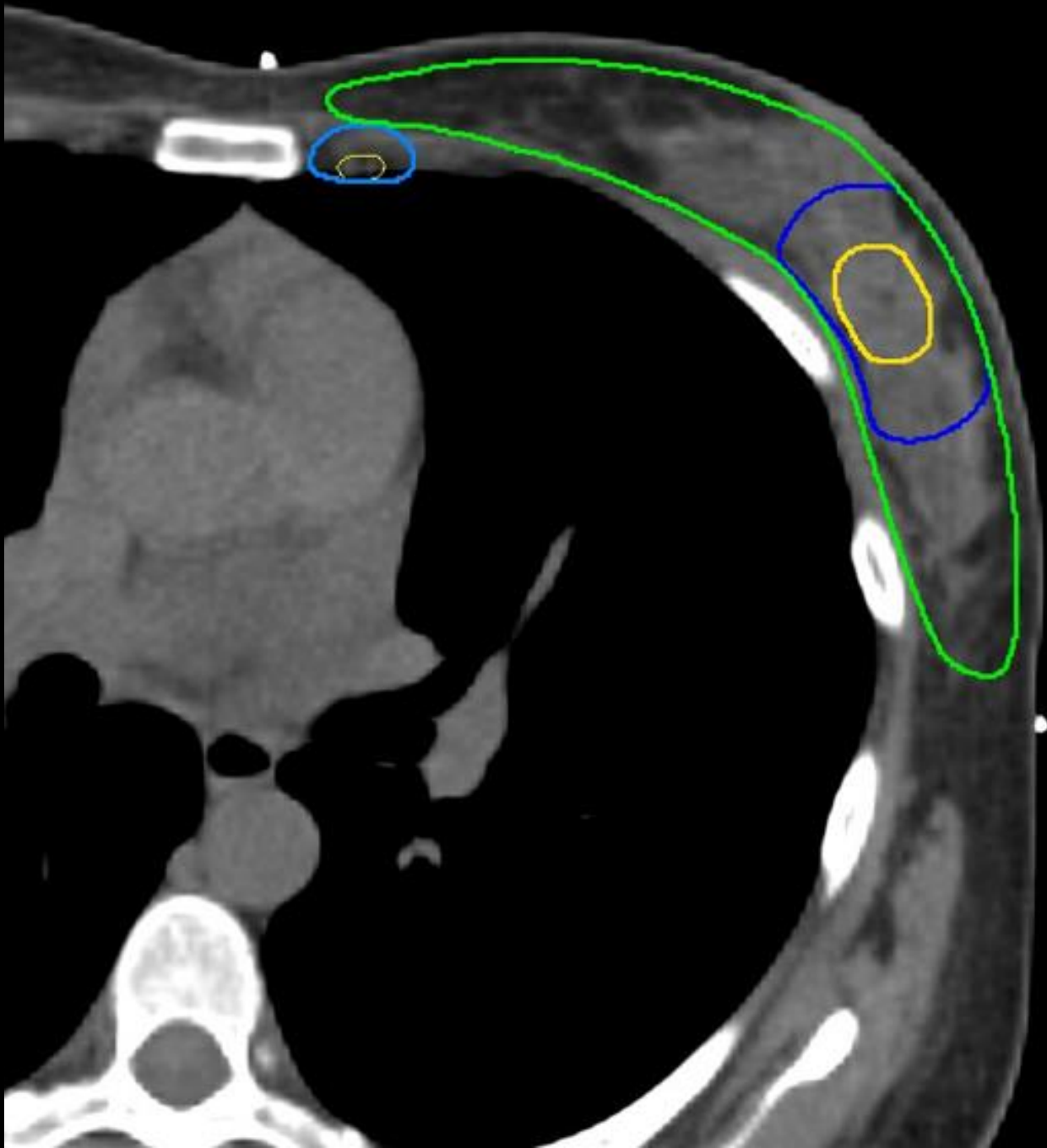
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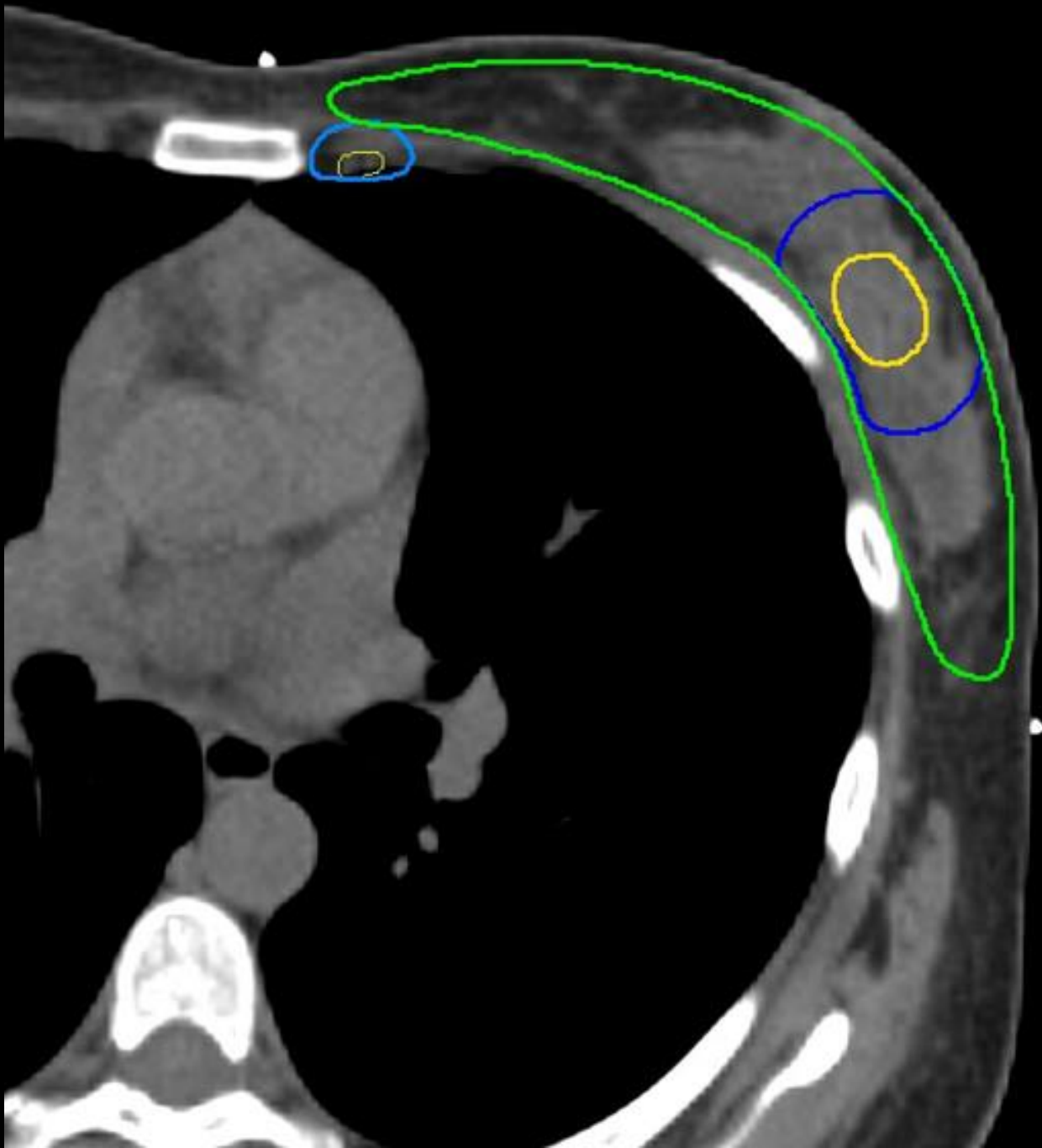
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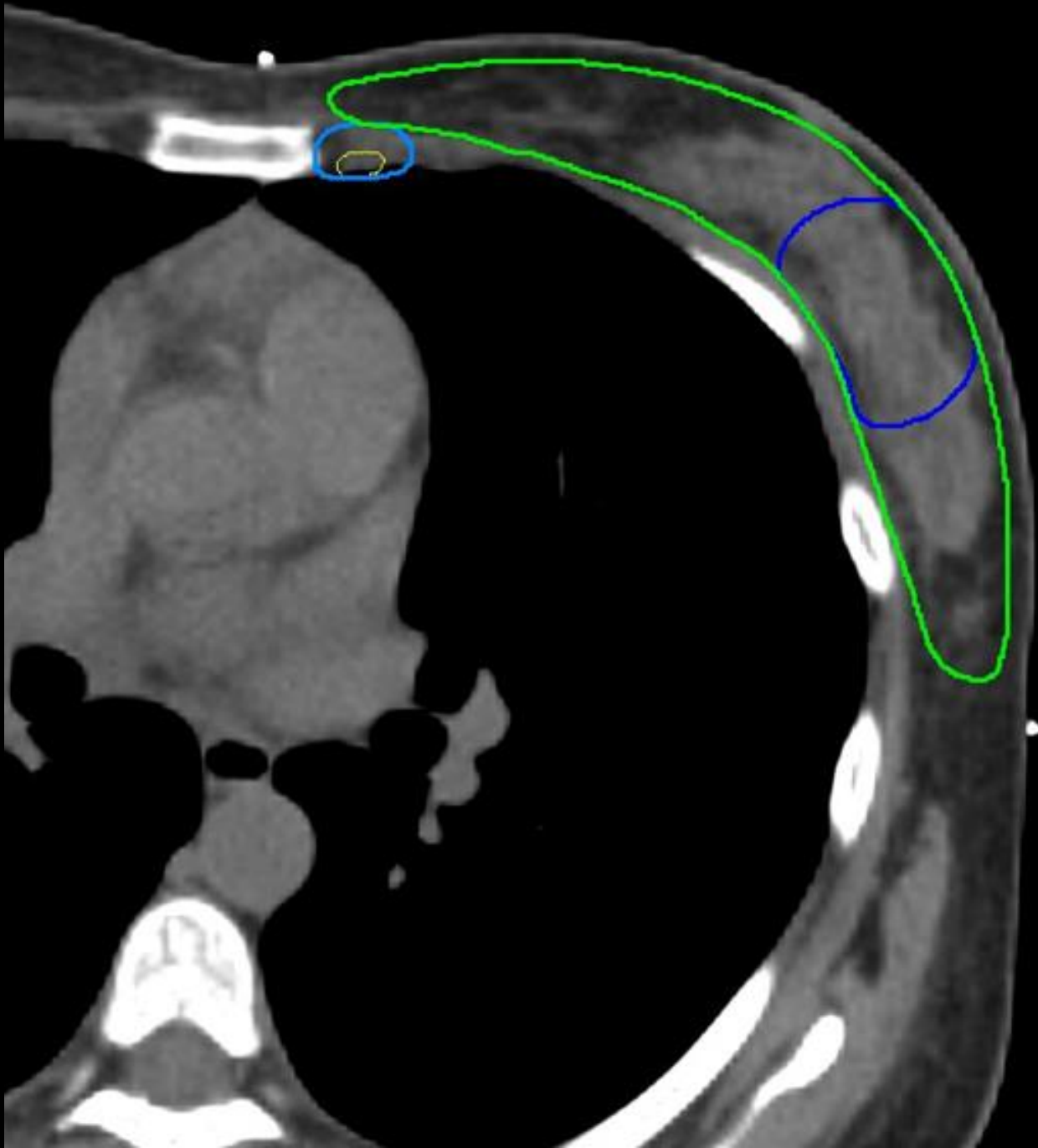


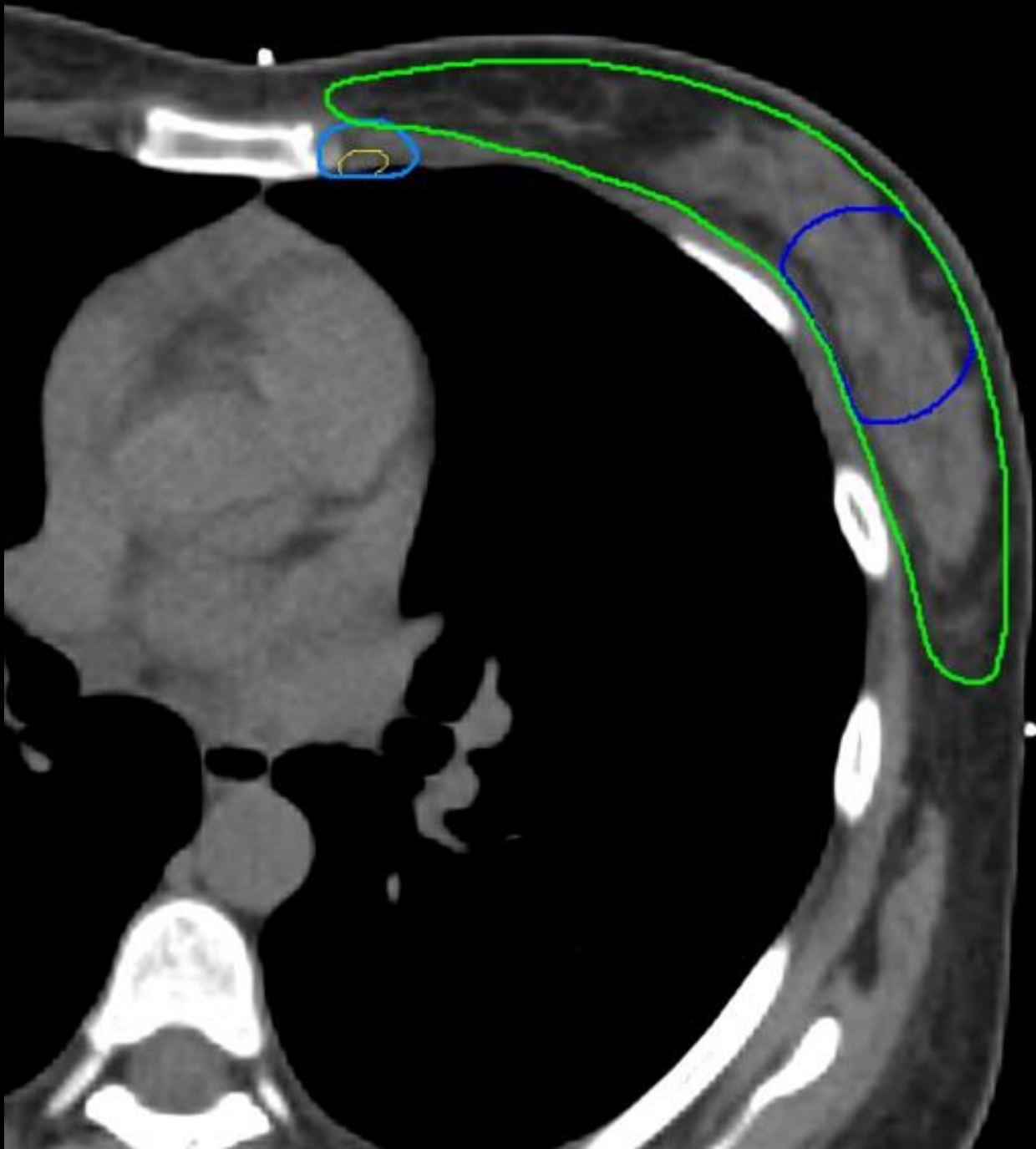




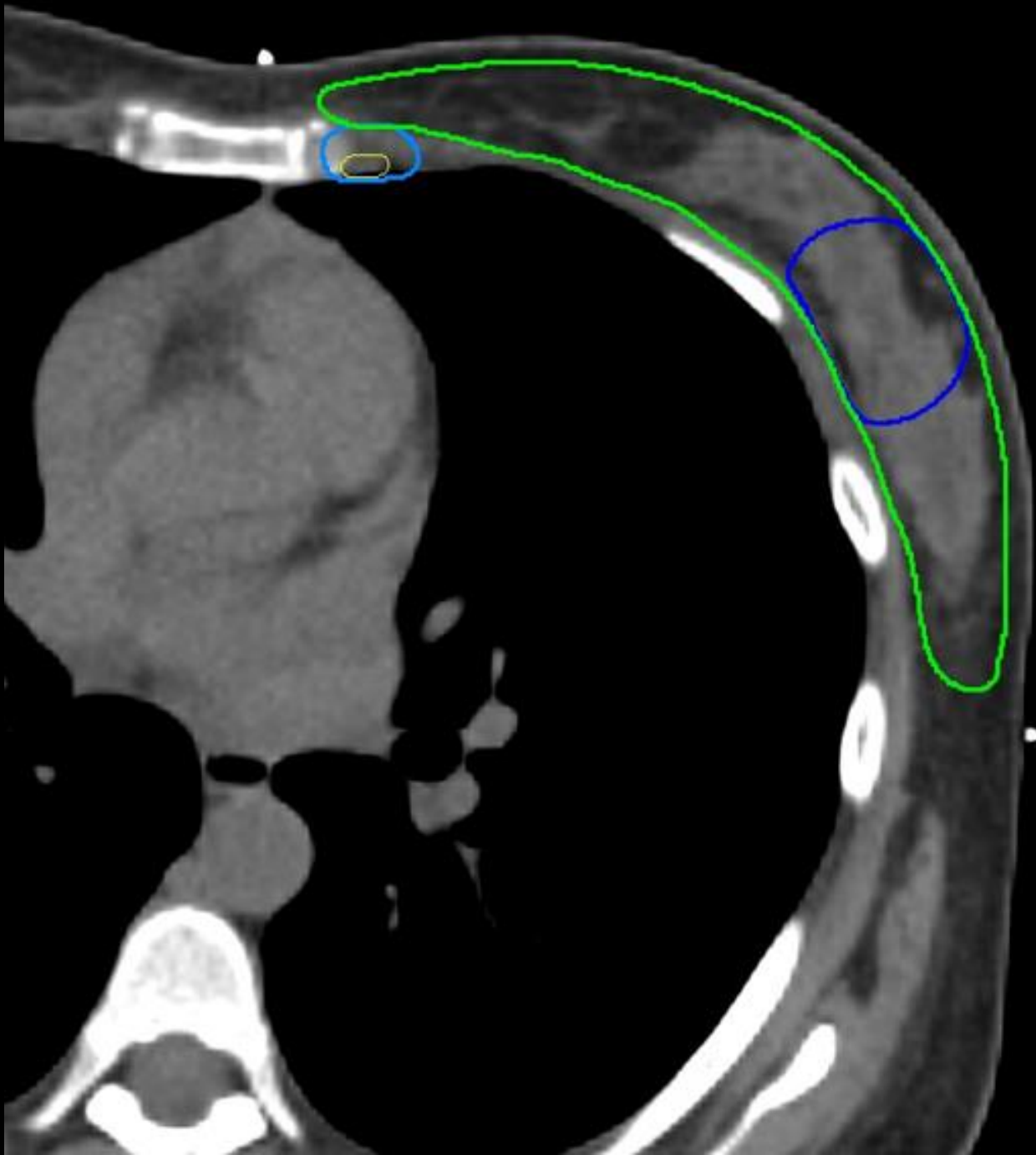
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## Legend

