Rad to Rad Learning: Missed Breast Cancer on Chest CT

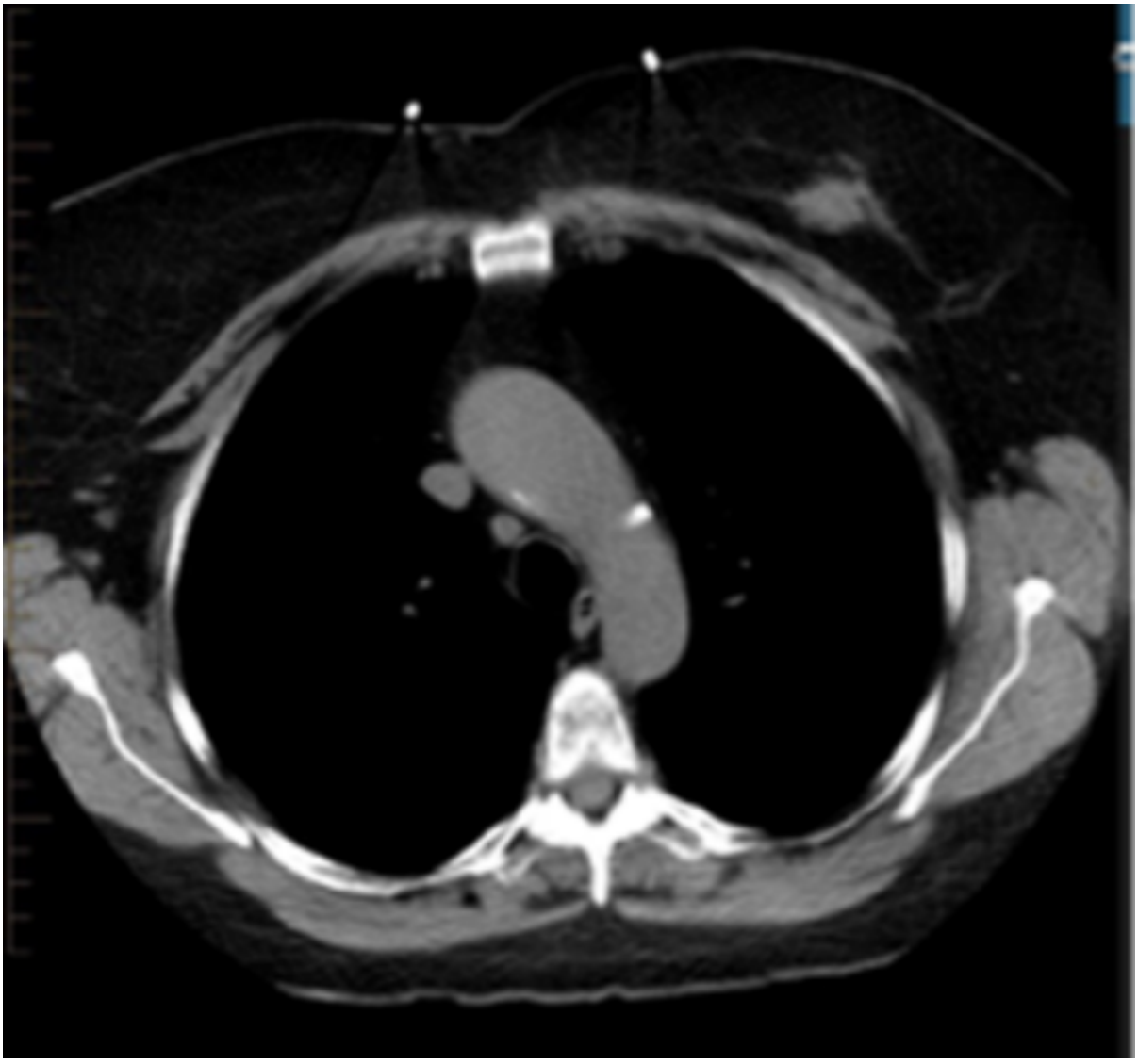
The Radiology Partners (RP) Breast Imaging National Subspecialty Division (NSD) presents our newest Rad to Rad Learning case.



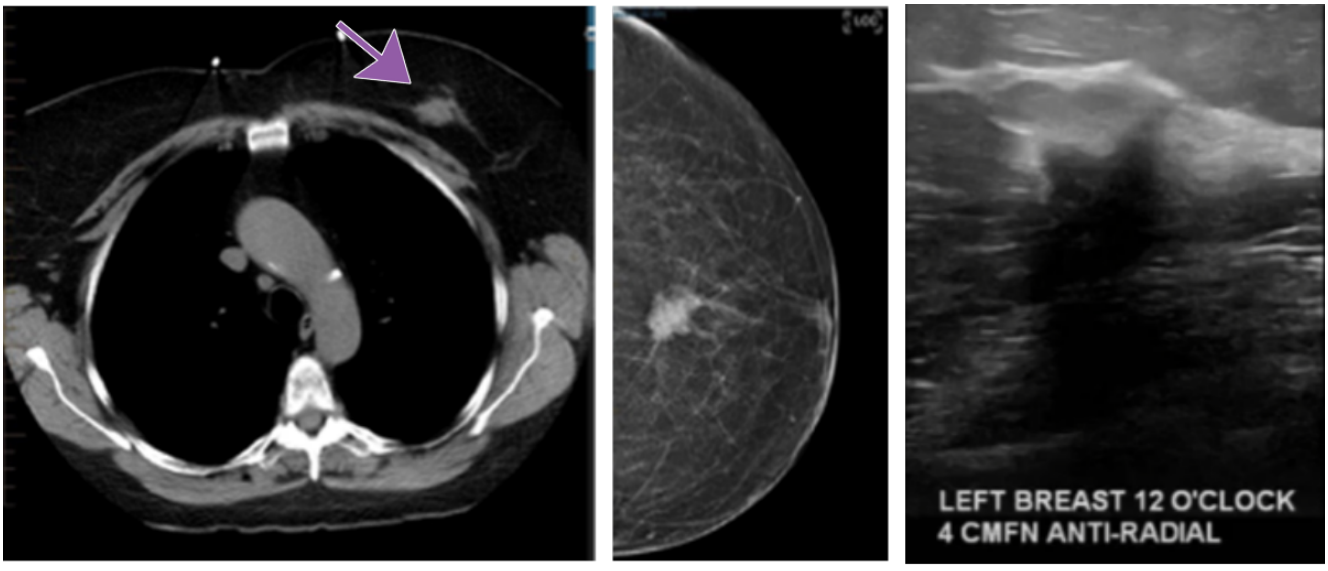
Peer Learning Opportunity

A 70 y/o female presented to the ER with palpitations and received a chest CT. She was ultimately diagnosed with atrial fibrillation. What did the radiologist miss?

In this case, the radiologist missed an invasive mammary carcinoma! Incidental breast cancers on chest CTs are missed 64% of the time.



Remember to review breast tissue in your search pattern.



Practical Insights

- **During a Chest CT the primary focus is on evaluating other anatomy, and breast tissue is easy to overlook.**
- **Not all eligible women undergo mammographic screening, and incidental findings on unrelated chest CTs are the only way their cancer is found.**
- **Remember to review breast tissue in FOV.**
- **Early detection saves lives.**

Takeaway: Chest CTs include breasts!

*Shared to improve patient safety and healthcare delivery in the provision of radiology services. The circumstances and facts are changed, altered, or deidentified to preserve confidentiality. Privileges have not been waived.*The Breast Imaging National Subspecialty Division (NSD) is part of RP's Clinical Value Team, which works to elevate patient care and enhance value through innovation, collaboration and education. To advance this goal, our radiologists and advanced practice providers are committed to sharing peer learning as valuable reminders and insights about what we encounter in our day-to-day practice. Check back here and on X, LinkedIn and Instagram to see these common cases and our findings.

Visit the Clinical Resources page for more cases and to see what we've developed to enhance best practice recommendations, elevate image quality and patient care and update current standards throughout RP's network of practices, all to deliver excellent radiology services to patients, referring clinicians

and client partners.



Radiology Partners, through RP Clinical Services and its managed practices, together with Mosaic Clinical Technologies, Inc., its technology and AI division, is the leading provider of technology-enabled radiology services in the U.S., serving more than 3,400 hospitals and other healthcare facilities with high-quality radiology, technology and artificial intelligence solutions. As a physician-led and physician-owned practice, our mission is to transform radiology by innovating across clinical value, technology, and service, while elevating the role of radiology and radiologists in healthcare. For the latest news from RP, follow us on X, LinkedIn, Instagram, YouTube and the blog.