



Rad to Rad Learning: VQ Scan

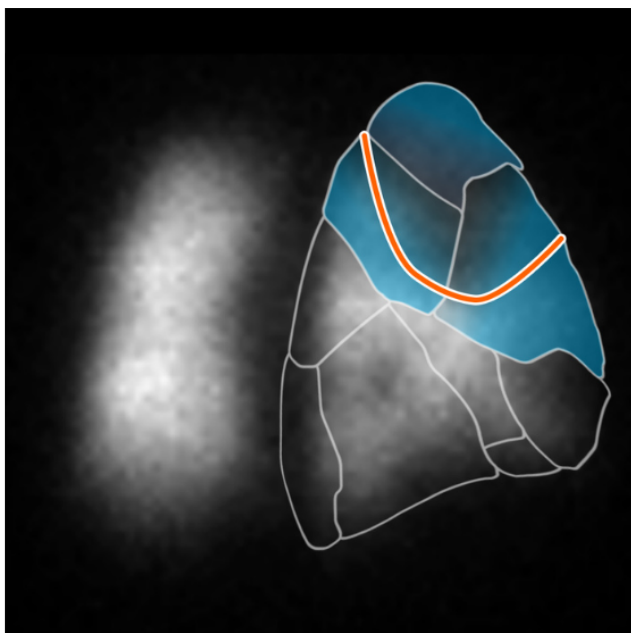
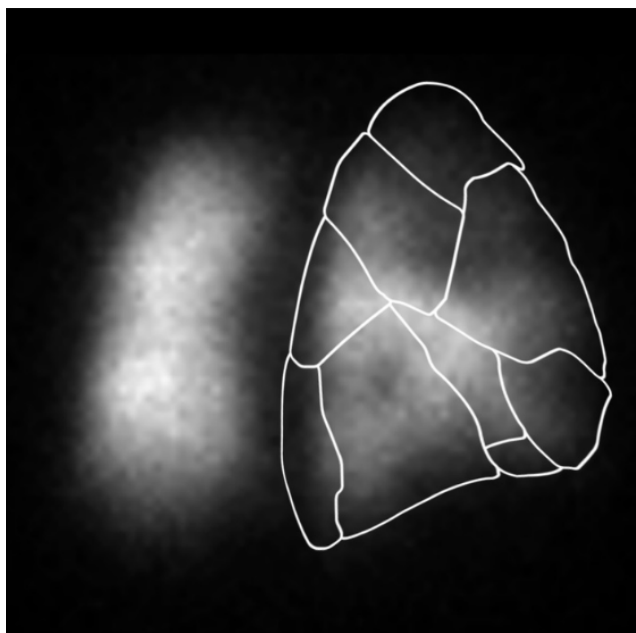
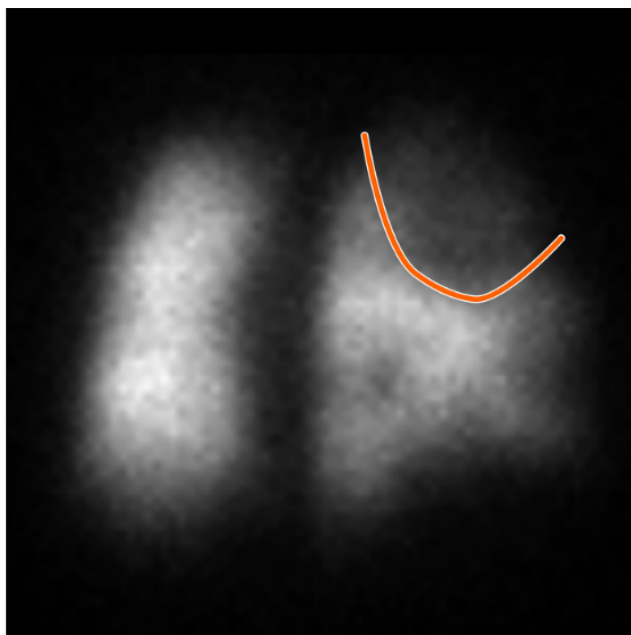
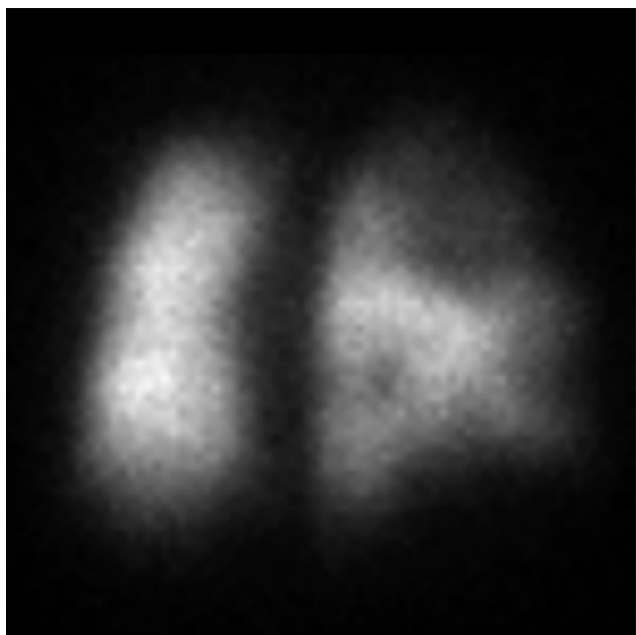
The Radiology Partners (RP) NMMI Radiology National Subspecialty Division (NSD) presents our newest Rad to Rad Learning case.

Peer Learning Opportunity



PIOPED criteria relies on the size of segmental perfusion defects to determine the probability of pulmonary embolism.

Use the lung segmental map as a guide for determining defect size. This “single” defect is actually three segmental defects, one large and two medium sized.



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info@radpartners.com

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- **Small defect <25% of a lung segment.**
- **Medium defect >25% to <75% of a lung segment.**
- **Large defect >75% of a lung segment.**
- **One visible defect may involve two or more segments.**
- **Correlate with chest x-ray within 24 hours.**



Takeaway: The number and size of segmental defects matters in VQ scans.

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 NMMI Radiology 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.



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