

Health AI and Data Science (HAD) Journal Club Series

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## End-to-End AI Pipeline for V/Q Imaging: From Data Extraction to PE Burden Quantification



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Tuesday, April 29th, 2025 | 3:00 PM - 4:00 PM

## **Learning Objectives**

The talk covers the following key components:

- 1. Data Acquisition and Integration
- 2. Image Quality Enhancement and Count Correction
- 3. Defect Segmentation Using Deep Learning
- 4. Anatomical Mapping and PE Burden Quantification
- 5. Clinical Relevance and Future Directions