aidoc

Transforming PE Management:

The Power of AI-driven Data and Information

AI is transforming PE care by analyzing data in real time, as shown in a Mount Sinai study presented at the PERT Symposium. Aidoc's PE solution streamlined risk stratification, enabling faster decisions and timely interventions, while also reducing the manual burden for physicians.

Key Findings:

1. Advanced Data Collection

Mount Sinai

At Mount Sinai, a **3,500+-bed facility** with over **418k annual ED visits,** AI helped scour patient records for data.
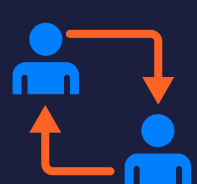
Dynamic risk stratification accurately triggers PERT alerts based on AI-driven PE finding, AI-measured RV/LV ratio and elevated troponin and blood pressure thresholds. The PERT is activated only when these criteria are met, preventing alert fatigue and ensuring no false positives. This approach ensures precise and reliable patient management.[1]

2. Long-Term Benefits

Mount Sinai

Mount Sinai found several lasting benefits from AI and the promise it holds going forward.

Evidence shows AI integration leads to sustained **improvements in patient outcomes and clinical workflows.**[1]

Learn more about the impact of AI-driven care activation for acute pulmonary embolism.

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References
1. Dadrass, F. "AI Driven Management of Pulmonary Embolism in a Large Urban Center" Presented at 10th Annual Pulmonary Embolism Symposium 2024