

Case

Understanding EKG Findings

- You plan to send Ms. Klott for a CTPE.
- You notice some changes to her EKG and wonder which EKG findings might be suggestive of PE, pulmonary hypertension, and right heart strain.



EKG Findings in PE

Sensitive Findings

- Sinus tachycardia – the most common abnormality (seen in 44% of patients with PE)
 - *may also see bradycardia or secondary atrial fibrillation*
- Non-specific ST segment and T wave changes, including ST elevation and depression, T wave flattening (50%)

Around 18% of patients with PE will have a completely normal ECG.