

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.

EKG Findings in PE

Select Specific Findings

- T wave inversions in the inferior (II, III, aVF) and right precordial leads (V1-4) (specificity up to 99%)
 - *right ventricular strain pattern seen in ~34% of patients with PE*
- Right axis deviation or “pseudo left axis deviation” (16%)
- “Classic” McGinn-White sign SI QIII TIII pattern: deep S wave in lead I, Q wave in III, inverted T wave in III (20%)