Imaging CDS based on high quality evidence can reduce inappropriate use and increase yield of high cost imaging, improving quality and reducing waste.

20% reduction in utilization and 69% increase in yield of pulmonary embolism CT in ED over 2 years (1)

12.8% reduction in utilization of pulmonary embolism CT for inpatients in a 4 week intervention timeframe, with reduction in utilization sustainable over the ensuing 3 years (2)

Reference:
CT Pulmonary Angiography (CTPA)
Use and Yield Before and After CDS Implementation in the ED

Reference: