

**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)*

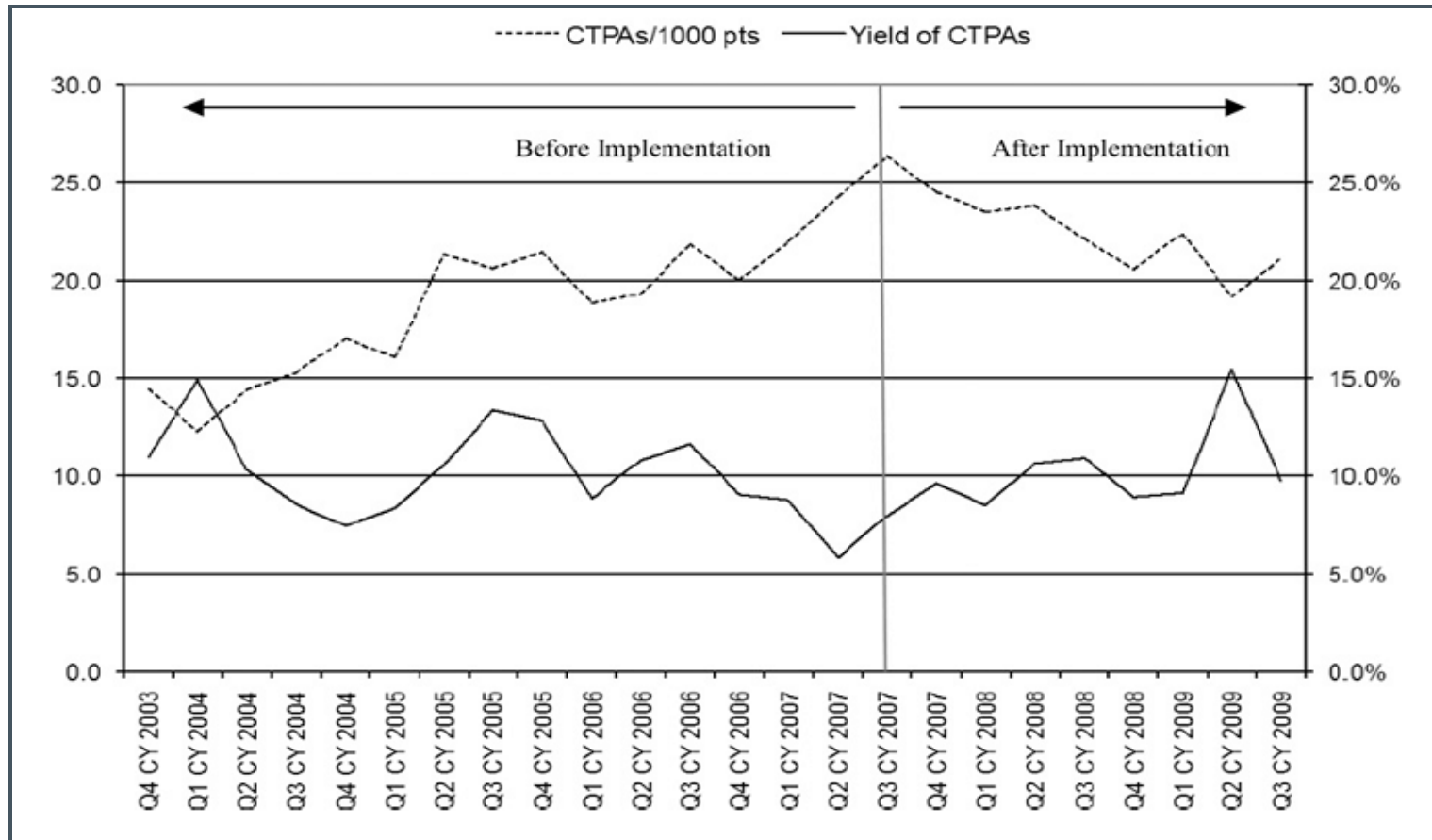
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**Reference:**

(1) Raja AS, *et al.* Effect of Computerized Clinical Decision Support on the Use and Yield of CT Pulmonary Angiography in the Emergency Department. *Radiology* 2012;262(2):468–474

(2) Dunne R. *et al.* Effect of evidence-based clinical decision support on the use and yield of CT pulmonary angiography for hospitalized patients . *Radiology* 2014. In press

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



**Reference:**

Raja AS, *et al.* Effect of Computerized Clinical Decision Support on the Use and Yield of CT Pulmonary Angiography in the Emergency Department. *Radiology* 2012;262(2):468–474.