

3rd Global Meeting on **ONCOLOGY AND RADIOLOGY**

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**Appropriateness of usage of CTPA in investigation of suspected Pulmonary Embolism via Ambulatory care.**

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**Background:** The role of diagnostic imaging in PE is increasingly undertaken by CT Pulmonary Angiography (CTPA). The inappropriate use of CTPA has a negative impact on patients' safety and hospital resources, along with increasing the load on the working force. This audit aims to assess the local practice against the RCR/RCP guidelines for CTPA in suspected PE. To improve the diagnostic yield of CTPA, risk stratification criteria, including Well's score and D-dimer have been used.

**Methodology:** Retrospective audit was performed using the PACS computer information system. Cycle 1= mid-April-mid May (total scans 60) Cycle 2= 1st -31st July (total scans 45).

**Conclusion:** Number of scans request decreased after first cycle though number of normal scans remains high. Scans requested as per guidelines. Areas need improvement: Decrease Normal scan percentage.

**Biography**

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