

3.08 NICE Guidelines followed for patients presenting with suspected Pulmonary Embolism in Naas General Hospital.

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Introduction: Suspected Pulmonary Embolism (PE) patients are common presentation to Medical Department. There are standard Guidelines available to be followed for such patients to make less burden on Radiology for CT Pulmonary Angiogram (CTPA).

Methodology: First study from of 6th October 2022 to 6th January 2023, second study from 06th April 2023 to July 06, 2023. Suspected PE presenting to medical department from ED for whom CTPA was planned were included in the study. Those who were already inpatients, incidental finding of pulmonary Embolism were excluded from the study. The latest NICE guidelines were compared to the protocol followed by the medical team.

Result: Out of total 107 vs 59 patients. Mean age 60.84±18.24 vs 72.45±14.97. Chest X-ray was done in 87.9% vs 100.0% of patients. Two level wells score were assessed in 18.7% vs 50.8% of patients. Those of Wells score >4, 74.5% vs 89.7% were offered Anticoagulation. Those with less than 4 wells score (60), 80% vs 100.0% were having D-Dimers done.

Conclusion: There is still room available for improvement for compliance to Guidelines. A repeated Audit is recommended following year.

Keywords: Pulmonary Embolism, Anticoagulation, D-Dimers.