

### **3.07 NICE Guidelines followed for management of patients with Confirmed Pulmonary Embolism in Naas General Hospital.**

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**Introduction:** Pulmonary Embolism (PE) patients are common presentation to Medical Department. There are burden on Radiology for CTs. There are standard Guidelines available to be followed for such patients.

**Methodology:** Naas General Hospital, First study: 6<sup>th</sup> October 2022-6<sup>th</sup> January 2023 second study: 06<sup>th</sup> of April 2023-July 06, 2023. All confirmed PE patients in the medical department admitted from ED 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 54 vs 28 patients, Male were 57.4% vs 42.9%. Mean age was 60.98±16.22 vs 67.85±9.45. Weight was, 86.22±24.14 vs 88.85±9.24. Sign/symptoms of Malignancy were present in 31.5% vs 28.6% of patients, in whom 74.8% vs 87.5% got CT-TAP done. Those with no sign/symptoms of malignancy, 16.2% vs 5% patients got their CTTAP done. Thrombolysis was offered to one unstable patients 100% vs 0% (0 patient). All stable patients (100% vs 100%) were not offered thrombolysis.

**Conclusion:** In the re-audit, there is improvement but still room available in the following of NICE guidelines. A repeated Audit is recommended next year to see further improvement.

**Keywords:** Pulmonary Embolism, Anticoagulation, D-Dimers.