

3.03 Inpatient Management of pulmonary embolism as per NICE guidelines.

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Background: The purpose of this audit was to ascertain whether admitted patients of pulmonary embolism are managed as per NICE guidelines within our trust, to identify areas of concern and improve local service.

Methods: Data was collected from May 2022 to October 2022 for seventy four patients admitted to hospital with symptoms and signs of pulmonary embolism and confirmed with Computed tomography pulmonary angiogram/ventilation perfusion scan. Data included baseline bloods, imaging and type of anticoagulant patient started on.

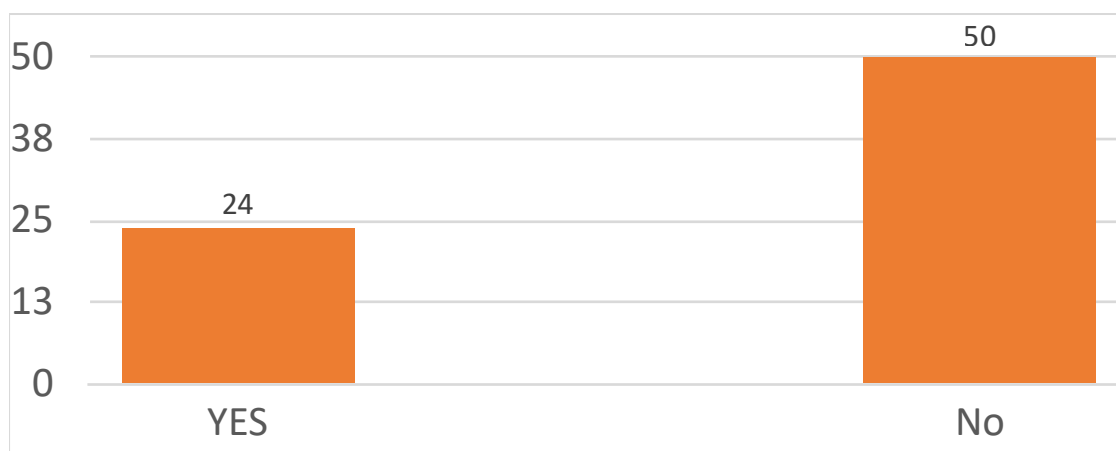
Results: Our results showed that though most patients had baseline bloods and chest X ray done however 32.4% of patients had computer tomography abdomen and pelvis done to screen for malignancy without any signs and symptoms of malignancy. (see bar chart no.1). Majority of patients 62% were started on tinzaparin on admission. (see pie chart no.2). 75% patients who were thrombolysed were haemodynamic stable. (see pie chart no.3).

Conclusion: Patients are not managed as per NICE guidelines, unnecessarily investigated increasing resource burden on the hospital. Anticoagulation not started as per NICE guidelines leading to prolonged hospital stay. Thrombolysing patients who are haemodynamically stable causing potential patient harm.

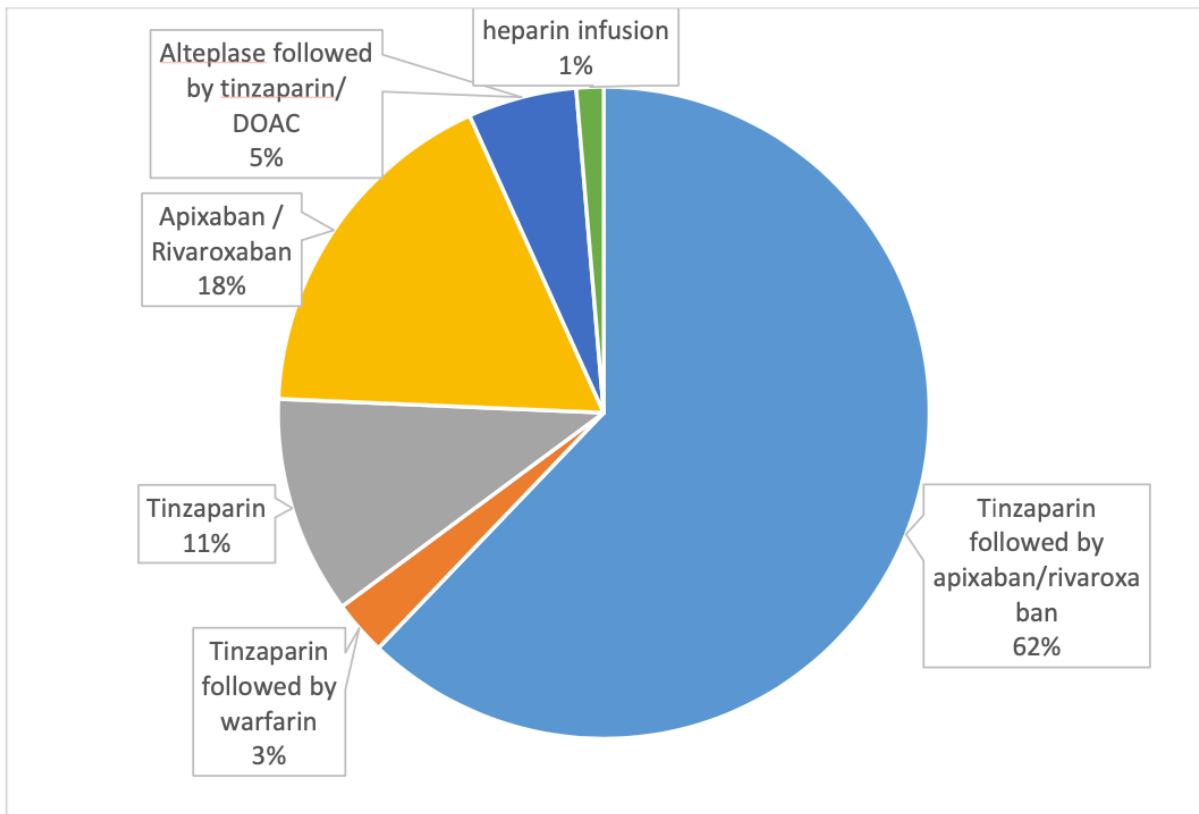
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