***Table-1:* Patient Demographics, location, and study type included in the study**

|  |  |
| --- | --- |
| **Total patients** | 2713 |
| **CTA study type** |  |
| *Chest only* | 2412 (88.9%) |
| *Chest CTPA with abdomen and pelvis CT* | 301 (11.1%) |
|  |  |
| **Patient location** |  |
| Inpatients | 613 (22.6%) |
| Outpatients | 352 (13%) |
| ICU patients | 211 (0.08%) |
| ED patients | 1537 (56.6%) |
|  |  |
| **Gender** |  |
| ***(Total population)*** *Males* | 1278 (47.1) |
| *Females* | 1435 (52.9) |
|  |  |
| **Age (mean±SD)** | 58±17.3 |
| *Chest only* | 58±17.4 |
| *Chest CTPA with Abdomen, pelvis CT* | 58±16.9 |
| **Age range (years)** | 0-104 |
| **Age groups** |  |
| *Under 18* | 25 (0.9) |
| *18-35* | 309 (11.4) |
| *>35* | 2379 (87.7) |
|  |  |
| **BMI (mean±SD)** | 31.2±9.9 |
| *Chest only* | 31.3±9.9 |
| *Chest CTPA with Abdomen, pelvis CT* | 30.4±10.3 |
| **BMI range** | 12-91.5 |

**Table-2: Pattern of PE according to admittance location**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Location** |  |  |  |
|  |  | **ED** | **OUT** | **IN** | **ICU** |  |
|  | **Central** | 13 (4.4) | 0(0.0) | 2 (0.7) | 2 (0.7) | 17 (5.8) |
| **PE TYPE** | **Central & Peripheral** | 20 (6.8) | 1 (0.3) | 11 (3.7) | 10 (3.4) | 42 (14.2) |
|  | **Peripheral** | 115 (39.0) | 17 (5.8) | 62 (21.0) | 42 (14.2) | 236 (80.0) |
|  |  | 148 (50.2) | 18 (6.1) | 75 (25.8) | 54 (18.3) | 295 (100.0) |

*Note:* Percentage of total sample is given in parentheses

**Table-3 Pattern of PE according to the age groups**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Age** |  |  |
|  |  | **<18** | **18-35** | **>35** |  |
|  | **Central** | 0 (0.0) | 6 (2.0) | 11 (3.7) | 17 (5.8) |
| **PE TYPE** | **Central & Peripheral** | 1 (0.3) | 7 (2.4) | 34 (11.5) | 42 (14.2) |
|  | **Peripheral** | 3 (1.0) | 23 (7.8) | 210 (71.1) | 236 (80.0) |
|  |  | 4 (1.4) | 36 (12.2) | 256 (86.8) | 295 (100) |

*Note:* Percentage of total sample is given in parentheses

**Table-4 Positivity model coefficients**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Estimate** | **Std. error** | **P** |
| **Intercept** | -2.414 | 0.140 | <0.001 \*\*\* |
| **BMI 25-40** | 0.294 | 0.149 | 0.048 \* |
| **BMI >40** | 0.107 | 0.204 | 0.600 |
| **Loc: ICU** | 0.543 | 0.172 | 0.002 \*\* |
| **Loc: IN** | 0.295 | 0.151 | 0.051 |
| **Loc: OUT** | -0.147 | 0.262 | 0.574 |

Note: Significance: < .1, ∗ <.05, ∗∗ < .005, ∗ ∗ ∗ < .001