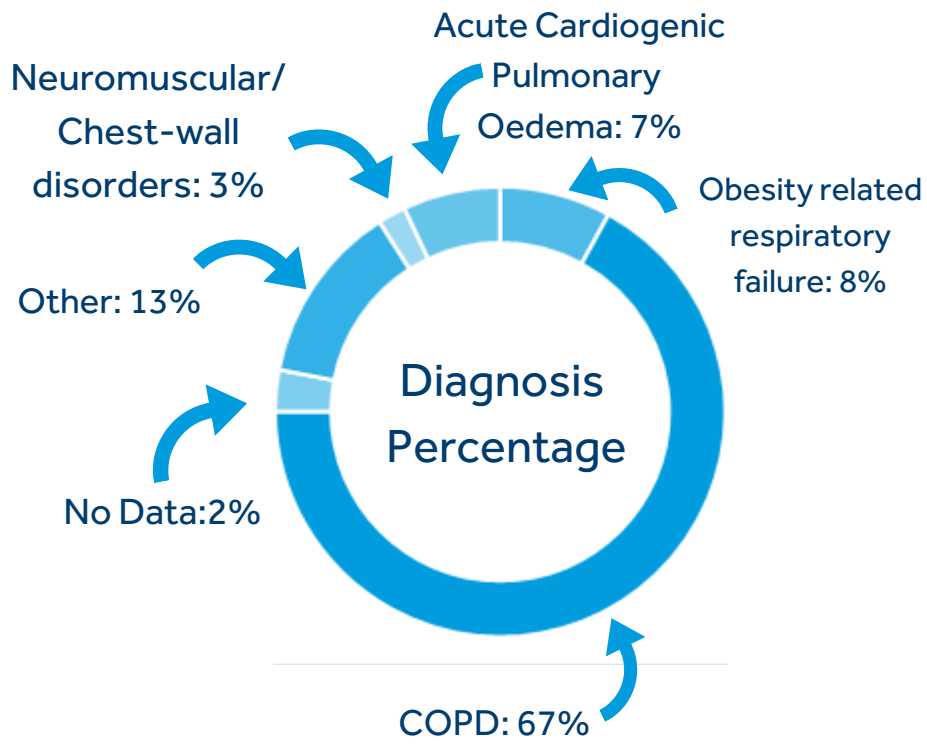


BTS NATIONAL ADULT NON-INVASIVE VENTILATION AUDIT 2019

PATIENT LEVEL DATA

KEY DEMOGRAPHICS



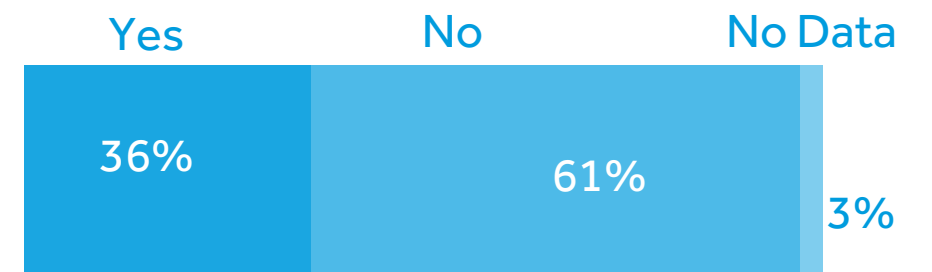
3502
Records

158
Hospitals

Previous Acute NIV



Consolidation present on CXR



Median: 72

Age

Gender

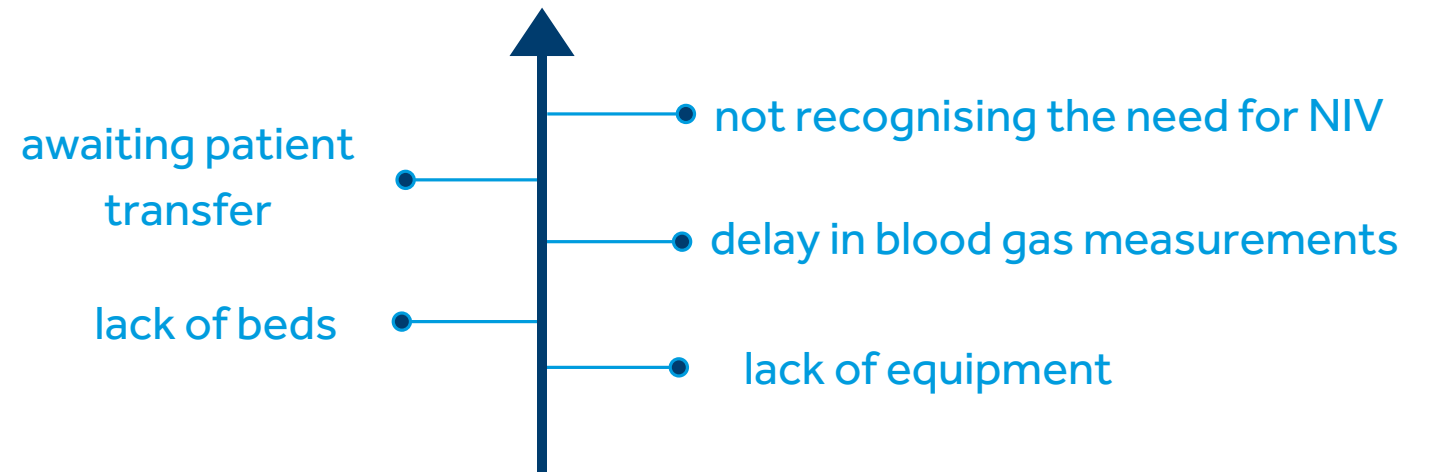
56% Female

ADMISSION TO NIV START

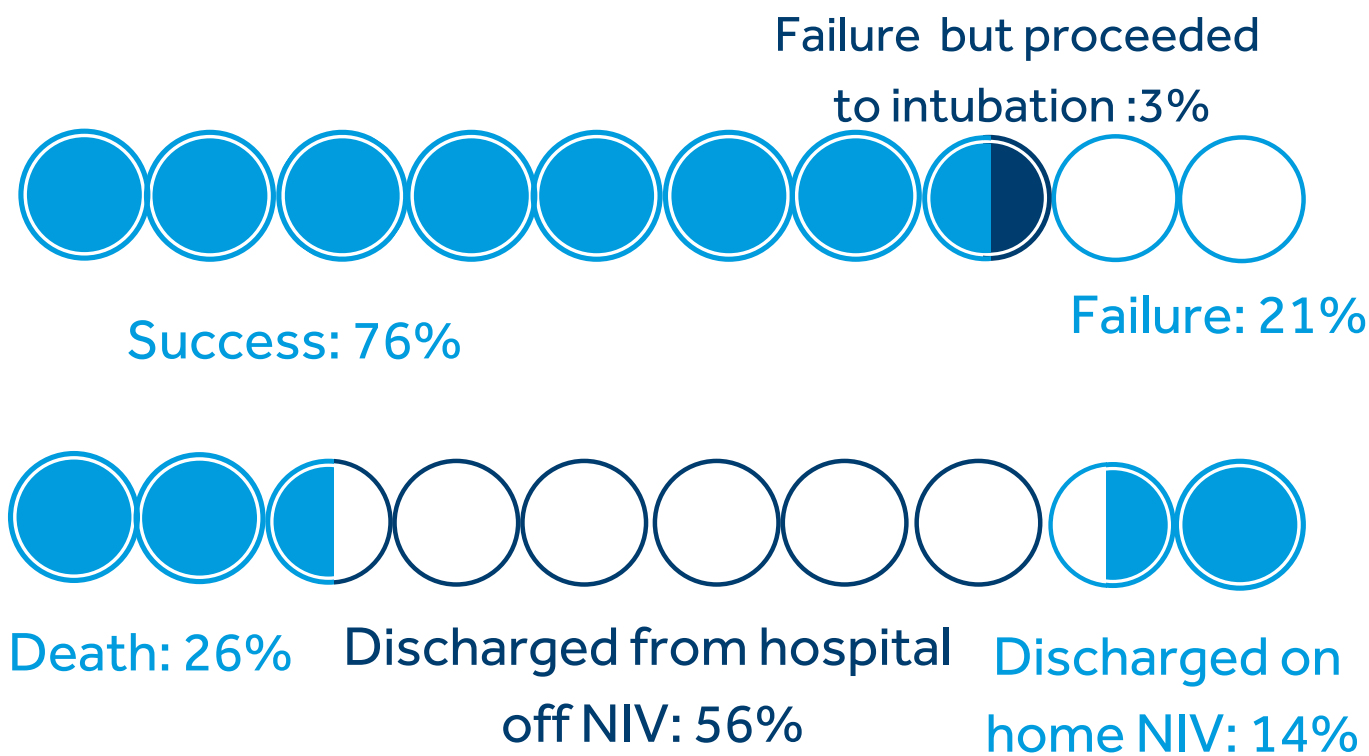
| DOOR TO MASK TIME (HOURS) | PERCENTAGE OF ALL PATIENTS SEEN WITHIN 24 HOURS |
|---------------------------|---|
| 0-2 | 36% |
| 0-4 | 57% |
| 0-6 | 70% |
| 0-12 | 87% |
| 0-24 | 100% |

MANAGEMENT

Reasons for delay in NIV treatment



NIV OUTCOMES



OUTCOMES SUMMARY

What plan was made

| | |
|---|--------|
| Discharged from hospital off NIV | 56.40% |
| Transferred to home ventilation centre or discharged with home NIV by treating centre | 14.62% |
| Death (respiratory cause) | 22.07% |
| Death (non-respiratory cause) | 4.14% |
| No data / Not recorded | 0.20% |
| Other | 2.57% |

NATIONAL IMPROVEMENT OBJECTIVES

Improve patient selection for NIV, evidenced by reducing the proportion of patients who start NIV in the absence of a clearly documented evidence-based indication. (Current 13%: Target <10%)

Increase the proportion of patients who start NIV within 60 minutes of the blood gas that defines its need. (Current 50%: Target >60%)

Increase the proportion of NIV services that have a named nursing lead and/or physiotherapy lead with time allocated to provide service leadership. (Current 69%: Target >90%)