



PIONEER

Health Data Research Hub

Demography, Interventions & Outcomes Of Older Patients Following Stroke

Data range for infographic: 01.01.2000-02.02.2022

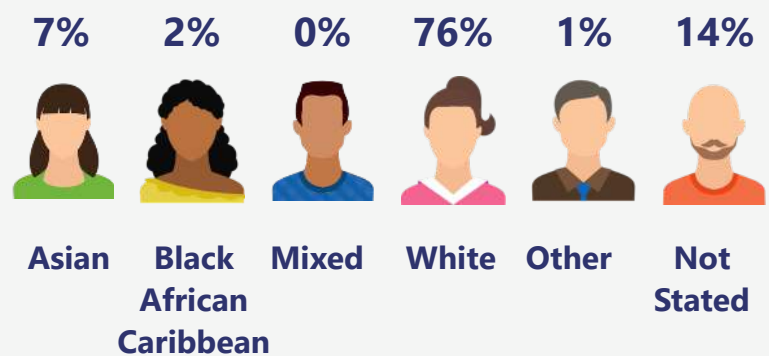
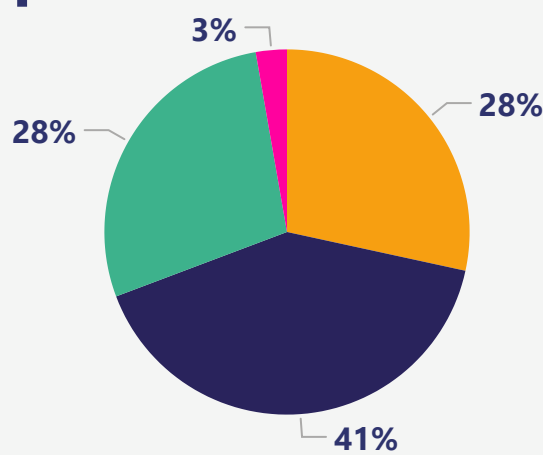
Other extended time periods are available on request

24,783 older patients admitted with a stroke. Granular detail of care pathways. Multi-morbidity, investigations, interventions and treatments. Serial physiology, blood biomarkers, physiotherapy, outcome. Deeply phenotyped.

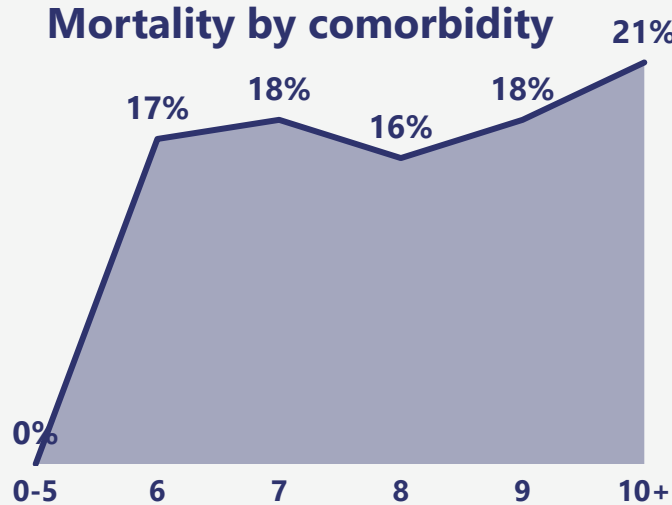
Demographic

Age Group

- 65-74
- 75-84
- 85-94
- 95+



Mortality by comorbidity



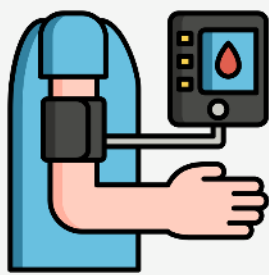
Comorbidities

Top 5 diagnoses inpatient spells:

- 21K Cerebral infarction
- 19K Essential (primary) Hypertension
- 7K Cerebrovascular accident
- 6K Suspected cerebrovascular accident
- 4K Other specified cerebrovascular diseases

Other diagnosis are available

7M



Vital Signs

4M



Laboratory Tests

Measurements

- 993K Blood Pressure
- 572K O2 sats (%)
- 524K Respiratory Rate

83K



Antiplatelets

28K



Anticoagulant

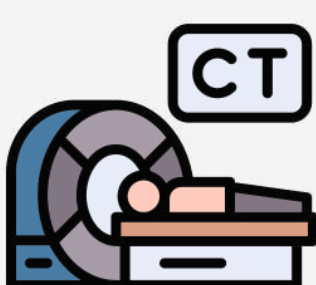
Medication

- 3M drug administered
- The most common direct oral anticoagulant is Apixaban with 18K administrations

Inpatient care

- 29,333 Hospitalised spells; containing 24,783 patients diagnosed with Stroke
- 530K days worth of hospital data with an average in-hospital length of stay of 18 days
- The average Glasgow Coma Scale is 12 (moderate traumatic brain injury)
- Based on the index of multiple deprivation map, 19% of the population are from most deprived areas and 7% of patients are from least deprived areas

7M



Imaging

- 36K Radiology
- 30K CT
- 7K MRI

Other Imaging details are available

103M



Therapy

- 51K Physiotherapy
- 30K Occupational therapy
- 14K Speech and language therapy

Other Therapy details are available

Other associated data available upon request

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