



PIONEER

Health Data Research Hub

Synthetic Data: Acute Atrial Fibrillation Patient Profiles & Clinical Insights

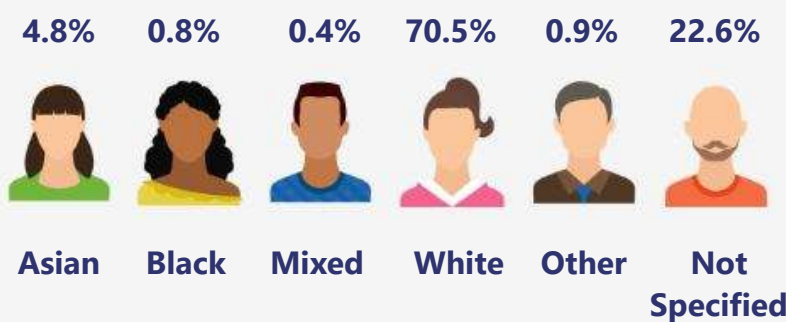
Data range of source data for infographic: 11/2017 - 01/2021
Other extended time periods are available on request

A synthetic dataset featuring patient-level information for 24.80k atrial fibrillation patients admitted at A&E, including demographics, and other clinical records during hospital admissions.

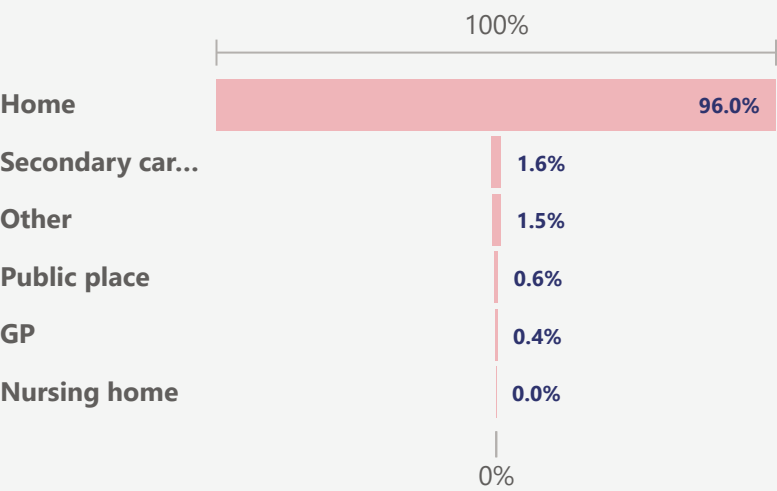
Demographic

- The dataset includes:
- Young adults **2.2%** (ages <40)
 - Mid-age adults **7.4%** (ages 40-60)
 - Aged adults **37.3%** (ages 60-80)
 - Elderly **53.1%** (ages 80+)

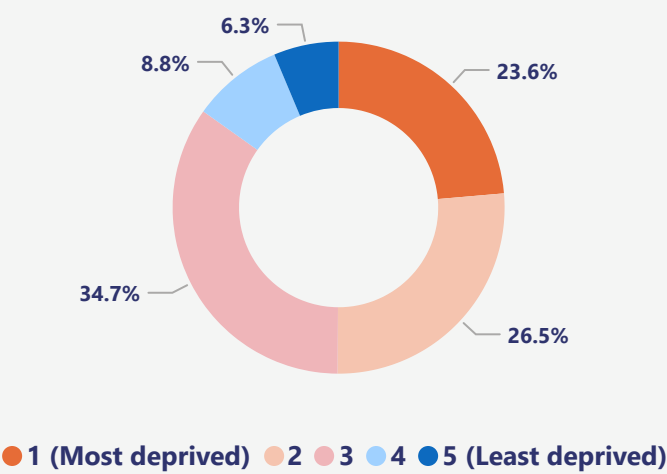
41% of atrial fibrillation patients are female and **59%** of patients are male.



Patient by Admission Location



Patient by Deprivation Index



Inpatient care

- 24.80k** Hospitalized spells
- 3591** death in hospital during the current spell
- 223K** days of hospital data
- 6-days** Median In-Hospital Length of Stay

Medical Events during Inpatient care

