



PIONEER

Health Data Research Hub

Investigation pathways for headache patients aged 65+ in acute hospital settings

Data range for infographic: 01.01.2013-31.12.2023

Other extended time periods are available on request

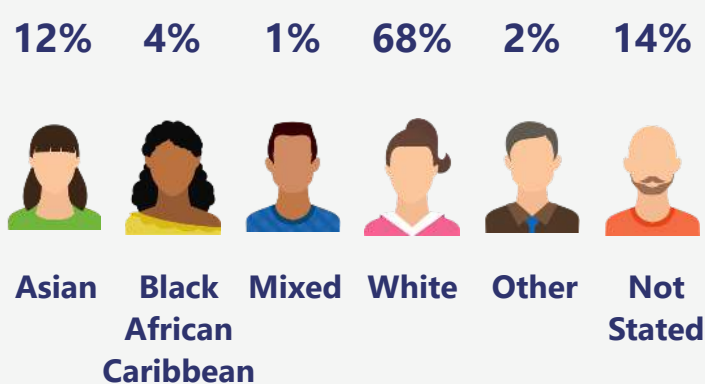
A granular dataset of 5,352 patients aged 65+ presenting with headaches to unplanned and emergency care. Includes demographics, vital signs, acuity, comorbidities, lab results, investigations. Offers insights into pathways and outcomes for older adults.

Demographic

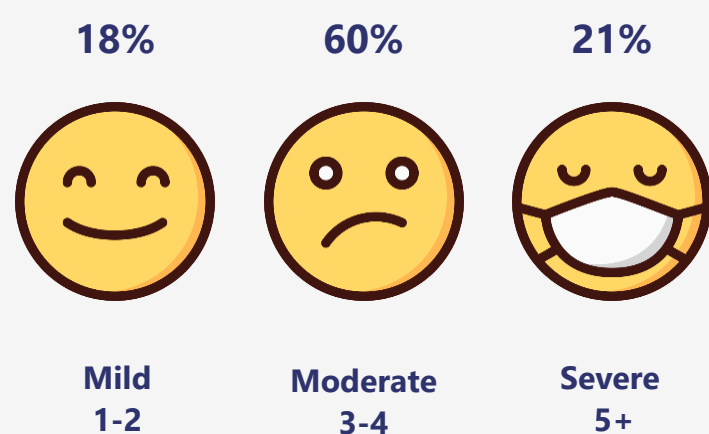
The dataset includes patients aged 65+:

- Female **64%**
- Male **36%**

Based on the index of multiple deprivation map, **42%** of the population are from most deprived areas and **13%** of patients are from least deprived areas.



Charlson Comorbidity Index Score



Diagnosis

Top 5 diagnoses in patient spells are:

- 9,550** Headache
- 5,234** Essential (primary) hypertension
- 923** Tension-type headache (disorder)
- 856** Migraine
- 391** Subarachnoid haemorrhage

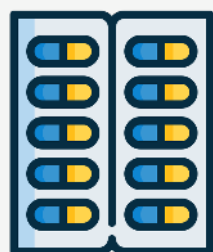
More Diagnosis details available

335



Anticoagulant

1117

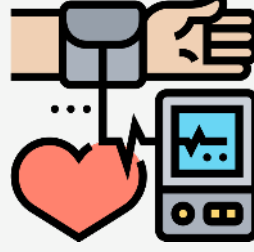


Migraine Medicine

Prescription

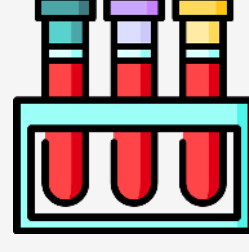
- Over **7,123** prescriptions recorded
- The most common acute migraine drug is Paracetamol with **286** prescriptions

328K



Observation

215K



Laboratory Tests

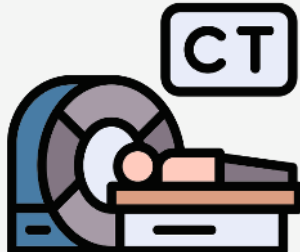
Measurements

238 Cerebrospinal fluid (CSF) test recorded with an average of **3.66** mmol/L for CSF Glucose and an average of **0.52** g/L for CSF Protein

Inpatient care

- 6,135** Hospitalised spells; containing **5,352** unique patients with emergency admissions.
- 16K** days worth of hospital data with an average in-hospital length of stay of **2** days.
- 1,057** out of hours admission and **20%** of spells readmitted to hospital within 30 days.
- The median Thrombosis score is **1** and the median Manchester Mobility score is **6**.

4768



CT scans

802



MRI scans

Medical Imaging

- 50** CT Venogram Intracranial
- 13** CT Venogram
- 10** MRV Venogram

Other image details are available

4130



Referrals

- 2012** General Medicine
- 196** Emergency Medicine
- 183** Neurosurgery

Other referral details are available

Other associated data available upon request

Contact us at:
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