



PIONEER

Health Data Research Hub

Clinical Characteristics Of Hospitalised Primary Biliary Cholangitis Patients

Data range for infographic: 30.03.2000-30.01.2024
Other extended time periods are available on request

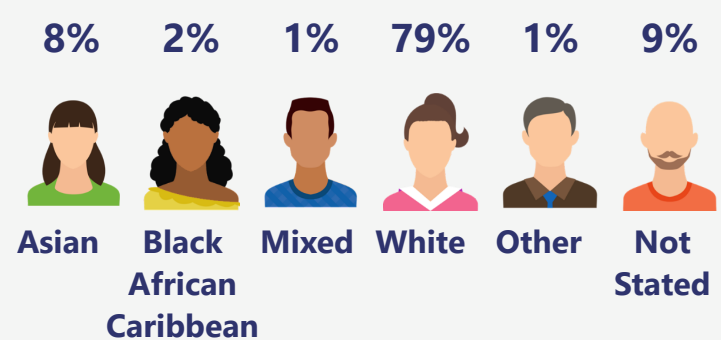
Detailed dataset of >3.5K patients with hospitalised Primary Biliary Cholangitis (March 2000 to January 2024). Granular care pathways. Deeply phenotyped. Serial physiology, blood markers. Demography, investigations, treatments and outcomes.

Demographic

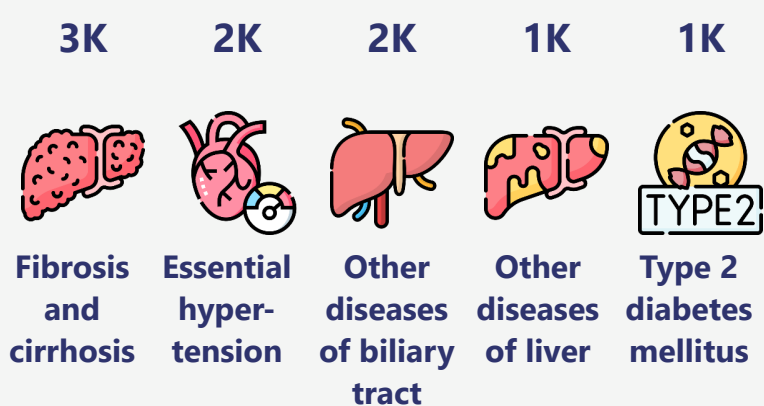
The dataset includes:

- Children & young adult **2%** (ages 0-20)
- Adults **58%** (ages 21-65)
- Elderly **40%** (ages 66+)

Based on the index of multiple deprivation map, **26%** of the population are from most deprived areas and **13%** of patients are from least deprived areas.



Top 5 ICD10 diagnoses

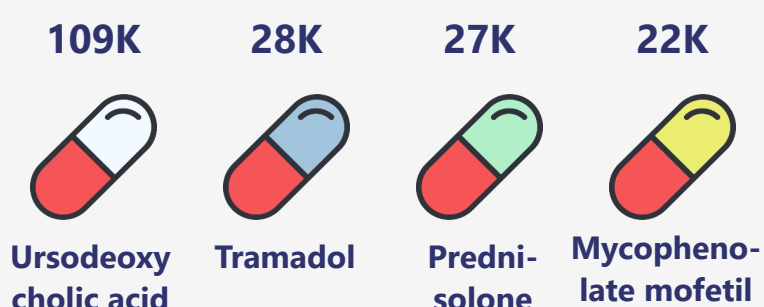


Diagnoses

Over **106K** diagnoses consisting of:

- Professionally coded final diagnoses
- **94K** ICD10 diagnoses
- **2K** SNOMED diagnoses
- **2K** Professionally coded SNOMED presenting complaints
- **4K** admission diagnoses
- **4K** Clinical diagnoses

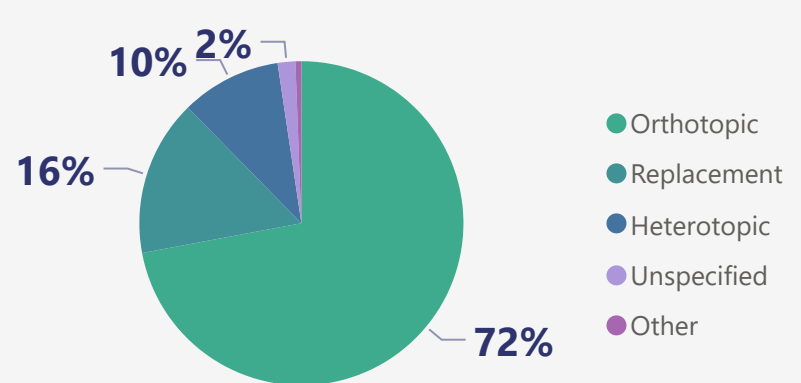
Drug administrations



Medications

Over **2K** unique drugs recorded, **325K** written prescriptions and **2M** drug administrations available.

Other medications are available.



Liver transplant

Total of **332** Liver transplant operations completed and over **1K** liver related medical procedures recorded.

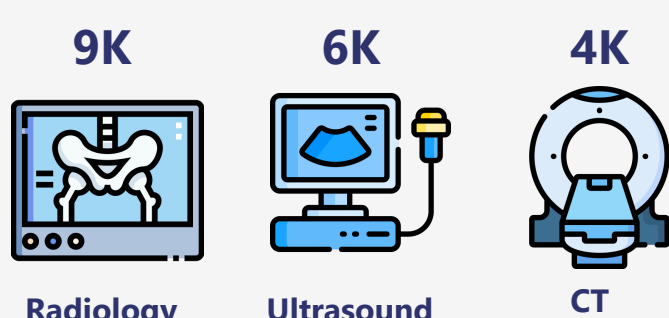
Other procedures are available.

Inpatient care

- **7,156 Hospitalised spells**; containing **3,520** patients with diagnosed and presumed PBC
- **83K** days worth of hospital data with an average in-hospital length of stay of 11 days
- In-hospital mortality rate of 5% and 95% of patients surviving within 30 days from admission
- The median Early Warning Score (EWS/NEWS2) is 1 and the median AVPU Scale is 4

Medical imaging

- **3,877** Abdomen Ultrasounds
- **1,073** Abdomen CT scans
- **700** Abdomen X-rays



Other medical imaging are available.

Liver function tests

- **94K** Prothrombin time
- **69K** Albumin
- **64K** Alkaline phosphatase
- **54K** Bilirubin
- **25K** Aminotransferase



Other laboratory tests are available.