PIONEER Health Data Research Hub

Risk and outcomes of Coagulopathies in acutely unwell adults

Data range: 01.01.2015-18.11.2020 - Purpose of analysis
Data available from 01.01.2000 to date on request

NHS University Hospitals Birmingham NHS Foundation Trust

Total dataset size

2.1 GB

Measurements recorded	Total spells recorded	Total discharged
7M	16.5K	15.1K
Mortality rate	**Total distinct patients**	**Total Covid symptoms**
2.8%	13.4K	294

One of Europe's LARGEST most diverse and non-transient populations

Length of stay (days)

Max LOS	Summation of patients LOS	Mean LOS
364	79K	4.83

Demographics

Asian	Black African Caribbean	Mixed	White	Other	Not Stated
11%	6%	2%	71%	2%	8%

42 % 58 %

1 (Most deprived)	2	3 IMD	4	5 (Least deprived)
49%	24%	16%	7%	4%

0-25	26-40	41-55	56-70	71+
5%	17%	20%	25%	34%

Coagulation assay

PTT ratio	Fibrinogen level	INR in blood
13.23K	1183	61.71K

Platelets in blood	Red blood cell count
51.58K	49.50K

(Other measurements are available)

Measurements

Heart rate	426K
Respiratory rate	369K
Body temperature	362K
Blood pressure	328K
Glasgow coma score	52K

(Other measurements are available)

Coagulopathy drugs administered & Top 5 drug forms

Apixaban	Aspirin	Tinzaparin	Clopid-ogrel	Warfarin Sodium
7.71K	4.5K	4.18K	1.32K	1.07K

0.7M Drugs recorded

Tablet	Drug infusion	Capsule	Injection	Gas (Nasal Cannulae)
177.0K	146.1K	58.3K	44.3K	34.3K

(Other drugs and forms are available)

Top ICD10 Diagnoses

(Other diagnoses available including SNOMED diagnoses)

Hypertension	Pulmonary embolism	History of diseases of the circulatory system	Long-term anticoagulants use history	Embolism and thrombosis
5712	3958	3055	2763	1900

Mortality % by Comorbidity

0-5	6	7	8	9
0.14%	0.48%	1.19%	2.08%	11.82%

Number of comorbidities

(Individual comorbidity available)