

The Burden of Stroke in the United Kingdom

Based on the findings of *The Burden of Stroke in Europe* report conducted by King's College London for the Stroke Alliance for Europe

Population: 65,542,579

Healthcare cost of stroke in the United Kingdom = €2,652.4 million (€41 per capita)

Treatment landscape:

1/3 hospitals have a direct transfer policy from ambulance to stroke unit, bypassing the emergency room

183 stroke units exist in the United Kingdom, with transient ischaemic attack (TIA) clinics having immediate/same day evaluation of patients by a stroke specialist

There are a range of established organisations that offer support to stroke patients

GPs are informed of a patient's discharge and updated on their progress post discharge, with a check-up six months post stroke

Multi-disciplinary teams see a patient, on average, within 1-2 days post initial referral and work with them for 2-6 weeks beyond this point

Stroke in the United Kingdom:

Incidence:

43,700
strokes per year

39.3

strokes per

100,000
inhabitants annually

Prevalence:

602,149
strokes

619.5

strokes per

100,000
inhabitants

Mortality:

53,004
deaths due to stroke per year

41.5

deaths per

100,000
inhabitants annually

Estimated increase 2015–2035:



Incidence:
44%



Prevalence:
32%



Deaths:
56%



DALYs Lost:
41%

Risk factor prevalence:



High blood pressure
20.3%



High cholesterol
63.4%



Smoking
20.3%



Raised glucose
7.7%



Atrial fibrillation (AF)
2.4%

Act FAST national stroke awareness campaigns have had a significant impact on information seeking behaviour.

Anticoagulant treatment rates:

The overall use of oral anticoagulants in AF-patients in the United Kingdom is

78%

38.2% of low-risk AF-patients use oral anticoagulants

7.2% of very high-risk AF-patients are not taking treatment

