

The Burden of Stroke in Spain



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: 46,777,373

Healthcare cost of stroke in Spain = €1,244.8 million (€27 per capita)

Treatment landscape:

A Stroke Code System is implemented nationwide, which involves ambulance and emergency staff screening for stroke and hospital pre-notification

The "Strategy for Stroke of the National Health System" established objectives for prevention, acute care, and rehabilitation. Additionally, national clinical guidelines have been developed and the Stroke Healthcare Plan aims to make specialised care available to all patients

59 stroke units and 27 comprehensive stroke centres. Some regions have a well-developed network of telestroke

Dedicated transient ischaemic attack (TIA) clinics exist with immediate or same day evaluation of patients by a stroke specialist

RAPID, a public campaign, similar to FAST, has been launched to improve stroke awareness and recognition

Stroke in Spain:

Incidence:

46.2
strokes per

100,000
inhabitants
annually

40,214
strokes per year

Prevalence:

357.3
strokes per

273,971
strokes

100,000
inhabitants

Mortality:

34.5
deaths per

36,302
deaths due
to stroke per year

100,000
inhabitants
annually

Estimated increase 2015–2035:



Incidence:
35%



Prevalence:
31%



Deaths:
39%



DALYs Lost:
35%

Risk factor prevalence:



High blood pressure
24.8%



High cholesterol
56.1%



Smoking
30.3%



Raised glucose
9.4%



Atrial fibrillation (AF)
4.4%*

*4.4% in adults >40yrs; 1.5% overall

There is a National Stroke Day, held annually since 1999, with several mass media activities to raise stroke awareness.

Anticoagulant treatment rates:

In Spain, the use of oral anticoagulants in AF-patients is **87.9%**

- Gender and age were related to lower rates of anticoagulant use
- Cognitive impairment was the main reason for non-treatment

