

The Burden of Stroke in Slovakia

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: 5,422,366

Healthcare cost of stroke in Slovakia = €109.9 million (€20 per capita)

Treatment landscape:

The Slovak Neurological Society organises the process of stroke care, and new national guidelines for acute stroke therapy were prepared by the Slovak Stroke Society in 2015

56 neurological departments have intensive care units for acute stroke therapy. The CEES Working Group estimate there are 10 stroke units, treating 20% of stroke patients

Poor coordination between hospital and rehabilitation departments and a lack of specialist rehabilitation provision

Emergency services receive stroke training

Telemedicine is in operation in some regions

Stroke in Slovakia:

Incidence:
9,491 strokes per year
129.3 strokes per 100,000 inhabitants annually

Prevalence:
49,673 strokes
684.1 strokes per 100,000 inhabitants

Mortality:
5,401 deaths due to stroke per year
71.3 deaths per 100,000 inhabitants annually

Estimated increase 2015–2035:



Incidence:
53%



Prevalence:
36%



Deaths:
77%



DALYs Lost:
52%

Risk factor prevalence:



High blood pressure
31.6%



High cholesterol
52.5%



Smoking
28.8%



Raised glucose
8.6%

There are campaigns to improve public stroke awareness and the appropriate emergency response, such as Time is Brain.

Anticoagulant treatment rates:

No data has been published to demonstrate the use of oral anticoagulants in Slovakia, however:

- Thrombectomy is available for most patients. 60 thrombolysis procedures were reported to have been undertaken in 2005, compared to 3,665 in 2008-2014

