

The Burden of Stroke in Lithuania



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: 2,881,020

Healthcare cost of stroke in Lithuania = €41.6 million (€14 per capita)

Treatment landscape:

National stroke guidelines were updated in 2007 by the Lithuanian Stroke Association

Data from the Kaunas stroke registry found 22.7% of stroke patients spent >50% of their hospital stay in a stroke unit between 2004-06

No formal requirement for organised stroke units or certification for organised stroke care. Data from 2007 shows 7 stroke units in operation

24 acute hospitals that admit stroke patients are in operation, mainly admitting to neurological wards or intensive care units

Inpatient rehabilitation can last up to 48 days, during which the patient will receive individual and group physiotherapy, speech therapy, cognitive rehabilitation and occupation therapy

Stroke in Lithuania:

Incidence:
8,817 strokes per year
167.9 strokes per 100,000 inhabitants annually

Prevalence:
44,386 strokes
905.4 strokes per 100,000 inhabitants

Mortality:
5,036 deaths due to stroke per year
85.6 deaths per 100,000 inhabitants annually

Estimated increase 2015–2035:

▲ Incidence: 2%

▼ Prevalence: -3%

▲ Deaths: 10%

▲ DALYs Lost: 1%

Risk factor prevalence:



High blood pressure
34.7%



High cholesterol
54.8%



Smoking
30.1%



Raised glucose
9.7%

Anticoagulant treatment rates:

According to data from 2004-6, **37.3%** of stroke patients with atrial fibrillation use oral anticoagulants

