

# The Burden of Stroke in Israel

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: 8,192,463

## Treatment landscape:

The Ministry of Health developed and published a directive about the organisation of acute stroke care

National clinical guidelines have been established by the Israeli Neurological Association

Both emphasise stroke as a medical emergency

Patients with acute stroke are managed in stroke units, neurology or medical wards

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

Previous nationwide FAST public health campaign including advertisement on TV

## Stroke in Israel:

Incidence:

**4,171**  
strokes per year

**45.6**  
strokes per

**100,000**  
inhabitants annually

Prevalence:

**26,450**  
strokes

**309.2**  
strokes per

**100,000**  
inhabitants

Mortality:

**3,368**  
deaths due to stroke per year

**33.9**  
deaths per

**100,000**  
inhabitants annually

## Risk factor prevalence:



High blood pressure

**19.7%**



High cholesterol

**53.5%**



Smoking

**30.4%**



Raised glucose

**7.2%**

## Anticoagulant treatment rates:

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

- Thrombolysis is currently provided at about 20 medical centres nationally
- Thrombolysis rates were 0.4% of hospitalised ischaemic stroke patients in 2004 and 7.4% in 2013 according to the National Acute Stroke Israeli Registry

