

The Burden of Stroke in Denmark

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: 5,368,854

Healthcare cost of stroke in Denmark = €135.7 million (€24 per capita)

Important advancements in Danish stroke care:

2000

National Indicator Project – a national audit of stroke care

2003

Danish Stroke Registry launched, capturing ~90% of strokes

National clinical acute care guidelines published; these are updated regularly

2008

Thrombolysis became available nation-wide 24/7

2011

51% of stroke patients were admitted to a stroke unit within 24 hours of admission (Danish Stroke Registry)

2012

The Central Denmark Regions undertook a reform that focused on centralization of acute stroke care into two specialized hospitals

Stroke in Denmark:

Incidence:

5,279
strokes per year

56.5
strokes per

100,000
inhabitants annually

Prevalence:

32,918
strokes

367.9
strokes per

100,000
inhabitants

Mortality:

4,556
deaths due to stroke per year

44.9
deaths per

100,000
inhabitants annually

Estimated increase 2015–2035:



Incidence:
47%



Prevalence:
28%



Deaths:
68%



DALYs Lost:
43%

Risk factor prevalence:



High blood pressure
26.3%



High cholesterol
65.2%



Smoking
18.9%



Raised glucose
6.1%



Atrial fibrillation
2% in adults > 25 years old

Additional awareness of risk factors and symptoms is needed with both currently being insufficient.

Anticoagulant treatment rates:

The Danish Registry demonstrated that use of oral anticoagulants in AF-patients is approximately:

72% in Belgium, Denmark, the Netherlands and Norway combined



75.7% of patients are treated according to guideline

