

ANNUAL REPORT 2025

Stroke centre Ziekenhuis Oost-Limburg



STROKE CENTRE

Total number of dedicated stroke beds: **19**

- Monitored beds: **10**
- Non-monitored beds: **9**

TYPES OF ACUTE STROKES

Cerebrovascular accident (CVA)	488
Transient Ischaemic Attack (TIA)	177
Intracerebral Haemorrhage (ICH)	57
Cerebral Venous Sinus Thrombosis (CVST)	2
Total	724

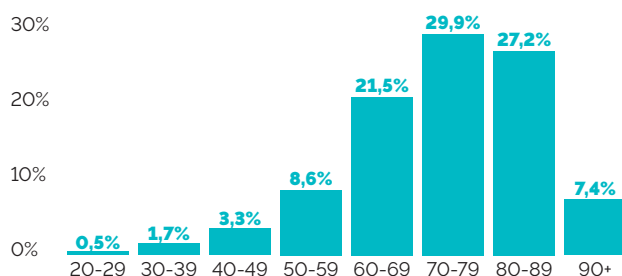
ACUTE TREATMENT

Thrombectomy	55
Thrombolysis	74
Thrombectomy and thrombolysis	30
Total	159

CVA & TIA

PATIENT DEMOGRAPHICS

AGE DISTRIBUTION



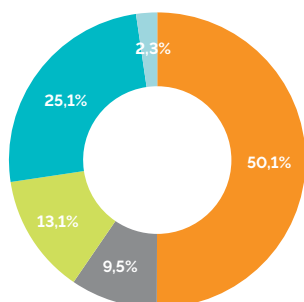
GENDER



DIAGNOSIS & TREATMENT

STROKE SEVERITY FOR ALL PATIENTS: TREATED & UNTREATED

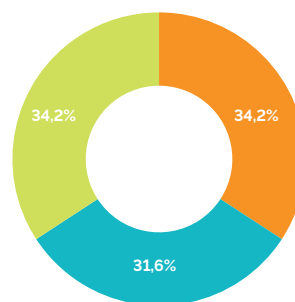
NATIONAL INSTITUTES OF HEALTH
STROKE SCALE: NIHSS



- No symptoms (0)
- Mild stroke (1-6)
- Moderate stroke (7-15)
- Severe stroke (16-42)
- Missing data

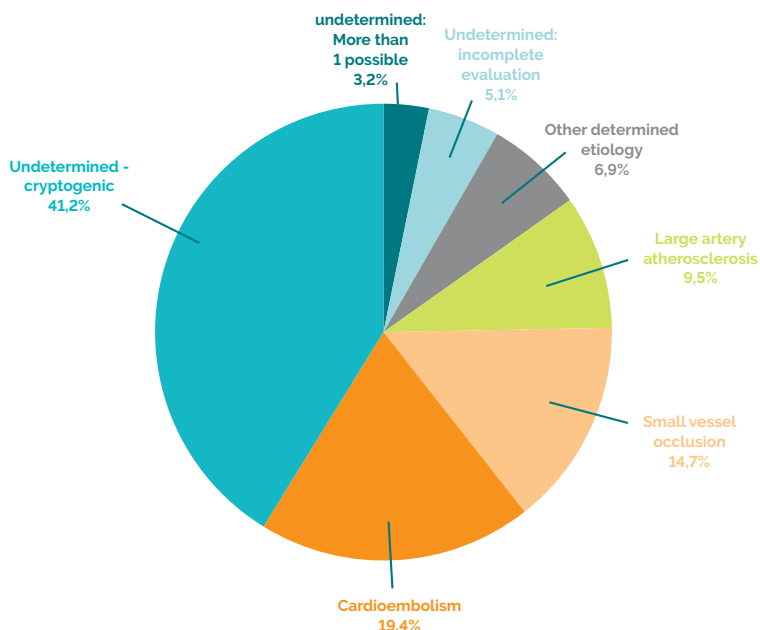
STROKE SEVERITY FOR TREATED PATIENTS

NATIONAL INSTITUTES OF HEALTH
STROKE SCALE: NIHSS



- Mild stroke (1-6)
- Moderate stroke (7-15)
- Severe stroke (16-42)

ETIOLOGY AT DISCHARGE: CLASSIFICATION OF SUBTYPES OF ACUTE ISCHAEMIC STROKE (TOAST CLASSIFICATION)



QUALITY INDICATORS - EMERGENCY TREATMENT

TIMING

DOOR TO CT-TIME (median in minutes for all treated stroke patients)

	Median	Range: Q1	Range: Q3
OVERALL	9 min	5 min	20 min
Mild stroke	14 min	6 min	25 min
Moderate stroke	9 min	4 min	19 min
Severe stroke	6 min	4 min	9 min

DOOR TO NEEDLE-TIME (median in minutes)

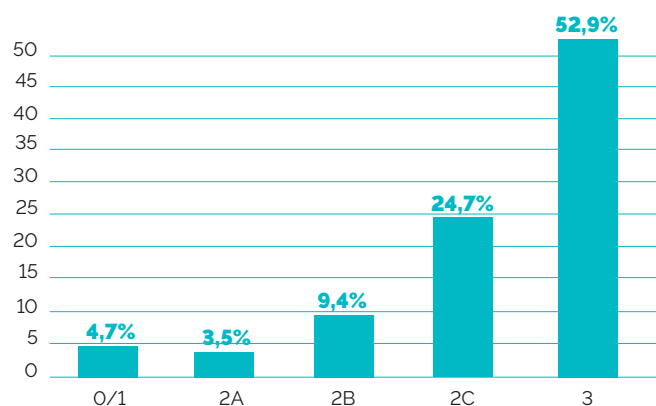
	Median	Range: Q1	Range: Q3
OVERALL	25 min	12 min	35 min
Mild stroke	30 min	21 min	40 min
Moderate stroke	23 min	14 min	36 min
Severe stroke	11 min	9 min	17 min

DOOR TO GROIN-TIME (median in minutes)

	Median	Range: Q1	Range: Q3
OVERALL	44 min	26 min	76 min
Mild stroke	81 min	70 min	102 min
Moderate stroke	38 min	23 min	76 min
Severe stroke	46 min	31 min	72 min

REVASCULARISATION

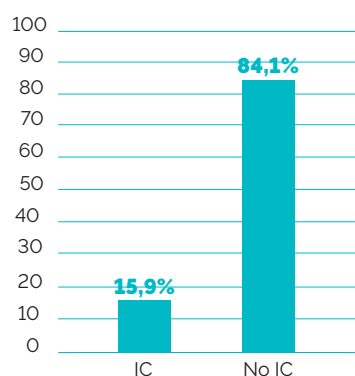
Thrombolysis in cerebral infarction (TICI) score



- 0/1: No or minimal perfusion
- 2A: Partial filling < 2/3 territory
- 2B: Arterial filling ≥ 2/3 territory
- 2C: Near complete perfusion
- 3: Complete perfusion

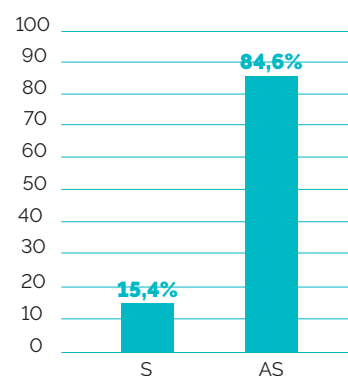
COMPLICATIONS

Intracranial haemorrhage after EVT



IC: intracranial haemorrhage
No IC: no intracranial haemorrhage

Intracranial haemorrhage after EVT: clinical consequences



S: Symptomatic (increase in NIHSS > 4)
AS: Asymptomatic (increase in NIHSS < 4)

QUALITY INDICATORS - STROKE UNIT

DIAGNOSTICS

TTE/TEE	83,3%
Ultrasound/CT angiography	95,2%

SWALLOW ASSESSMENT

during admission

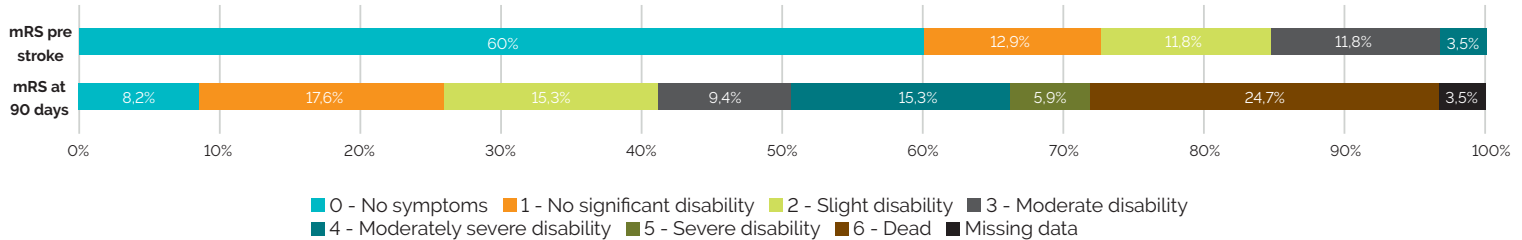
Screening performed	67,4%
No screening	32,6%

MOBILIZATION

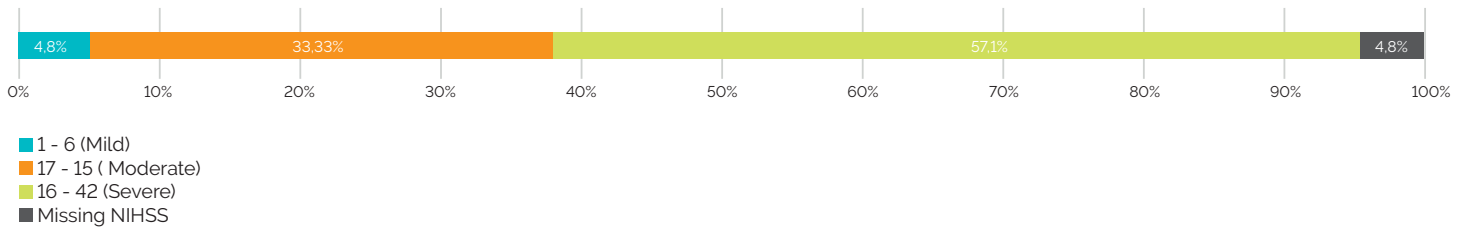
during admission

Mild stroke	80,5%
Moderate stroke	71,3%
Severe stroke	52,4%

QUALITY INDICATORS - OUTCOME AMONG PATIENTS TREATED WITH EVT



NIHSS at admission in patients with 90 day mRS 6



GOALS STROKE CENTRE 2026

- Ongoing application for ESO Stroke Centre Certification 2028
- Simulation training in stroke care for nurses in the stroke unit
- Development of a training program for newly assigned stroke unit nurses
- Optimization of data registration:
 - Data exchange for patients externally referred for thrombectomy procedures
 - Accurate recording of stroke unit admission time points
- Participation in 'A Phase 2, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Safety, Tolerability, and Efficacy of TAK-755 in Acute Ischemic Stroke'
- Upgrading of stroke unit capacity from 6 to 10 dedicated stroke beds to optimize acute stroke care and patient flow