Important information

- The Riksstroke register was established 1994.
- From 1998, <u>all</u> hospitals in Sweden admitting patients with acute stroke, reported data to the Riksstroke register
- Variables that are not mandatory
- On the website, under the tab Forms, you find the Riksstroke forms that are translated to English

Acute phase form

Year	1994-1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Version	1.0-2.0	3.0	4.0	5.0		6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Personal ID number																					
Gender																					
Name, address, telephone number																					
Municipality code																					
County code																					
Reporting hospital																					
Ward																					
Completed by																					
Has the patient been admitted to hospital for this stroke																					
Reason for not admitting the patient																					
Was the patient already enrolled at the hospital at the time of the stroke episode																					

PRIOR to the onset of stroke

Year	1994-1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0	5.0		6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Living arrangements																				
Living alone																				
Need for assistance																				
Mobility																				
Toilet visits																				
Dressing																				

Risk factors

Year	1994-1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.03.0	4.0	5.0		6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	
Previous stroke																				
Prior TIA/Amaurosis fugax																				
Auricular fibrillation, previously																				
diagnosed or recently identified																				
Auricular fibrillation, previously																				
diagnosed																				
Auricular fibrillation, recently																				
identified																				
Diabetes, previously diagnosed or																				
recently identified																				
Treated for hypertension at onset of																				
stroke																				
Smoking																				

Acute management

Year	1994-1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0	5.0		6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Level of consciousness																				
NIHSS at admission																				
Is the NIHSS assessment complete																				
Is a swallow test performed																				
CT scan – brain																				
MR scan – brain																				
If yes, MR scan – brain:																				
MR shows new cerebral infarction/no																				
new cerebral infarction																				
Carotid ultrasound (alt. CT angio)																				
Carotid ultrasound performed																				
Carotid ultrasound - examination																				
date CT or MR angiography performed																				
CT of Wik aligiography performed CT angiography performed																				
CT angiography – examination date																				
												<u> </u>								
MR angiography performed												<u> </u>								
MR angiography – examination date																				
Angio territory assessed by CT or MR angiography																				
Long-term ECG performed																				
Examined by a speech therapist or another dysphagia specialist regarding speech or swallowing function																				
Has the patient been evaluated by a speech therapist for difficulties with speech																				
Has the patient been evaluated by a speech therapist or another dysphagia specialist for difficulties with swallowing during the period of treatment																				

Pharmaceutical treatment

Year	1994-1997	1998-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Diuretics																		
ACE inhibitors																		
A2 inhibitors																		
Beta blockers																		
Calcium antagonists																		
Other blood pressure medication																		
Blood pressure medication, all groups								İ	İ	İ								
Statins - lipid lowering agents																		
ASA																		
Clopidogrel																		
ASA + dipyridamole																		
Dipyridamole																		
Other antithrombotic drugs																		
than ASA, clopidogrel and dipyradamole																		
Warfarin																		
If yes, treatment with warfarin at onset state PK																		
(INR) value regardless of diagnosis																		
Other peroral anticoagulants																		
than warfarin						<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>								
Apixaban (Eliquis)														1				
Dabigatran (Pradaxa)														1				
Rivaroxaban (Xarelto)																		
Peroral anticoagulants other than Warfarin, Apixaban, Dabigatran, Rivaroxaban																		
Main reason why warfarin or other oral																		
anticoagulants than warfarin are not prescribed at																		
discharge if the diagnoses are atrial fibrillation and																		
diagnose I63																		
Heparin														1				
Other medication against stroke														1				
Heparin/Fragmin/Innohep/Klexane as <i>progressive</i> stroke treatment																		
Heparin/Fragmin/Innohep/Klexane as <i>prevention</i> for DVT																		
Heparin/Fragmin/Innohep/Klexane as temporary substitute for Warfarin																		

Thrombolysis

Year	1994-1997	1998-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Thrombolysis alarm																		
Thrombolysis performed for stroke																		
Reason thrombolysis not performed																		
Thrombolysis:																		
Cerebral haemorrhage with clinical deterioration																		
<36 hrs after start of therapy																		
Notable improvement after thrombolysis																		
NIHSS prior to thrombolysis																		
NIHSS at thrombolysis start using Riksstroke's NIHSS form																		
Is the NIHSS assessment complete																		
Is the NIHSS assessment complete based on																		
Riksstroke's NIHSS form																		
NIHSS 24 hours after thrombolysis																		
NIHSS 24 hours after thrombolysis (using																		
Riksstroke's NIHSS form																		
Is the NIHSS 24 hours after thrombolysis																		
assessment complete																		
Is the NIHSS 24 hours after thrombolysis																		
assessment complete based on Riksstroke's																		
NIHSS form																		
Complete symptom regression after thrombolysis within 24 hours of onset																		
Date of thrombolysis therapy																		
Time of thrombolysis therapy																		
Thrombolysis performed ON behalf of another																		
hospital																		
Hospital that performed the thrombolysis																		

Thrombectomy

Year	1994-1997	1998-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Thrombectomy or other catheter-based																		
(endovascular) treatment for stroke																		
Notable improvement after thrombectomy																		
Complete symptom regression after thrombolysis																		
or other catheter-based (endovascular) therapy																		
within 24 hours of onset?																		
Cerebral haemorrhage with clinical deterioration																		
<36 hrs after start of treatment																		
NIHSS prior to thrombectomy																		
NIHSS at start of thrombectomy - using																		
Riksstroke's NIHSS form																		
Is the NIHSS assessment complete																		
Is the NIHSS assessment complete based on																		
Riksstroke's NIHSS form																		
NIHSS 24 hours after thrombectomy																		
NIHSS 24 hours after thrombectomy using																		
Riksstroke's NIHSS form																		
Is the NIHSS assessment complete																		
Is the NIHSS assessment up to 24 points complete																		
based on Riksstroke's NIHSS form																		
Date of thrombectomy																		
Time of thrombectomy																		
Thrombectomy performed on behalf of another																		
hospital																		
Hospital that performed the thrombectomy																		

Hemicraniectomy

Year	1994-1997	1998-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Hemicraniectomy for stroke																		
Date of hemicraniectomy																		
Time of hemicraniectomy																		
Hospital that performed the hemicraniectomy																		

Information

Year	1994-1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0	5.0		6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Information about smoking																				
Information about driving vehicles																				
Suitability as driver																				

Rehabilitation

Year	1994-1997	1998-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Examined by physiotherapist																		
Received physiotherapy																		
Has patient in need of physiotherapy who																		
received care on a non-weekday received																		
physiotherapy?																		
Examined by occupational therapist																		
Received occupational therapy																		
Has patient in need of occupational therapy																		
who received care on a non-weekday																		
received occupational therapy?																		

Health care chain

Year	1994-1995	1996-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2004	2015	2016
version	1.0	2.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
A Date of onset																		
Time of onset																		
Certainty of time of onset																		
Time in hours from onset to arrival at hospital																		
Woke up with symptoms																		
Arrived by ambulance																		
Priority level 1 during transport to hospital by ambulance																		
A: Date of arrival																		
Time of arrival																		
Initially admitted to another hospital at the time of this stroke episode																		
Date of arrival at stroke unit																		
Time of arrival at stroke unit																		
First admitted to																		
First clinical department																		
Continued care during the acute phase																		
Subsequent clinical department																		
A Date of discharge																		
Number of days at the stroke unit																		

After discharge (following A Acute management) the patient is moved to

Year	1994-1995	1996-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0	2.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
After acute care the patient is discharged to																		
Planned rehabilitation after discharge from																		
acute care																		
A Address and phone number of the place																		
to which the patient is moved after																		
discharge																		
B Date of admission																		
B Date of discharge																		

After discharge (following B Aftercare) the patient is moved to

Year	1994-1995	1996-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0	2.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
When aftercare is complete the patient is																		
discharged to																		
Planned rehabilitation after discharge from																		
aftercare																		
B Address and phone number of the place to																		
which the patient is moved following																		
aftercare																		

Complications during hospital care

Year	1994-1995	1996-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0	2.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Deep venous thrombosis/ pulmonary embolism																		
Fracture																		
Pneumonia																		

Follow-up of stroke patients

Year	1994-1995	1996-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0	2.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Has a follow-up visit been scheduled																		
General planning of care																		

CVS diagnosis

Year	1994-1997	1998-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0-3.0	4.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
CVS diagnosis																		
TIA diagnosis																		

Deceased

Year	1994-1995	1996-2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
version	1.0	2.0-5.0	6.0			7.0			8.0		9.0	10.0	11.0	12.0	13.0	14.a	15.b	16.a
Date deceased																		
Postmortem performed																		