Proforma for Assessment of Stroke Patient Load from Hospitals/Scan Centres/GPs

Hospi	ital/Scan Centre/Clinic Nan	ne:	
Addr	ess:		
Corp	oration Ward Number:		
Conta	act Phone Numbers/E mails	_	
Name	of the Doctor In-Charge:		
<u>Servi</u>	ces Information:		
1.	Do you see stroke patients i	in your hospital/scan centre/clinic?	Yes No
		physician available or on call? e following diagnostics?	
a). Ml b). CT		No No	
4.	To which Departments in y	our hospital Stroke patients come?	
<u>Patie</u>	nt load Information		
1.	How many stroke patients of	do you see in your hospital/scan centre	e in a week?
2.	How many stroke patients a	are admitted in your hospital in a weel	k?
3.	How many stroke patients a	are discharged every week from your	hospital ?
4.	How many stroke patients a	are treated in the OPDs every week?	
Name	of the Interviewer	Date:	

Risk factors definitions:

Diabetes Mellitus: Previous diagnosis of diabetes mellitus or on treatment or fasting plasma glucose ≥126 mg/dL or single value ≥200 mg/dl [17].

Hypertension: Systolic BP \geq 140 mmHg, diastolic BP \geq 90 mmHg or currently under treatment for BP. Patient has diagnosed or self reported raised blood pressure, or uses antihypertensive drugs [18].

Hyperlipidemia: Patient having previous diagnosis or receiving lipid lowering drugs, or total cholesterol ≥240 mg/dL or low density lipoprotein ≥160 mg/dl [19].

Atrial Fibrillation (AF): Lone atrial fibrillation (LAF) – presence of AF in the absence of clinical or echocardiographic findings of other cardiovascular disease (including hypertension), related pulmonary disease, or cardiac abnormalities such as enlargement of the left atrium, and age under 60 years [20].

Non valvular AF – Presence of AF without rheumatic mitral valve disease, a prosthetic heart valve, or mitral valve repair [20].

Secondary AF - Occurs in the setting of a primary condition which may be the cause of the AF, such as acute myocardial infarction, cardiac surgery, pericarditis, myocarditis, hyperthyroidism, pulmonary embolism, pneumonia, or other acute pulmonary disease [20].

Has atrial fibrillation in ECG prior to stroke (records seen) or during hospitalization.

Carotid stenosis: Carotid duplex scan evidence of mild (0-29%), moderate (30% to 69%) and severe stenosis (70% to 99%) or previous history/evidence of carotid stenosis [21].

Previous history of TIA: Past history of a focal (or at times global) neurological impairment of sudden onset, and lasting <24 hours.

Rheumatic heart disease (RHD): Chronic heart condition due to heart damage from rheumatic fever. Previously diagnosed/treated for RHD or new diagnosis based on echocardiogram.

Coronary heart disease: Previous history/treatment of stable angina, unstable angina, myocardial infarction, CABG, angioplasty or new angina/myocardial infarction diagnosed by ECG/Echocardiogram [22].

Tobacco current use and past use: Patient is a current tobacco user (smoking and other forms of tobacco), or was a recent tobacco user but stopped less than 3 months before acute stroke event.

Questionnaire 1: Hospitals and OPD Patients Subject Identification Number Date of registration d d m m y y y y Source of data: Public Hospital (1) Private Hospital (2) General Practitioner (3) Others (4) Referral hospital (5) Name of centre: **Patient individual details** Patient's Full Name/Initials Use CAPITALS, include all names Contact phone number Postal address [**Demographic characteristics of patient MONTH** Date of birth, **DAY YEAR** If date of birth unknown, enter AGE in years Sex [select one] Male (1) Female (2) Marital status [select one] Married (1) Never married (2) Divorced/separated (3) Widow (er) (4) Religion [select one] Sikh (1) Hindu (2) Muslim (3) Jain (4) Christian (5) Others (6) Resident of Ludhiana: Yes (1) No (2)

Duration of residence (in months):

Education: What is the highest le	evel of education	n the pe	rson has completed? /	Select one]	
No schooling Primary school completed Secondary school completed College/university completed Unknown		(0) (2) (4)	Less than primary sch High school complete Professional School Post graduate degree	(1) (3) (5) (7)	
Occupation: Which of the following	ng hest describe	s the m	ain work status of the	nerson over the	last 12 months?
[Select one] Government employe Business Housewife Unemployed Unknown			overnment employee t l ed	(2) (4) (6) (8) (10)	last 12 months?
Information on acut	e stroke event				
,, ,	oms onset, or fi	rst notic	ced on) (DD/MM/YY	YY)	
Presenting symptom	<u>18</u>				
Which side of the boo	dy was affected	? [Selec	t one]		
Left (1)	Right (2) Both	ı (3) No	(4) Insufficient data (9)	
Limb weakness:	Yes (1)	No (2)	Insufficient da	ata (9)	
Loss of sensation:	Yes (1)	No (2)	Insufficient da	ata (9)	
Aphasia / Dysphasia:	Yes (1)	No (2)	Insufficient da	nta (9)	
Double vision:	Yes (1)	No (2)	Insufficient da	nta (9)	
Unsteady gait:	Yes (1)	No (2)	Insufficient da	nta (9)	

Dizziness:	Yes (1)	No (2)	Insufficient data (9)	
Headache:	Yes (1)	No (2)	Insufficient data (9)	
Dysarthria:	Yes (1)	No (2)	Insufficient data (9)	
Seizures:	Yes (1)	No (2)	Insufficient data (9)	
Loss of consciousness	s Yes (1)	No (2)	Insufficient data (9)	
Facial weakness	Yes (1)	No (2)	Insufficient data (9)	
Deviation of mouth	Yes (1)	No (2)	Insufficient data (9)	
What type of stroke was diagnosed?[Select one] Ischemic stroke (1) Subarachnoid hemorrhage (3) Transient Ischemic Attack (5) Unspecified type (6) How was the diagnosis of stroke type verified?[Select one]				
Vascular risk factor	<u>s</u>		r scan (3) MRI,CT Scan (4) he patient known to have? Yes	(1), No (2),
Atrial fibrillation		Tob	acco (Current Use)	
Diabetes mellitus		Tob	acco (Past)	
Hypertension		Нур	perlipidemia	
Carotid stenosis		Alco	ohol (Current use)	
Previous TIA		Alco	ohol (Past)	
Rheumatic Heart Disc	ease	Pres	gnancy/Postpartum	
Coronary artery disea	ise		ro Infection	

Drug addiction

Outcome:	Discharge (1) Death (2) LAMA (3)	
If alive at disc	charge, modified Rankin scale (mRS) (select one)	
2 - Slight disa 3 -Moderate d	icant disability despite symptoms ability disability, but able to walk without assistance disability and unable to walk without assistance	

Name and Signature:

Questionnaire 2 : Follow up at 28 days after stroke onset

Patient's Full Name/Initials Use CAPITALS, include all nationals	[mes]
Contact phone number	[]
Postal address []
Date of registration			
Source of data:	Public Hospital (1) Scan Centre (3) Others (5)	Private Hospital (2) General Practitioner (4) Referral hospital (6)	
Name of centre: Assessment	outers (5)	Referral nospital (0)	
Was it possible to follow up the	e patient at day 28?	Yes (1) No, no contact (2) No, patient refused (3)	
If patient was followed up, ind What is the vital status at day 2		Patient alive (1) Patient dead (2) Unknown (9)	
If patient dead at day 28 indica If the patient alive at day 28, w		tion of the patient at day 28? Home (1) Community facility (2) Still in hospital (3)	
If patient alive at day 28, modi 0 - No symptoms at all 1 - No significant disability des 2 - Slight disability 3 - Moderate disability, but able 4 - Moderate disability and una 5 - Severe disability 6 - Death	spite symptoms e to walk without assi	istance	

Name and Signature:

Questionnaire 3: Stroke patients from scan centres

Subject Identification Number										
Name of the Scan centre with Phone number: Name of the referring Physician / Neurologist/Hospital										
Patient individual details										
Patient's Full Name/Initials Use CAPITALS, include all names Contact phone number Include area codes Postal address [
Resident of Ludhiana: Yes Duration of residence (in months)	(1) No	(2)								
Demographic characteristics of	patien	<u>t</u>								
Date of birth, DAY	MO	NTH				YEA	R			
If date of birth unknown, enter A	GE in y	ears								
Sex [select one] Male (1) F	emale ((2)								
Information on acute stroke eve	<u>nt</u>						•			
Date of stroke		d	d	m	m		y	y	y	
First ever stroke:1-Yes, 2-No										
What type of stroke was diagno Ischemic stroke (1) Subarachnoid hemorrhage (3) Transient Ischemic Attack (5) How was the diagnosis of stroke Clinical diagnosis alone (1) MR	Intr Cer Un:	racerebral V rebral V specified	ral hem enous ded type	Thromb (6) et one]	oosis (4					
Name and signature										

Questionnaire 4: Deaths registered with Municipal authorities

Individual details

Full Name [
Use CAPITALS, include all names	
Contact phone number	
Include area codes	
Contact address	
Age:	
(completed years)	
Caralana	M-1- (1)
Gender:	Male (1)
	Female (2)
Subject identification number:	
Subject identification number.	
Date of registration	
	d d m m y y y
Duration of residence in months:	
Duration of residence in months.	
Date of death:	
d	d m m y y y
Cause of death (as mentioned in t	he death certificate Form 4 or 4A):
Antecedant cause of death	
Associated conditions at death	
ICD 10 coding	
Disco of deaths Hamital (1)	Home (2) Others (2)
Place of death: Hospital (1)	Home (2) Others (3)
Name of the Hospital:	
rame of the Hospital.	
Name and signature	

Questionnaire 5 : VERBAL AUTOPSY FORM

1. Name	:			
2. Age	:			
3. Sex	÷			
4. Address	÷			
5. Date of death	:			
6. Date of verbal autopsy	:			
7. Occupation of deceased	:			
8. Informant's Name	:			
9. Relation to the dead	:			
1) Mother 2) Father	3) Son	4) Daughter 5) Oth	ners	
10. Was the informant prese	nt at time of de	eath of the person? 1.	Yes 2. No	
11. Did the informant live w	ith the decease	d?	1. Yes	2. No
12. Where did the death occ	ur? 1. Ho	spital 2. Home 3. E	lsewhere	
13. Details of Death and the	events before	the death:		
14. Was there a history of ri	sk factors?	Hypertension	1. Yes 2. No	
		Diabetes Milletus	1. Yes 2. No	
		Smoking	1. Yes 2. No	
		Heart disease	1. Yes 2. No	
		Alcohol Consumption	n 1. Yes 2. No	
		Hyperlipidemia	1. Yes 2. No	

15. Detailed verbal autopsy of cause of death (details of previous illness, treatment and

the events leading to death?

•	Was the deceased ill prior to death?	Yes/No
•	Did s/he have weakness on one side of the body prior to death	Yes/No
•	Did that weakness develop suddenly?	Yes/No
•	Did it last more than 24 hours?	Yes/No
•	Was it a sudden death?	Yes/No
•	Was there a history of severe headache just prior to death?	Yes/No
•	How many days was the patient ill before death?	Yes/No
•	Was the patient seen by a medical or health professional?	Yes/No
•	Was the patient admitted to hospital or a clinic?	Yes/No
•	How many nights?	

16. What is the presumed cause of death?

Name of the Investigator completing the form:

Questionnaire for the Municipal Corporation Deaths

Name of the patientAge	
Gender	
Phone no	
Address	
1. Did the deceased have weakness on one side of body? Yes/N	o
2. Did the weakness develop suddenly?	Yes/No
3. Did the weakness last more than 24 hours?	Yes/No
4. Was the patient unable to speak prior to death?	Yes/No
5. Did the patient have a deviation of mouth?	Yes/No
6. Did the patient suffer loss of consciousness prior to death?	Yes/No
7.Did the patient suffer severe headache just prior to death?	Yes/No