

Anuradhapura Snakebite Cohort - data collection sheet

Study ID of the pt:

(Tick "✓" the appropriate space only if the data present)

<p>1. Patient's Name :</p> <p>5. Address:</p> <p>6. Occupation:</p> <p>7. GS Division:</p> <p>9. Contact no (if any): (a) , (b) , (c)</p> <p>10. Highest educational level: < O/L () O/L () A/L () HE ()</p> <p>11. Involvement in farming: Full time () Part time () No inv ()</p> <p>12. Number of dependents:</p>	<p>2. BHT:</p> <p>3. Age:</p> <p>4. Sex:</p> <p>13. Weight:: kg</p> <p>14. Height: m</p> <p>8. Div. Secretary:</p>	A
<p>1. Date:</p> <p>4. Activity:</p> <p>6. Transport to primary care: Mode:</p> <p>8. Snake seen : yes () no ()</p> <p>10. Intentional delays for treatment seeking: yes () no ()</p> <p>12. Reasons: a. Native treatment: () c. snake capturing ()</p>		B
<p>2. Time: AM/PM</p> <p>5. Alcohol influence: ()</p> <p>7. Distance: km</p> <p>9. Delay in finding transport: mins</p> <p>11. duration: mins</p> <p>b. Waited for symptoms: ()</p> <p>d. Waited for someone to accompany to hospital ()</p>		Snake bite
<p>1. Patient sure of the snakebite : Yes () No ()</p> <p>Write the complaint in his own words (sinhala)</p> <p>3. Fang marks: 1 () 2 () 3 () 4 () several marks in U shape ()</p> <p>4. Provoked bite ()</p> <p>5: Snake was seen while bite occur: () 6: ID by patient:</p> <p>7: Specimen brought to hospital () 8. Available on admission to THA ()</p> <p>9. Snake ID by MO/ CRA: 10. Snake ID by AS:</p> <p>11. EIA diagnosis:</p>	<p>2. Site of bite: <i>(draw, indicating fang marks)</i></p>	C
<p>1. Tourniquet : Yes () No () 2. Pressure bandage: Yes () No ()</p> <p>3. Time since bite when applied: min 4. Width: cm 5. Applied duration: min</p> <p>6. Ca(OH)₂: () 7. Incision: () 8. Lemon: () 9. Smashed onion: ()</p> <p>10: Oral sucking : () 11. Washing of bite site () 12. Soap: () 13: Splinting ()</p> <p>14: Paracetamol () 15. Other pain relievers (specify) :</p> <p>16: Native/ Ayurveda treatment : Yes () No: () 17: herbal decoctions (nasna): ()</p> <p>18. Snake stone () 19. Other interventions of native/ Ayurveda :</p>		D
<p>6. Ca(OH)₂: () 7. Incision: () 8. Lemon: () 9. Smashed onion: ()</p> <p>10: Oral sucking : () 11. Washing of bite site () 12. Soap: () 13: Splinting ()</p> <p>14: Paracetamol () 15. Other pain relievers (specify) :</p> <p>16: Native/ Ayurveda treatment : Yes () No: () 17: herbal decoctions (nasna): ()</p> <p>18. Snake stone () 19. Other interventions of native/ Ayurveda :</p>		Pre-admission
<p>1. Admission type: Direct: () Transferred ()</p> <p>2. Primary care: a. DOA: b. TOA: am/pm c. Reason for Tx:</p> <p>3. Secondary care: a. DOA: b. TOA: am/pm c. Reason for Tx:</p> <p>4. TH Anuradhapura a. DOA: b. TOA: am/pm</p>		E
<p>1. Blood samples: Admission (), T1 (), T4 (), T8 (), T12 (), T24 (), T48 ()</p> <p>T72 (), T96 (), T120 ()</p> <p>2. sfEMG</p>		Samples
<p>1. Admission type: Direct: () Transferred ()</p> <p>2. Primary care: a. DOA: b. TOA: am/pm c. Reason for Tx:</p> <p>3. Secondary care: a. DOA: b. TOA: am/pm c. Reason for Tx:</p> <p>4. TH Anuradhapura a. DOA: b. TOA: am/pm</p>		Hospitals

1. Diabetes Mellitus ()	2. CKD ()	3. Hypertension ()	4. Alcoholic liver disease ()	F Past Med
4. Snakebite ()	a. species:	b. Year:	c. Hospitalized days:	
5. Agrochemical poisoning ()	a. species:	b. Year:	c. Hospitalized days:	
6. Seizure disorders ()	7. Other (specify)			

H: Investigations

	Dt	tm	Result	Dt	tm	Result	Dt	tm	Result	Dt	tm	Result
1. RBC												
2. WBC												
3. Platelets												
4. Hb												
5. WBCT20												
6. CT (lab)												
7. PT												
8. INR												
9. APTT												
10. U RBC												
11. U Prtn												
12. Sr Crtn												
13. BUN												
14. SGPT												
15. SGOT												
16. pH												
17. Na ⁺												
18. K ⁺												
19. CPK												

19. ECG/USS abd/Blood picture

I. AVS								
Cycle	No of vials	Infusion rate	Time started	Time finished	Brand and Bt/N	Pre med (<i>indicate the dose</i>)		
1					B / V	Adr	HCZ	CPM
2					B / V	Adr	HCZ	CPM
3					B / V	Adr	HCZ	CPM
4					B / V	Adr	HCZ	CPM

J: Adverse reactions								
	Cycle	Brown grading*	Time of appearance	Time of disappearance	Adrenaline	IV HCZ	IV CPM	Other (specify)
1	1							
2	2							
3	3							
4	4							

*Brown grading:

Grade 1 (mild: **skin and subcutaneous tissue only**) : Generalized erythema, urticaria, periorbital oedema or angioedema

Grade 2 (moderate: features suggestive of **respiratory, CVS or GI involvement**): Dyspnoea, stridor, wheeze, nausea, vomiting, dizziness, diaphoresis chest or throat tightness, abdominal pain.

Grade 3 (Severe: hypoxia, hypotension or neurologic compromise): Cyanosis or SpO₂ =<92% any stage, SBP <90mmHg, confusion, collapse, LOC, incontinence.

K. Other Management									
Empirical Antibiotics									
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6			
IV crystalloids									
Oral									
Cryoprecipitate									
FFP									
Intubation	Date	Time	Indications:						
Extubation	Date	Time							
Complications with Ventilation:									
Dialysis		HD	PD	Number of cycles		Complications:			
ICU care		Duration	d						
Fasciotomy			Wound toilet						
Wound infections									
Amputations									

1. Patient Status (outcome): Discharged alive/Death/transferred /LAMA/Missing
2. Status Date & time
3. If the patient dies, Cause of death according to post mortem
4. If patient transferred, Reason for transfer and hospital:


Data collected by:

Date:

Review date

L

Status

Date & time							
Time point from bite (T)		Onset time	Resol. time	TA	T1	T4	T8
1. Neuro-muscular paralysis							
1.1.							
	Ptosis 0/I/II/III						
1.2.	Diplopia with primary gaze						
1.3.	Diplopia with up-down gaze (+/-)						
1.4.	Diplopia with medial-lateral gaze (+/-)						
1.5.	Eye movements (mark X for directions to which eye movements are weak)						
1.6.	Blurred vision +/-						
1.7.	Pupil reaction (N-normal / D-fixed dilated)						
1.8.	Bulbar weakness (Cough reflex) +/-						
1.9.	Ability to swallow saliva +/-						
1.10.	Inability to talk (dysarthria) +/-						
1.11.	Voice changes (High pitch/Low pitch /Absent)						
1.12.	Palatal weakness (raising of the arches)+/-						
1.13.	Neck flexion grade (1-5)						
1.14.	Neck extension grade (1-5)						
1.15.	Upper limb tone (Normal/High/Low)						
1.16.	Lower limb tone (Normal/High/Low)						
1.17.	Biceps power (1-5)						
1.18.	Quadriceps power (1-5)						
1.19.	Biceps jerk (Exaggerated/Diminished/Normal)						
1.20.	Knee jerk (Exaggerated/Diminished/Normal)						
1.21.	Peak Expiratory Flow rate						
1.22.	Tidal volume						
	Time point	Onset	Resol.	TA	T1	T4	T8
2. Autonomic features							
2.1.	Excessive sweating +/-						
2.2.	Tearing +/-						
2.3.	Chemosis +/-						
2.4.	Paralytic ileus (auscultate for bowel sounds) +/-						
2.5.	Dairrhoea +/-						
2.6.	Pulse rate						
2.7.	BP (lying)						
2.8.	BP (Sitting)						
2.9.	Urinary incontinence +/-						
2.10.	Fecal incontinence +/-						
3. Miscellaneous							
3.1	Paraesthesia / Numbness in the site of bite +/-						
3.2	Reduced hearing (acc. Pt.) +/-						

3.3	Facial muscle fasciculations +/-						
4.	Myotoxicity						
4.1	Muscle pain in bitten limb +/-						
4.2	Tender muscles in bitten limb +/-						
4.3	Generalized muscle pain +/-						
4.4	Generalized muscle tenderness +/-						
5.	Central effects						
3.1	GCS						
3.2	Unilateral weakness (L/R)						
3.3	Quadriplegia						

Muscle power grading: No muscle contraction is visible – **0**; Muscle contraction is visible but there is no movement of the joint-**1**; Active joint movement is possible with gravity eliminated – **3**; The muscle group can overcome gravity and move against some resistance from the examiner -**4** ; Full and normal power against resistance - **5**.