



## Supplementary

### Seroprevalence and Clinical Features of Scrub Typhus among Febrile Patients Attending a Referral Hospital in Kathmandu, Nepal

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#### Questionnaire

" Seroprevalence and Clinical Features of Scrub Typhus in Febrile Patients Attending Sukraraj Tropical and Infectious Disease Hospital"

#### Questionnaire

Date .....

Name of patient .....

Lab ID .....

Age .....

Gender

Male ☐ Female ☐

Address .....

Patient Type:

OPD ☐ Inpatient ☐

Prior Treatment with Antibiotics:

Yes ☐ No ☐

If Yes, Name of Antibiotics and Duration of Dose .....

Travel History

Yes ☐ No ☐

If Yes, Name of travelled place .....

Symptomatology:

Fever, If present, Days of fever .....

Headache

Eschar

Rash

Sweating



Redness in the Eye  
Breathing Difficulty  
Diarrhoea  
Tinnitus  
Lymphadenopathy  
Hepatomegaly  
Splenomegaly  
Complication, if present, mention.....

**Table S1.** Reference range for biochemical and hematological parameters.

Test	Reference Range *	Unit
TLC	4000-11000	cells/cumm
Platelet	150-400	×1000/cumm
Bilirubin Total	0.3-0.4	mg/dl
Bilirubin Direct	0.0-0.4	mg%
Alkaline phosphatase	M: 53-128, F: 42-98, C: 54-369	U/L
SGPT	Upto 42	U/L
SGOT	Upto 37	U/L
Creatinine	0.4-1.4	mg%

\*As defined by Sukraraj tropical and infectious disease hospital, TLC: Total Leucocyte Count; cumm: cubicmilimeter; mg: milligram; dl: decilitre; L: Litre; SGPT: Serum Glutamic Pyruvic Transaminase; SGOT: Serum glutamic oxaloacetic transaminase; M: male; F: Female; C: children

**Table S2.** List of travelled places by ST patients.

Name of Place/District Travelled	Number of Patients (% of total scrub typhus patients)
Chitwan	4 (2.6)
Gulmi	2 (1.3)
Sindhupalchock	2 (1.3)
Bardiya	1 (0.6)
Dhading	1 (0.6)
Dhangadi	1 (0.6)
Gorkha	1 (0.6)
Makawanpur	1 (0.6)
Kabhre	1 (0.6)
Rautahat	1 (0.6)
Sarlahi	1 (0.6)
Sindhuli	1 (0.6)
Udayapur	1 (0.6)
Forest exposure	1 (0.6)
Recently returned from India	1 (0.6)



**Table S3:** List of antibiotics used by ST patients prior to hospital visit

Name of Antibiotics	Number of Patients (%)
Against typhoid	12 (12.6)
Cefixime	5 (5.1)
Against UTI	2 (2.1)
Azithromycin	2 (2.1)
Ceftriaxone	1 (1.1)
Cefpodoxime	1 (1.1)
Cloxacillin	1 (1.1)
Meprazole	1 (1.1)
Norfloxacin	1 (1.1)
Montaz (Ceftriaxone + Tazobactam)	1 (1.1)
Used but unable to identify neither antibiotic nor disease	68 (71.5)

UTI: Urinary tract infection