# Traditional medicine practitioners' snakebite case management in Plateau State, north-central Nigeria

Submission date	Recruitment status	Prospectively registered
21/03/2020	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
12/04/2020	Completed	Results
Last Edited	Condition category	Individual participant data
09/04/2020	Injury, Occupational Diseases, Poisoning	☐ Record updated in last year

#### Plain English summary of protocol

Background and study aims

Snakebite is a medical problem of public health importance and recognized as one of the Neglected Tropical Diseases (NTDs) by the World Health Organization. Snakebite morbidity is high in Sub-Saharan Africa and mortality usually result from envenoming culminating in higher deaths in poor rural farming and pastoral communities. Snakebite victims, especially in rural communities, often seek for alternative treatment from traditional medicine practitioners and in some communities, 50 -90% of snakebite patients visit traditional Medicine Practitioners or use traditional remedy first before visiting a health facility for treatment.

Aim: to evaluate the snakebite case management practices through self-reporting of case management by traditional medicine practitioners.

#### Who can participate?

Adult traditional medicine practitioners registered as members of the National Association of Nigerian Traditional Medicine Practitioners in Plateau State, Nigeria.

#### What does the study involve?

Interviewer-administered questionnaire collecting information on how the last snakebite case was managed by the traditional medicine practitioners who are members of the National Association of Nigerian Traditional Medicine Practitioners (NANTMP) in Plateau State.

#### What are the possible benefits and risks of participating?

There is no increased risk in participating in the study other than the usual risk seen in health professional-client communication relationship. The traditional medicine practitioners stand to gain from the study because the study finding will be used for advocacy to the government to address gap in traditional medicine snakebite case management, improve support and collaboration for snakebite case management in this province.

Where is the study run from?

- 1. Jos-North LGA, Plateau North Senatorial Zone (Nigeria)
- 2. Kanke LGA, Plateau Central Senatorial Zone (Nigeria)
- 3. Langtang-North LGA, Plateau South Senatorial Zone (Nigeria)

When is the study starting and how long is it expected to run for? March 2020 to June 2020

Who is funding the study?

African Centre of Excellence in Phytomedicine Research and Development, University of Jos (Nigeria)

Who is the main contact? Prof. Aboi JK Madaki wankarani62@gmail.com

#### Contact information

#### Type(s)

Scientific

#### Contact name

Prof Aboi JK Madaki

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### Additional identifiers

Clinical Trials Information System (CTIS)

Nil known

ClinicalTrials.gov (NCT)

Nil known

Protocol serial number

ACEPRD/WB/003

# Study information

Scientific Title

Self-reported snakebite case management practices of traditional medicine practitioners in Plateau State, north-central Nigeria

#### Acronym

TMP-Snakebite

#### **Study objectives**

Pattern of snakebite case management practices of traditional medicine practitioners in Plateau State may reveal gaps that can be tackled to improve snakebite case management outcomes

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Approved 22/01/2020, Jos University Teaching Hospital Institutional Research Ethics Committee (PMB 2076; Jos, Plateau State, Nigeria, 930241; +234 9030001194; info@juth.org.ng), ref: JUTH /DCS/IREC/127/XXX/2151

#### Study design

Observational cross-sectional community-based study

#### Primary study design

Observational

#### Study type(s)

Other

#### Health condition(s) or problem(s) studied

Snakebite

#### **Interventions**

This is a cross-sectional study in which there will be a single encounter with the Traditional Medicine Practitioner (TMP). A pilot-tested questionnaire will be used to record information on Self-reporting of Snakebite case management practice of the interviewee focusing on the last case of snakebite managed. Information will also be collected on selected communicable and non-communicable diseases that the Traditional Medicine Practitioners also provide treatment for. The interview session will last on average of 30 minutes and that will be end of the TMP's participation in the study.

#### Intervention Type

Other

#### Primary outcome(s)

The information collected from Traditional Medicine Practitioner's interview will be reviewed to ascertain the following:

- 1. How envenoming was established
- 2. Type and nature of medication administered
- 3. Duration of treatment
- 4. Use and nature of infection control deployed
- 5. Treatment cost and mode of payment
- 6. Type of first aid recommended

- 7. Use of high-risk snakebite treatment practices
- 8. Willingness to be trained and expected training cost fee
- 9. Type of government-anticipated assistance
- 10. Nature of challenges working with other traditional medicine practitioners

#### Key secondary outcome(s))

None

#### Completion date

02/06/2020

# **Eligibility**

#### Key inclusion criteria

- 1. Traditional medicine practitioners registered as members of the National Association of Nigerian Traditional Medicine Practitioners in Plateau State, Nigeria
- 2. Aged 18 years or above

#### Participant type(s)

Health professional

#### Healthy volunteers allowed

No

#### Age group

Adult

#### Lower age limit

18 years

#### Sex

All

#### Key exclusion criteria

- 1. Traditional medicine practitioners that did not grant consent
- 2. Traditional medicine practitioners that travel of the state during the study period
- 3. Traditional medicine practitioners who are severely ill or on admission

#### Date of first enrolment

20/03/2020

#### Date of final enrolment

02/06/2020

#### Locations

#### Countries of recruitment

Nigeria

#### Study participating centre Jos-North LGA

Jos-North Ward Plateau State Jos Nigeria 93001

# Study participating centre Kanke LGA

Plateau Central Senatorial Zone Kwal Nigeria 93001

#### Study participating centre Langtang-North LGA

Plateau South Senatorial Zone Langtang Nigeria 93001

# Sponsor information

#### Organisation

University of Jos

#### **ROR**

https://ror.org/009kx9832

# Funder(s)

#### Funder type

University/education

#### Funder Name

African Centre of Excellence in Phytomedicine Research and Development, University of Jos

# **Results and Publications**

#### Individual participant data (IPD) sharing plan

The current data sharing plans for this study are unknown and will be available at a later date.

#### IPD sharing plan summary

Data sharing statement to be made available at a later date

#### **Study outputs**

Output type Details Date created Date added Peer reviewed? Patient-facing?

Participant information sheet Participant information sheet 11/11/2025 11/11/2025 No Yes