

## **Case-Control Study Questionnaire for the Investigation of Guillain-Barré Syndrome in Relation to Arboviral Infections**

Study ID Number BR- \_\_\_\_ - \_\_\_\_  Case  Control

*The ID number begins with the 2 digit case number (for example BR01) followed by an "A" for the case patient, a "B" for the first control, a "C" for the second control, and a "D" for the third control. For example, the second control subject matched for case number 8 would be labeled "BR-08-C."*

Interviewer: \_\_\_\_\_ Date of Interview: \_\_\_\_/\_\_\_\_/\_\_\_\_  
DD MM YYYY

Neuro Symptom Onset Date for Case \_\_\_\_/\_\_\_\_/\_\_\_\_  
DD MM YYYY

**The following questions are to be asked of cases AND controls during the interview:**

1. Current Address: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(Street) (Town) (Province) (District)

2. Onset Address: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(for cases only if different from above; where cases spent most nights in the 2 months prior to neuro onset)

3. GPS Coordinates (Onset for cases; current for controls): \_\_\_\_\_. \_\_\_\_\_ S, \_\_\_\_\_. \_\_\_\_\_ E

4. Sex:  Male  Female

5. Race:  White  Hispanic  Indigenous  Black/African decent  Other: \_\_\_\_\_

6. Age when cases developed first neuro symptoms (or equivalent date for controls): \_\_\_\_\_ Years

7. What is your occupation? \_\_\_\_\_

8. Have you been told by a clinician that you have any of the following medical conditions?

Diabetes  High blood pressure  Heart disease  High cholesterol

Stroke  Kidney disease  Liver disease

Rheumatologic disease

Asthma  COPD  Cancer  Surgery (within 2 months of symptom onset)

Other neurologic illness: \_\_\_\_\_

Take any medication or have any condition that might impact your ability to fight infections (e.g. prednisone):  
\_\_\_\_\_

9. a. In the 2 months prior to \_\_\_\_/\_\_\_\_/2015 (neuro onset date for case), have YOU been sick at all?

Yes  No  Unknown

b. If so, when did you first feel sick? \_\_\_\_/\_\_\_\_/\_\_\_\_

c. If so, what symptoms did you have (check all that apply)?

Fevers  Chills  Nausea or Vomiting  Diarrhea  
 Muscle pains  Joint pains  Skin rash  Abnormally red eyes  
 Headache  Pain behind eyes  Stiff neck  Confusion

Abdominal pain     Coughing     Runny nose     Sore throat     Calf pain

d. If so, did you see a doctor or go to the hospital for this illness?     Yes     No     Unknown

Which doctor? \_\_\_\_\_ Which hospital? \_\_\_\_\_

e. If so, did they draw any blood for testing?     Yes     No     Unknown

10. a. In the 2 months prior to \_\_ \_\_ / \_\_ \_\_ / \_\_\_\_ (neuro onset date for case), has anyone in your HOUSEHOLD been sick at all?     Yes     No     Unknown

b. If so, when did the first household member become sick?    \_\_ \_\_ / \_\_ \_\_ / \_\_\_\_

c. If so, what symptoms did any household members have (check all that apply)?

Fevers     Chills     Nausea or Vomiting     Diarrhea  
 Muscle pains     Joint pains     Skin rash     Abnormally red eyes  
 Headache     Pain behind eyes     Stiff neck     Confusion  
 Abdominal pain     Coughing     Runny nose     Sore throat     Calf pain

11. a. Have you received any vaccinations in 2015?     Yes     No     Unknown

b. If so, which vaccine and date?    \_\_\_\_\_    \_\_ \_\_ / \_\_ \_\_ / \_\_\_\_

Information verified on vaccine card     Information provided verbally

c. If so, which vaccine and date?    \_\_\_\_\_    \_\_ \_\_ / \_\_ \_\_ / \_\_\_\_

Information verified on vaccine card     Information provided verbally

12. In 2015, what pets, farm, or other animals have lived in your house or on your property (check all that apply)?

Dogs     Cats     Mice/rats     Pet birds     Pet lizards /turtles  
 Goats     Sheep     Cows     Chickens     Pigs     Other \_\_\_\_\_

13. In 2015, how often have you gotten your drinking water from the tap?

Almost always (>75%)     Often (25-75%)     Rarely (<25%)     Never (0%)

14. In 2015, how often have you gotten your drinking water from a well or river/stream/pond?

Almost always (>75%)     Often (25-75%)     Rarely (<25%)     Never (0%)

15. In 2015, how often do you walk around barefoot?

Almost always (>75%)     Often (25-75%)     Rarely (<25%)     Never (0%)

16. In 2015, have you swam or waded in a freshwater river, stream, or pond?

Daily     Weekly     Monthly     Rarely (<once per month)     Never

17. In 2015, do you recall being bit by a mosquito?     Yes     No     Unknown

18. In 2015, have you handled any dead animals?     Yes     No     Unknown

Which? \_\_\_\_\_

19. In 2015, have you eaten or drank any of the following foods at least once per week (check all that apply)?

- |                               |                                 |                                  |  |                                    |
|-------------------------------|---------------------------------|----------------------------------|--|------------------------------------|
| <input type="checkbox"/> Beef | <input type="checkbox"/> Lamb   | <input type="checkbox"/> Chicken | <input type="checkbox"/> Fish                          | <input type="checkbox"/> Shellfish |
| <input type="checkbox"/> Milk | <input type="checkbox"/> Cheese | <input type="checkbox"/> Yogurt  | <input type="checkbox"/> Fresh salad / uncooked greens |                                    |