



ZIKA VIRUS CASE REPORT FORMS – CHILD 0-5 YEARS FOLLOW UP VISIT(S) – (CFU)



Patient's Identification Code : _____

Introduction

This standardized Case Report Form (CRF) is the result of an ongoing effort between the World Health Organization (WHO), The Pan-American Health Organization (PAHO), Institute Pasteur (IP), and the networks of ISARIC, CONSIZE PREPARE and REACTing to generate standardized clinical and epidemiological research tools.

DESIGN OF THIS CASE REPORT FORM (CRF)

There are sets of Case Report Forms (CRFs) to be used in combination for prospective cohort studies or case control studies. These sets of CRFs are to be used at admission and at discharge/going home. For any patients admitted for more than 24 hours, the Baseline and Outcome CRF and the Laboratory Results CRF can be copied and used for daily data recording.

For all studies, we recommend completing a minimum of the **Child Baseline and Outcome (CBO)** CRF, follow by **Child Acute Symptoms (CAS)**. If the patient is admitted to a hospital or has further investigations, complete **Child Hospital Stay (CHS)** and **Child Laboratory Results (CLR)** CRFs. We recommend completing the Neonatal CRF and the Maternal Baseline and Outcome CRF to capture maternal and/or neonatal risk factors. If the patient is admitted to an Intensive Care Unit or Pediatric Intensive Care Unit, complete **Child Intensive Care (CIC)** as well. For follow up visit(s) complete **Child follow up visit(s) (CFU)**.

Complete the outcomes sections in the **CBO** CRF once all diagnostics laboratory results and final diagnosis are available.

HOW TO USE THIS CRF

When completing the CRF modules, please make sure that:

- The patient or consultee/guardian/representative has been given information about the study and the informed consent form has been completed and signed.
- The study ID codes have been assigned for the patient as per hospital protocol and guidelines.
- The study ID codes should be filled in on all pages of paper CRF forms, all information should be kept confidential at all times, and no identifiable information is recorded on the CRFs.
- Patient's hospital ID and contact details are recorded on a separate contact list to allow later follow up. The contact forms must be kept separate from the CRFs at all times and kept in a secure location.

Each site may choose which data to collect based on available resources and the number of patients enrolled to date. Ideally, data on patients will be collected using all CRF modules as appropriate.

Sites with very low resources or very high patient numbers may select **Child Baseline and Outcome (CBO)** CRF module only. The decision is up to the site Investigators and may be changed throughout the data collection period. All high quality data are valuable for analysis.

GENERAL GUIDANCE

- The CRFs are designed to collect data obtained through patient examination, for patient or parent/guardian/representative interview and review of hospital notes.
- Patient ID codes should be filled in on all pages of paper CRF forms.
- Complete every line of every section, except for where the instructions say to skip a section based on certain responses.
- Selections with square boxes (□) are single selection answers (choose one answer only). Selections with circles (○) are multiple selection answers (choose as many answers as are applicable).
- It is important to indicate when the answer to a particular question is not known. Please mark the 'Unknown' box if this is the case.
- Some sections have open areas where you can write additional information. To permit standardized data entry, please avoid writing additional information outside of these areas.
- We recommend writing clearly in black or blue ink, using BLOCK-CAPITAL LETTERS.
- Place an (X) when you choose the corresponding answer. To make corrections, strike through (---) the data you wish to delete and write the correct data above it. Please initial and date all corrections.
- Please contact us, if we can help with any CRF completion questions, if you have comments and to let us know that you are using the forms. Please contact Dr Gail Carson by email: gail.carson@ndm.ox.ac.uk



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Disclaimer: These CRFs are intended for use as a standardized document for the collection of clinical data in studies investigating the Zika virus. Responsibility for use of these CRFs rests with the study investigators. ISARIC and the authors of the CRF accept no responsibility for the use of the CRF in an amended format nor for the use of the standardized CRF outside its intended purpose. *Formatting issues are in the process of being resolved. Word documents are available in order to adapt and translate the CRFs, however, there may be issues between Macs and PCs. The PDF format is also available, which should be well formatted on both systems.*

INCLUSION CRITERIA

Define as appropriate for each study and as per latest national guidelines.

CONSENT

Ensure informed consent.

Date and time of consent (dd/mm/yyyy): ____ / ____ / 20____ Time: ____ : ____ (hours:min)
Name and role of the person taking consent : _____
Signature of person taking consent: _____

1. Geoposition	Latitude: ____ . _____	Longitude: ____ . _____
2. Name of site/clinic/hospital	_____	
If geoposition not available		
3. City/town/village:	_____	
4. Country:	_____	

1) CHILD DEMOGRAPHICS

5. Sex	<input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Uncertain
6. Date of birth (dd/mm/yyyy)	____ / ____ / 20 ____
7. Gestational age at birth	____ weeks ____ days
8. Basis of gestational age estimation at birth	<input type="checkbox"/> Last menstrual period <input type="checkbox"/> Ultrasound <input type="checkbox"/> Assisted reproduction <input type="checkbox"/> Other (specify): _____
9. Birth number	<input type="checkbox"/> Singleton <input type="checkbox"/> Twin I <input type="checkbox"/> Twin II <input type="checkbox"/> Triplet I <input type="checkbox"/> Triplet II <input type="checkbox"/> Triplet III <input type="checkbox"/> Other: _____
10. Ethnicity of baby (as per national guidelines)	_____
11. Fetal presentation at delivery	<input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other (specify): _____

NEONATE MEASUREMENTS AT BIRTH: please complete Neonatal Baseline and Outcome CRF if this has not been done yet.

MATERNAL DEMOGRAPHICS: please complete Maternal Baseline and Outcome CRF if this has not been done yet.

Note: If further demographic or epidemiology information is required please use the complementary ZIKV CRF Epidemiology and Demographics

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2) CHILD MEASUREMENTS AT FOLLOW-UP VISIT

12. Current weight	_____	grams	_____	pounds	_____	ounces
13. Current length (crown to heel)	_____	cm	_____	inches	<input type="checkbox"/> unknown	
14. Current Head circumference (occipito-frontal)	_____	cm	_____	inches	<input type="checkbox"/> unknown	
Plot metrics in growth curve as per your national guidelines and record the standard deviations above (indicated with "+") or below (indicated with "-") the mean for age and sex	15. Current weight		16. Current length		17. Current head circumference	
	_____ SD		_____ SD		_____ SD	

3) (BIRTH) ABNORMALITIES

Please complete this section in full even if no abnormalities were present

18. Fontanelle present	Anterior: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Posterior: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Bulging: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
19. Abnormal skull shape	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Oxicefalia <input type="checkbox"/> Plagiocefalia <input type="checkbox"/> Trigocefalia <input type="checkbox"/> Escafocefalia <input type="checkbox"/> Acrocefalia	

If yes, circle most appropriate depiction¹:



Oxicefalia



Plagiocefalia



Trigocefalia



Escafocefalia



Acrocefalia

¹<http://www.himfg.edu.mx/descargas/documentos/EDI/ManualdeExploracionNeurologicaparaNinosMenoresde5enelPrimerySegundoNiveldeAtencion.pdf>

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20. Sloping forehead	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, specify/describe:
21. Craniosynostosis	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, specify/describe:
22. Redundant skin on skull at birth	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, specify/describe:
23. Facial disproportion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, specify/describe:
24. Nasal abnormalities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
25. Flat nasal bridge	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
26. Anteverted nares	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
27. Other nasal abnormalities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
28. Orofacial clefts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Cleft lip <input type="checkbox"/> Cleft palate <input type="checkbox"/> Both <input type="checkbox"/> No	<input type="checkbox"/> left <input type="checkbox"/> right <input type="checkbox"/> middle <input type="checkbox"/> bilateral
29. Eye abnormalities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Anophthalmia <input type="checkbox"/> Microphthalmia	<input type="checkbox"/> Other (describe):
30. Ear abnormalities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Anotia (absent ear/s) <input type="checkbox"/> Microtia (small ear/s)	<input type="checkbox"/> Other (describe):
31. Hemangiomas	<input type="checkbox"/> Present <input type="checkbox"/> Absent	<input type="checkbox"/> Facial <input type="checkbox"/> Rest of body Number of them: _____
32. Neural tube defects	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Spina bifida <input type="checkbox"/> Meningocele <input type="checkbox"/> Anencephaly	<input type="checkbox"/> Other (describe):
33. Scoliosis	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
34. Barrel-like chest	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
35. Upper Limb abnormalities If yes, specify/describe:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Arthrogryposis <input type="checkbox"/> Yes <input type="checkbox"/> No Amyoplasia <input type="checkbox"/> Yes <input type="checkbox"/> No If yes: <input type="checkbox"/> Distal <input type="checkbox"/> Syndromic Hyperextension <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate joints: _____ _____ Contractures <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate joints: _____ _____	<input type="checkbox"/> Other (describe):

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36. Hand abnormalities If yes, specify/describe:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Clinodactyly <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Missing digits <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Extra digits <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Camptodactyly <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Nail hypoplasia/aplasia <input type="checkbox"/> Adducted thumb <input type="checkbox"/> Bilateral simian crease	<input type="checkbox"/> Other (describe):
37. Lower Limb abnormalities If yes, specify/describe:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Arthrogryposis <input type="checkbox"/> Yes <input type="checkbox"/> No Amyoplasia <input type="checkbox"/> Yes <input type="checkbox"/> No If yes: <input type="checkbox"/> Distal <input type="checkbox"/> Syndromic Hyperextension <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate joints): _____ _____ Joint dislocation/subluxation <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate joints): _____ _____ Contractures <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate joints): _____ _____	<input type="checkbox"/> Other (describe):
38. Feet abnormalities If yes, specify/describe:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Widely spaced toes <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Missing toes <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Extra toes <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Clubfoot <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral <input type="checkbox"/> Nail <input type="checkbox"/> Unilateral <input type="checkbox"/> Bilateral	<input type="checkbox"/> Other (describe):
39. Umbilical hernia	<input type="checkbox"/> Present <input type="checkbox"/> Absent	
40. Gastroschisis	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
41. Omphalocele	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
42. Any other significant abnormalities present If yes, specify/describe:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Cardiac: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Renal: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Other (describe):

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	Organomegaly (enlarged liver/spleen) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
43. Known familial genetic disorders	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, please specify:
44. Other Syndromic abnormalities identified by Physician	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, please specify:

4) OTHER TEST AND/OR EXAMINATION

Test	Result	If abnormal, please describe abnormality:
45. Fundoscopy	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Not Done	
46. Red reflex	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	
47. Cataract	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Not Done	
48. Chorioretinitis	<input type="checkbox"/> Absent <input type="checkbox"/> Present <input type="checkbox"/> Examination Not Done	
49. Hearing test	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Not Done	please specify test used:
50. Congenital heart defects	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, specify:
51. Any other significant findings	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please specify:

5) GENERAL

52. Feeding (please tick all appropriate)	<input type="radio"/> breast fed <input type="radio"/> formula fed <input type="radio"/> both <input type="radio"/> assisted (e.g. naso-gastric tube)	Please specify how many months of breastfeeding to date:
53. Does the child struggle to drink the required amount for his/her age?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, please specify:

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54. Difficulty swallowing (dysphagia)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
55. Does the child drink more than the required amount for his/her age?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, please specify:
56. Type of cry	<input type="checkbox"/> Strong normal cry <input type="checkbox"/> Not crying	<input type="checkbox"/> Weak, high-pitched or continuous cry <input type="checkbox"/> Other:

6) BASELINE OBSERVATIONS during follow-up visit

**If a neuromuscular and/or neurodevelopmental assessment is required, please complete an additional examination using the Neurodevelopmental/neuromuscular assessment tool indicated as per your hospital guidelines and protocol.*

57. Date (dd/mm/yyyy)	___ / ___ / 20 ___
General physical examination	
58. Maximum Temperature	___ . ___ °C or ___ Fahrenheit <input type="checkbox"/> Oral <input type="checkbox"/> Tympanic <input type="checkbox"/> Axillary <input type="checkbox"/> Anal <input type="checkbox"/> Skin <input type="checkbox"/> Other (specify):
59. Respiratory rate	breaths/minute <input type="checkbox"/> not done
60. Heart rate	beats/minute <input type="checkbox"/> not done
61. Capillary refill time (central)	Seconds <input type="checkbox"/> not done
62. Peripheral O₂ saturation (SpO₂)	% <input type="checkbox"/> not done
63. Cardiovascular system	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Unknown <input type="checkbox"/> Murmur <input type="checkbox"/> Other (specify) :
64. Respiratory system	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Unknown If abnormal, describe:
65. Gastrointestinal system	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Unknown <input type="checkbox"/> Jaundice <input type="checkbox"/> Abdominal tenderness <input type="checkbox"/> Hepatomegaly <input type="checkbox"/> Splenomegaly <input type="checkbox"/> Other (specify):
66. Edema	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, describe:
67. Cryptorchidism	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Not applicable
68. Type of cry (if child < 3 months of age)	<input type="checkbox"/> Strong normal cry <input type="checkbox"/> Not crying <input type="checkbox"/> Weak, high-pitched or continuous cry <input type="checkbox"/> Other:

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Neurological examination *			
69. Tonic neck reflex (if child < 3 months of age)	<input type="checkbox"/> Asymmetrical <input type="checkbox"/> Symmetrical <input type="checkbox"/> Left <input type="checkbox"/> Right <input type="checkbox"/> Absent <input type="checkbox"/> Not Done		
70. Sucking reflex (present if child < 6 months)	<input type="checkbox"/> Present <input type="checkbox"/> Absent		
71. Grasp reflex (present in children < 6 months)	Left foot <input type="checkbox"/> Present <input type="checkbox"/> Absent	Right foot <input type="checkbox"/> Present <input type="checkbox"/> Absent	
	Left hand <input type="checkbox"/> Present <input type="checkbox"/> Absent	Right hand <input type="checkbox"/> Present <input type="checkbox"/> Absent	
72. Moro reflex (if child < 5 months)	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	<input type="checkbox"/> Symmetrical <input type="checkbox"/> Asymmetrical	
73. Rooting reflex (if child < 4 months)	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done		
74. Deep tendon reflexes		Left	Right
	Biceps	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done
	Brachioradialis	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done
	Triceps	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done
	Patellar	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done
	Achilles tendon	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done	<input type="checkbox"/> Present <input type="checkbox"/> Absent <input type="checkbox"/> Not Done
75. Muscle tone	<input type="checkbox"/> Normal <input type="checkbox"/> Hypertonic <input type="checkbox"/> Hypotonic	If hypertonic, specify which limbs involved:	
76. Extremity movements	<input type="checkbox"/> Symmetrical <input type="checkbox"/> Asymmetrical <input type="checkbox"/> Unknown		
77. Seizure(s)	<input type="checkbox"/> General <input type="checkbox"/> Focal <input type="checkbox"/> No <input type="checkbox"/> Unknown	Fever-associated: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
	If seizures are present, describe: Frequency: __ times per hour <input type="checkbox"/> day <input type="checkbox"/> week <input type="checkbox"/> month Average length: __ seconds <input type="checkbox"/> minutes <input type="checkbox"/> hours <input type="checkbox"/> continuous Are seizures still ongoing at time of follow-up? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		

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	<input type="checkbox"/> Other (specify):									
78. Paralysis	<input type="checkbox"/> General <input type="checkbox"/> Ascending <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, describe:								
79. Contractures	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, describe:								
80. Babinski reflex (plantar reflex)	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Right foot</td> <td style="width: 50%; border: none;">Left foot</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Upgoing <input type="checkbox"/> Downgoing</td> <td style="border: none;"><input type="checkbox"/> Upgoing <input type="checkbox"/> Downgoing</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Equivocal</td> <td style="border: none;"><input type="checkbox"/> Equivocal</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Not Done</td> <td style="border: none;"><input type="checkbox"/> Not Done</td> </tr> </table>	Right foot	Left foot	<input type="checkbox"/> Upgoing <input type="checkbox"/> Downgoing	<input type="checkbox"/> Upgoing <input type="checkbox"/> Downgoing	<input type="checkbox"/> Equivocal	<input type="checkbox"/> Equivocal	<input type="checkbox"/> Not Done	<input type="checkbox"/> Not Done	
Right foot	Left foot									
<input type="checkbox"/> Upgoing <input type="checkbox"/> Downgoing	<input type="checkbox"/> Upgoing <input type="checkbox"/> Downgoing									
<input type="checkbox"/> Equivocal	<input type="checkbox"/> Equivocal									
<input type="checkbox"/> Not Done	<input type="checkbox"/> Not Done									
81. Other abnormal movements* e.g. writhing movements	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, describe:								

7) IMAGING (if available)

If abnormal, please describe abnormality and enclose images if possible.

Imaging	Results	If abnormal, please summarize key results from report:	Images attached	Report attached
82. Cranial ultrasound scan	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Not Done		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
83. MRI brain (record only if part of routine care)	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Not Done		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
84. CT brain (record only if part of routine care)	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal <input type="checkbox"/> Not Done		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
85. Other (specify type of test and part of body):	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Other (specify type of test and part of body):	<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

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8) MEDICATIONS

86. List medications administered regularly as prescribed by treating physician. Include antibiotics, antivirals, corticosteroids, immunoglobulin, anticonvulsants, diuretics or others.

Type of medication	Name of medication (generic name)	Dose (fluids indicate volume)	Frequency (per day)	Start date (dd/mm/yyyy)	Number of days	Route of administration
						<input type="checkbox"/> IV <input type="checkbox"/> Oral <input type="checkbox"/> Rectal <input type="checkbox"/> Other:
						<input type="checkbox"/> IV <input type="checkbox"/> Oral <input type="checkbox"/> Rectal <input type="checkbox"/> Other:
						<input type="checkbox"/> IV <input type="checkbox"/> Oral <input type="checkbox"/> Rectal <input type="checkbox"/> Other:
						<input type="checkbox"/> IV <input type="checkbox"/> Oral <input type="checkbox"/> Rectal <input type="checkbox"/> Other:
						<input type="checkbox"/> IV <input type="checkbox"/> Oral <input type="checkbox"/> Rectal <input type="checkbox"/> Other:

9) CHILD HOSPITAL ADMISSION

Fill out separately for each relevant hospital admission

87. Recent hospital admissions?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		
88. If yes, state the name of the hospital(s)			
89. City			
90. Reason of admission			
91. Date of admission (dd/mm/yyyy)	____ / ____ / 20 ____	92. Length of stay (days)	_____ days <input type="checkbox"/> Unknown
93. Diagnosis at discharge			

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94. How many times was the child admitted for this reason?	
95. Was the child admitted to intensive care? (ITU/PICU/NICU/PHDU)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
If yes, please also complete the Zika virus Case Report Form (CRF) – Child 0-5 Intensive Care module	

10) DIAGNOSTIC OUTCOMES CHILD Have any of the following diagnoses been made? Choose the appropriate case definition, e.g. WHO or national/local case definition and ensure the definition used is clear and shared with all involved in the study.

Pathogen	Diagnosis	Comment
96. No confirmed diagnosis	<input type="checkbox"/> Tick if no diagnosis made	
97. Zika virus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
98. Dengue virus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
99. Yellow fever virus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
100. West Nile virus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
101. Chikungunya virus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	

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102. Toxoplasmosis	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
103. Rubella	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
104. Cytomegalovirus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
105. Herpes Simplex virus	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative <input type="checkbox"/> Not tested <input type="checkbox"/> Unknown	
106. Other (specify):	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative	
Other (specify):	<input type="checkbox"/> Confirmed acute infection <input type="checkbox"/> Probable acute infection <input type="checkbox"/> Confirmed past infection <input type="checkbox"/> Probable past infection <input type="checkbox"/> Negative	

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14) OUTCOME AT FOLLOW-UP VISIT

107. Date of last contact (dd/mm/yyyy) : __/__/____

108. Date last seen alive (dd/mm/yyyy): __/__/____

Alive

Dead Date of death (dd/mm/yyyy): _____

109. Describe/ specified the evolution of the observations in section 8:

110. Score Neurological Examination at follow-up visit: _____ Specify: _____
Test: _____

Other neurodevelopmental test score at this follow-up visit: _____

111. Presence / absence of specific features at this follow-up visit:

Infant abnormality			
Microcephaly	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Facial disproportion	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Hearing impairments	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Visual impairments	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Dysphagia	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Calcifications - CNS imaging	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Epilepsy and seizures	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Spasticity/contractures	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Neurological reflexes	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Cerebral palsy	<input type="checkbox"/> Present	<input type="checkbox"/> Absent	
Other, specify:			

15) CASE REPORT FORM COMPLETED BY

Name and role			
Signature		Date (dd/mm/yyyy)	