





Neonate's Identification Code :	Mother'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, CONSISE PREPARE and REACTing to generate standardized clinical and epidemiological research tools.

#### **DESIGN OF THIS CASE REPORT FORM (CRF)**

There are two sets of Case Report Form (CRF) to be used - Neonate and Maternal. The CRFs are 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 Maternal Baseline and Outcome (MBO) and Neonate Baseline and Outcome (NBO) CRFs, follow by Maternal Laboratory Results (MLR) and Neonate Laboratory Results (NLR) CRFs for all neonates post-delivery. If the mother and/or neonate is admitted to an Intensive Care Unit or Pediatric Intensive Care Unit, complete Maternal Intensive Care (MIC), and/or Neonate Intensive Care (NIC) as well.

For pregnant women presenting with acute symptoms, complete **Maternal Acute Symptoms (MAS)**, and for all studies complete **Maternal Antenatal Care (MAC)**.

Complete the outcomes sections in CRFs MBO and NBO 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 mother 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 both mother/pregnant woman and neonate 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.
- Patients' 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 (neonate and mother) will be collected using all CRF modules as appropriate.

Sites with very low resources or very high patient numbers may select **Maternal and Neonatal Baseline and Outcome** CRF modules. The decision is up to the Site Investigators and may be changed throughout the data collection period. All high quality data is valuable for analysis.

#### **GENERAL GUIDANCE**

- The CRFs are designed to collect data obtained through patient examination, through parent/guardian/representative (for neonates) interview and review of hospital notes.
- Patient ID codes should be filled in on all pages of paper CRF forms (neonate and mother).
- Complete every line of every section, except for where the instructions say to skip a section based on certain responses.
- Selections with square boxes ( $\square$ ) are single selection answers (choose one answer only). Selections with circles (o) 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.





(hours:min)



Neonate's Identification Code : Mother's Identification Code :

- Please keep all of the sheets for each study subject together e.g. with a staple or in a folder that is unique to the patient.
- 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: <a href="mailto:gail.carson@ndm.ox.ac.uk">gail.carson@ndm.ox.ac.uk</a>

**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.

/ 20

#### **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):

Name and role of the person taking consent:

Signature of person taking conse	ent:					
1. Name of site/clinic/hospital						
2. Geoposition	Latitude:	_·	Longitude:			
If geoposition not available, state	le location be	low				
3. City/town/village:						
4. Country (& region/district):						
) NEONATE DEMOGRAPH	CS					
5. Sex		□Male □Female	□Uncertain			
6. Date of birth (dd/mm/yyyy)		//20				
7. Gestational age at birth		weeks days				
8. Basis of gestational age estimation at birth		□ Last menstrual period □ Ultrasound □ Assisted reproduction □ Other (specify):				
9. Birth number		□Singleton □Twin I □Triplet I □Triplet □Other:				
<b>10. Ethnicity of baby</b> (as per nation guidelines):	onal					
11. Fetal presentation at delivery	1	□Cephalic □Breech	□Other (specify):			







Neonate's Identification Co Note: If further demogro Demographics and Epido	aphic or epidemiolo						V CRF	
2) NEONATE MEASUF  *Head circumfe	REMENTS AT B		AFTER E	BIRTH, AND NO	LATER TH	IAN 24 HOUR	S.	
<b>12. Apgar scores</b> ☐ Yes ☐ Not done If ye	s give scores	1min	!	5min 10ı	min			
<b>13. Birth weight</b> (<12 hrs ☐ Yes ☐ Not done If yes give measurements		grams		pounds		ounces		
14. Crown-to-heel length ☐ Yes ☐ Not done If yes give measurements			cm		inches			
<b>15. Head circumference</b> *(occipito-frontal)  ☐ Yes ☐ Not done If yes give measurements			cm		inches			
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		<b>16. Birth weight</b> SD		17. Crown-to-heel lengthSD		18. Head circumferenceSD		
19. Mother's head circum  ☐ Yes ☐ Not done  If yes give measurements	nference		cm		inches			
20. Father's head circumference  ☐ Yes ☐ Not done  If yes give measurements			cm		inches			
B) BIRTH ABNORMAL		abnormalitie	es were <sub> </sub>	present				
21. Fontanelle present	Anterior:  □Yes □No □Unknown		Posterior:  ☐Yes ☐No ☐Unknown			Bulging:  □Yes □No □Unknown		
22. Abnormal skull shape	□Yes □No □Unknown		☐ Oxicefalia ☐ Plagiocefalia ☐ Trigocefalia ☐ Escafocefalia ☐ Acrocefalia					







Neonate's Identification Code: Mother's Identification Code:							
If yes, circle most appropriate depiction1:							
Oxice	falia	Í			Plagiocefalia		
Trigoc	) efalia	1			Escafocefalia		
	0		Acrocefa	frente ; olia	ilama ilama		
23. Sloping forehead	□Yes	□No	□Unknown		If yes, specify/describe:		
24. Craniosynostosis	□Yes	□No	□Unknown		If yes, specify/describe:		
25. Cephalohematoma	□Yes	□No	□Unknown		If yes, specify/describe:		
26. Subgaleal hemorrhage	□Yes	□No	□Unknown		If yes, specify/describe:		
27. Redundant skin on skull at birth	□Yes	□No	□Unknown		If yes, specify/describe:		
28. Facial disproportion	□Yes	□No	□Unknown		If yes, specify/describe:		
29. Nasal abnormalities	□Yes	□No	□Unknown				
30. Flat nasal bridge	□Yes	□No	□Unknown				
31. Anteverted nares	□Yes	□No	□Unknown				
32. Other nasal abnormalities	□Yes	□No	□Unknown		If yes, specify/describe:		

 $<sup>{}^{</sup>l}http://www.himfg.edu.mx/descargas/documentos/EDI/ManualdeExploracionNeurologicaparaNinosMenoresde5enelPrimerySegundoNiveldeAtencion.pdf$ 







<b>Neonate's Identification Code</b>	: Mother's Identification	Code :
33. Orofacial clefts	□Yes □No □Unknown □ Cleft lip □ Cleft palate □ Both	□left □right □middle □bilateral
34. Eye abnormalities	□Yes □No □Unknown □Anophthalmia □Microphthalmia	☐ Other (describe):
35. Ear abnormalities	☐ Yes ☐ No ☐ Unknown ☐ Anotia (absent ear/s) ☐ Microtia (small ear/s)	☐ Other (describe):
36. Hemangiomas	☐ Present ☐ Absent	O Facial O Rest of body Number of them:
37. Neural tube defects	□Yes □No □Unknown □ Spina bifida □ Meningocele □ Anencephaly	☐ Other (describe):
38. Scoliosis	□Yes □No □Unknown	
39. Barrel-like chest	□Yes □No □Unknown	
40. Upper Limb abnormalities If yes, specify/describe:	□Yes □No □Unknown   Arthrogryposis □Yes □No   Amyoplasia □Yes □No   If yes: □Distal □Syndromic   Hyperextension □Yes □No   If yes, indicate joints: □   Contractures □Yes □No   If yes, indicate joints: □   □ □	□Other (describe):
41. Hand abnormalities  If yes, specify/describe:	☐Yes ☐No ☐Unknown O Clinodactyly ☐ Unilateral ☐ Bilateral O Missing digits ☐ Unilateral ☐ Bilateral O Extra digits ☐ Unilateral ☐ Bilateral O Camptodactyly ☐ Unilateral ☐ Bilateral O Nail hypoplasia/aplasia O Adducted thumb O Bilateral simian crease	□Other (describe):







Neonate's Identification Code	: Mother's Identification	n Code :
42. Lower Limb abnormalities	□Yes □No □Unknown	☐Other (describe):
If yes, specify/describe:	Arthrogryposis □Yes □No Amyoplasia □Yes □No If yes: □Distal □Syndromic	
	Hyperextension □Yes □No If yes, indicate joints):	
	Joint dislocation/subluxation ☐Yes ☐No If yes, indicate joints):	
	Contractures	
43. Feet abnormalities	☐Yes ☐No ☐Unknown  o Widely spaced toes	□Other (describe):
If yes, specify/describe:	Unilateral □Bilateral  o Missing toes □ Unilateral □Bilateral  o Extra toes □ Unilateral □Bilateral  o Clubfoot □ Unilateral □Bilateral  o Nail □ Unilateral □Bilateral	
44. Umbilical hernia	☐ Present ☐ Absent	
45. Gastroschisis	□Yes □No □Unknown	
46. Omphalocele	□Yes □No □Unknown	
47. Any other significant abnormalities present	□Yes □No □Unknown	□Other (describe):
If yes, specify/describe:	Cardiac: □Yes □No □Unknown	
	<b>Renal:</b> □Yes □No □Unknown	
	Organomegaly (enlarged liver/spleen)  ☐Yes ☐No ☐Unknown	
48. Down's syndrome features	□Yes □No □Unknown	
49. Known familial genetic disorders	□Yes □No □Unknown	If yes, please specify:







Neonate's Identification Code	: Mother	's Identification	Code :		_
50. Other Syndromic abnormalities identified by Physician	□Yes □No □Unknown		If yes, ple	ase specify:	
4) OTHER TEST AND/OF	R EXAMINATION				
Test	Result	If abnormal,	please des	cribe abnorm	nality:
51. Fundoscopy	□Normal □Abnormal □Not Done				
52. Red reflex	□Present □Absent □Not Done				
53. Cataract	□Normal □Abnormal □Not Done				
54. Chorioretinitis	☐ Absent ☐ Present ☐ Examination Not Done				
55. Hearing test	□Normal □Abnormal □Not Done	Specify test u	ısed:		
56. Congenital heart defects	□Yes □No □Unknown	If yes, specify	<b>/</b> :		
57. Any other significant findings	□Yes □No	If yes, specify	<b>/</b> :		
Newborn blood screening	58. Hypothyroidism  ☐ Negative ☐ Positive ☐ Not Done	59. Phenylketonuria 60. Ot □ Negative □ Positive □ Neg □ Not Done □ Posi			specify):
<b>5) BASELINE OBSERVAT</b> *If a neuromuscular and/or neuadditional gestational assessm protocol.	urodevelopmental assessment	is required with	nin the first	• •	•
<b>61. Date</b> (dd/mm/yyyy)		//	′20		
General physical examination	n				
62. Maximum temperature	°C or □Oral □Tyn □Other (spec	•		ıl □Skin	
63. Respiratory rate			breat	:hs/minute	☐ Not done
64. Heart rate			beats	s/minute	☐ Not done
65. Capillary refill time (cent	tral)		Seco	nds	☐ Not done
66. Peripheral O <sub>2</sub> saturation	(SpO <sub>2</sub> )		%		☐ Not done



Neonate's Identification Code : \_\_\_\_\_ Mother's Identification Code : \_\_\_\_\_





67. Cardiovascular system	□Normal □Abnormal □Unknown	☐Murmur ☐Other (specify) :			
68. Respiratory system	□Normal □Abnormal □Unknown	If abnor	mal, describe:		
69. Gastrointestinal system	□Normal □Abnormal □Unknown	□ Jaundice □ Abdominal tenderness □ Hepatomegaly □ Splenomegaly □ Other (specify):			
70. Edema	□Yes □No □Unknown	If yes, describe affected parts:			
71. Cryptorchidism	□Yes □No □Unknown □ Not applicable				
72. Type of cry	☐Strong normal cry ☐Not crying				
Neurological examination					
73. Tonic neck reflex	☐ Symmetrical ☐ Asymm	etrical $\Box$	lAbsent □Not Done		
74. Sucking reflex	☐ Present ☐ Absent				
75. Grasp reflex	<b>Left foot</b> □ Present □	Absent	Right foot ☐ Present ☐ Absent		
	<b>Left hand</b> □ Present □	Absent	Right hand	nt 🗆 Absent	
76. Moro reflex	□Present □Absent □Not Done		□Symmetrical □Asymmetrical		
77. Rooting reflex	□Present □Absent □Not Done				
78. Deep tendon reflexes	Biceps		Left □Present □Absent □Not Done	Right □ Present □ Absent □ Not Done	
	Brachioradialis		□Present □Absent □Not Done	□Present □Absent □Not Done	
	Triceps		□Present □Absent □Not Done	□Present □Absent □Not Done	
	Patellar		□Present □Absent □Not Done	□Present □Absent □Not Done	







Neonate's Identification Code:	Mother's Identification Code :						
	Achilles tendon		□Present □Absent □Not Done	□Present □Absent □Not Done			
79. Muscle tone	□Normal □Hypertonic □Hypotonic		If hypertonic, spec	ify which limbs involved:			
80. Extremity movements	□Symmetrical □Asymmetr	ical 🗆	]Unknown				
81. Seizure(s)	☐General ☐Focal Fever-associated: ☐Yes ☐No ☐Unknown ☐No ☐Unknown						
	If seizures are present, describe:  Frequency: times per □ Hour □ Day □ Week □ Month						
	Average length: ☐ Second	ds 🗆	Minutes ☐ Hours	☐ Continuous			
	☐Other (specify):						
82. Paralysis	☐General ☐Ascending ☐No ☐Unknown						
83. Contractures	□Yes □No □Unknown	If y	es, describe:				
84. Other neurological signs*	□Yes □No	If y	es, describe:				
85. Other abnormal movements* e.g. writhing movements	□Yes □No	If y	res, describe:				
Skin abnormalities		·					
86. Rash	□Yes □No □Unknown		ves, date of rash set (dd/mm/yyyy)	//20			
If yes, describe type of rash		Во	dy distribution of ra	ash			
87. Maculopapular rash	□Yes □No	l l	□Centrifugal □Centripetal Location:				
88. Erythematous rash	□Yes □No		☐Centrifugal ☐Centripetal Location:				
89. Non blanching rash	□Yes □No		☐Centrifugal ☐Centripetal Location:				
90. Vesicular rash	□Yes □No	☐Centrifugal ☐Centripetal Location:					
91. Erythema migrans	□Yes □No		Centrifugal □Cent cation:				







veonate's iden	tification Code :			Mot	ner's identi	lication Code :																																
92. Petechial	or purpuric rash	□Yes	□No			Centrifugal Cocation:																																
93. Bruising /	ecchymosis	□Yes □No			□Centrifugal □Centripetal Location:																																	
94. If other ty please specifi spread:	•		☐Centrifugal [			Centrifugal [																																
5) IMAGING	(if available)	ormality a	nd onclose	im	ages if possil	ala																																
Neuroimagin		Results	na enciose	If a	ıbnormal, pl		Images attached	Report attached																														
95. Cranial ul	trasound scan	□Normal □Abnormal □Not Done						normal		Abnormal				□Yes □No																								
	MRI brain (record only if t of routine care)		nl mal																																		□Yes □No	□Yes □No
97. CT brain (	record only if e care)	□Norma □Abnorr					□Yes □No	□Yes □No																														
98. Other (sp test):	ecify type of	□Norma □Abnorr					□Yes □No	□Yes □No																														
Other (specif	y type of test):	□Norma □Abnorr							□Yes □No	□Yes □No																												
	TIONS OR SUF																																					
	cations administ ds, immunoglobu				•	•	<b>s</b> . Include an	tibiotics, antivirals,																														
Type of medication	Name of med (generic na		(		Frequency (per day)	Start date (dd/mm/ yyyy)	Number of days	Route of administration																														
								□IV □Oral □Rectal □Other:																														
								□IV □Oral □Rectal □Other:																														







veoliate 3 identification code		nei sidentii	ication co	ue				
						□IV □Red	□Oral tal □Other:	
						□IV □Red	□Oral tal □Other:	
						□IV □Red	□Oral tal □Other:	
B) LABOUR AND DELIVERY								
100. Onset of labor	101. Prelabor	premature	rupture	102.	Place of deliv	very		
□Spontaneous □Induced	of membrane	•			_			
□No labor □Unknown	□Yes □No	∐Unknowr	1		me □Healt known	h faci	ility	
<b>103. Mode of delivery</b> □ Vaginal spor □ Caesarean se	ntaneous 🗆 Va ection 🗆 As	ginal assisted sisted breech		•	· · ·			
If labor was induced, or Caesarean sect	ion performed,	please tick	all that ap	ply:				
104. Vaginal bleeding	□Yes □No		105. Rhesus disease or anti-Kell antibodies			l	□Yes □No	
106. Placenta previa	□Yes □No	107. Intrahepatic cholestasis of pregnancy					□Yes □No	
108. Fetal death	□Yes □No	109. Post-	<b>109. Post-term</b> (>42 weeks' gestation)					
110. Pregnancy-induced hypertension	□Yes □No	111. HIV or AIDS					□Yes □No	
112. Pre-eclampsia	□Yes □No	113. Genital tract infection or STD				ا	□Yes □No	
114. Severe pre- eclampsia/eclampsia/ HELLP	□Yes □No	115. Infection requiring antibiotics/antivirals				□Yes □No		
116. Breech presentation	□Yes □No	117. Accid	117. Accident/maternal trauma				□Yes □No	
<b>118. Fetal distress</b> (abnormal FHR or BPP)	□Yes □No	119. Pregn	119. Pregnancy termination				□Yes □No	
120. Reduced fetal movement	□Yes □No	121. Previo	ous Caesa	rean s	ection		□Yes □No	
122. Failure to progress	□Yes □No		_	•	isting condit		□Yes □No	
124. Cephalo-pelvic disproportion	□Yes □No	" '	es to abo	ve qu	estion, specif	ıy:		
125. PPROM	□Yes □No	126. Any other maternal reason  If yes to above question, specify		£. , .	□Yes □No			
127. Uterine rupture	□Yes □No	ir y	res to abo	ve qu	estion, speci	y.		
128. Placental abruption	□Yes □No	129. Any o					□Yes □No	
130. Suspected IUGR	□Yes □No	If yes to above question, specify:						







eonate's Identification Cod	de :	Mot	her's Identification Co	ode :	
<b>131.</b> If yes to any of the ab	pove, specify:				
132. Placental weight	Пе	grams	ounces		
133. Placental calcification	ns □Yes □No □Un	know	'n		
134. Other placental abnormalities	□Yes □No □Unkno	wn	If yes, specify:		
Intrapartum Complication	ıs		l		
135. Hemorrhage	□Yes □No □Unkno	wn	If yes, specify source of bleeding:		
136. Chorioamnionitis	□Yes □No □Unkno	wn	If yes, specify positive microbiology result:		
137. Fetal hypoxia	□Yes □No □Unkno	wn	If yes, specify tests used:		
138. Fetal scalp blood sample	□Yes □No □Unkno	wn	If yes, record results:		
139. Cardiotocography (CTG) abnormalities	□Yes □No □Unkno	wn	If yes, specify:		
140. Other complication(s)	□Yes □No □Unkno	wn	If yes, specify/describe:		
Postpartum Complication	s				
141. Postpartum complications (including postpartum hemorrhage)	□Yes □No □Unkn	own	If yes, please specify:		
142. Neonatal hypoglycemia	□Yes □No □Unkn	own	Please specify glucose value and unit: (if multiple measurements: note lowest blood glucose value)		□ mg/dL □ mmol/L
) NEONATE HOSPITA	AL ADMISSION				
143. Was the neonate a	dmitted to hospital		∕es □No □Unknown		
144. If yes, state the na	me of the hospital				
145. City					
146. Reason for admissi	ion:				







Neonate's Identification Code :		Mother's Identification Code :		
147. Date of admission (dd/mm/yyyy)	_//20	148. Length of stay (days)	days	
149. Was the neonate admitted to intensive care (ITU/PICU/NICU/PHDU)		□Yes □No □Unknown		
If yes, please also complete t	he Zika virus Case R	eport Form (CRF) – Ne	onate Intensive Care module	

#### 10) DIAGNOSTIC OUTCOMES NEONATE

Record the final diagnosis based on laboratory tests performed, clinical picture and case definitions when available. 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. Please complete the Zika virus CRF Neonate Laboratory Results module.

Pathogen	Diagnosis	Comment
150. No confirmed diagnosis	☐ Tick if no diagnosis made	
151. Zika virus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
152. Dengue virus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
153. Yellow fever virus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
154. West Nile virus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	







Neonate's Identification Code	: Mother's Iden	tification Code :
155. Chikungunya virus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
156. Toxoplasmosis	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
157. Rubella	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
158. Cytomegalovirus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
159. Herpes Simplex virus	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative ☐ Not tested ☐ Unknown	
160. Other (specify):	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative	
Other (specify):	☐ Confirmed acute infection ☐ Probable acute infection ☐ Confirmed past infection ☐ Probable past infection ☐ Negative	







Neonate's Identification Code : \_\_\_\_\_ Mother's Identification Code : \_\_\_\_\_

11) NEONATE OUTCOME AT DISCHARGE

Complete at discharge or death

161. Date of discharge (dd/mm/yyy	ry): / / 20 _		
162. Neonate's status at discharge:  ☐ Discharged home or other place ☐ Discharged home or other place movements) ☐ Discharged home or other place ☐ Antepartum death ☐ Intrapartum death ☐ Unknown	with no abnorma with neurologica	l sequelae (e.g. seizure	s, spasticity, hypotonia, abnormal
163. Microcephaly (as defined in th	e study inclusion	criteria): □Yes	□No □Unknown
164. If discharged with neurologica	l sequelae, pleaso	e specify:	
165. If discharged with other abnor	mality specify all	:	
Microcephaly	□Present	□Absent	
Facial disproportion	□Present	□Absent	
Hearing impairments	□Present	□Absent	
Visual impairments	□Present	□Absent	
Dysphagia	□Present	□Absent	
Calcifications - CNS imaging	□Present	□Absent	
Epilepsy and seizures	□Present	□Absent	
Spasticity/contractures	□Present	□Absent	
Neurological reflexes	□Present	□Absent	
Cerebral palsy	□Present	□Absent	
Other, specify:			
DIAGNOSTICS OUTCOME  166. Zika virus □ Positive □ Prob  167. Diagnosis confirmed by: ○ Lab	_	□Unknown □Not to the state of	
168. Case definition/certainty of dia  □ Possible □ Probable □ Confirm  Comment on case definition:	agnosis (in line w	ith national definition	s):
169. If deceased please specify date 170. Was autopsy performed: □Ye	es 🗆 No 🗆 Unkno		







eonate's identification (	oae :	iviotner's i	identification Code :	
2) CASE REPORT FO	ORM COMPLET	ΓED BY		
Name				
and role				
				T
Signature			Date (dd/mm/yyyy)	/ /20