

On-line Table 1: Individual clinical and laboratory data of the 19 infants with congenital Zika syndrome (possible, probable, or confirmed) included in the study

No.	Sex	Mother's Rash during Pregnancy	Gestational Age (wk)	HC at Birth (cm)	Age at Exam (days)	Exam Performed	STORCH and Dengue Status ^a	IgM ZIKV CSF Status ^a	PRNT CSF Status (Infant)	PRNT Serum Status (Mother)	CZS
Congenital Zika syndrome with microcephaly at birth											
1	F	No rash	40	30	157	MRI	Negative	Negative	No data	No data	Possible
2	F	2 mo	38	30	105	MRI	Negative	Positive	No data	No data	Confirmed
3	M	3 mo	39	31	173	MRI	Negative	Positive	No data	No data	Confirmed
4	F	2.5 mo	39	28.5	138	MRI	Negative	Positive	No data	No data	Confirmed
5	F	No rash	37	29	135	MRI	Negative	Positive	No data	No data	Confirmed
6	M	4 mo	37	26	148	MRI	Negative	Positive	No data	No data	Confirmed
7	M	3 mo	39	26	139	MRI	Negative	Positive	No data	No data	Confirmed
8	M	No rash	40	27	137	MRI	Negative	No data	No data	No data	Possible
9	M	3 mo	39w 5d	28	123	MRI	Negative	Positive	No data	No data	Confirmed
CZS with microcephaly developed postnatally ^b											
10	F	3 mo	38	33	60	MRI	No data	No data	No data	No data	Possible
11	F	2 mo	35	29.5	129	MRI	Negative	Positive	No data	No data	Confirmed
12	M	4 mo	36	31.5	133	MRI	Negative	No data	No data	No data	Probable
13	M	4 mo	39w 5d	32	113	MRI	Negative	No data	No data	No data	Probable
14	F	3 mo	37	32	88	CT	Negative	Positive	No data	No data	Confirmed
15	F	No data	No data	No data	381	MRI	Negative	Negative	Negative	No data	Possible
16	F	No rash	39w 5d	32	328	MRI	Negative	Negative	Negative	No data	Possible
CZS without microcephaly											
17	F	1 mo	38	33	253	CT/MRI	Negative	Negative	Negative	Not performed	Probable
18	F	5 mo	38	34	323	CT/MRI	Negative	Negative	Negative	Positive	Probable
19	F	4 mo	39	34.5	352	CT/MRI	Negative	Negative	Negative	Positive	Probable

Note:—w indicates weeks; d, days; HC, head circumference.

^a Test performed on the infant.

^b Patients 10–14 had been considered microcephalic at birth, based on previous HC criteria; therefore, they were included in the microcephaly protocol at that time and had imaging performed earlier. However, according to the Intergrowth-21st (current criteria), they had normal HC at birth and only developed microcephaly postnatally.

On-line Table 2: Summarized history (clinical, neuroimaging, epidemiologic, and laboratory) of the 3 infants with probable congenital Zika syndrome without microcephaly

No.	Clinical History and Examination	Brain Imaging Abnormalities	History of Mother's Rash	Laboratory Tests
17	No abnormal findings during pregnancy HC at birth: 33 cm (z score between 0 and -1) Reduction of movements in the left superior limb since 6 mo HC (8 mo): 41 cm (z score between -1 and -2) No other clinical abnormalities	Performed at 8 mo (Fig 1) MRI: cortico-subcortical white matter junction calcifications (bilateral), slight ventricle enlargement (right), bilateral polymicrogyria CT: confirmed calcifications	Answered after neuroimaging evaluation Mother recalled fever and rash for 2-3 days in the 1st month of pregnancy	Negative CSF and serologic results for STORCH and dengue Negative CSF results for ZIKV-specific IgM Negative CSF results for PRNT in the infant No data from mother
18	No abnormal findings during pregnancy (except for cardiac interventricular communication) HC at birth: 34 cm (z score between 0 and 1) Delayed neuropsychomotor development since 5 mo HC (11 mo): 43 cm (z score between -1 and -2) Physical exam (11 mo): good visual interaction and smile; limb hypertonia predominant on the right and right palmar grasp; good head control but could not sit without support No other clinical abnormalities	Performed at 11 mo (Fig 2) MRI: cortico-subcortical white matter junction calcifications (right), slight ventricle enlargement (left), bilateral polymicrogyria CT: confirmed calcifications	Answered after neuroimaging evaluation Mother recalled pruritic rash, without fever or pain for 3 days in the 5th mo of pregnancy	Negative CSF and serologic results for STORCH and dengue Negative CSF results for ZIKV-specific IgM Negative CSF and serologic results for PRNT in the infant Positive serologic results for PRNT in the mother
19	No abnormal findings during pregnancy HC at birth: 34.5 cm (z score between 0 and 1) Delayed neuropsychomotor development since 5 mo HC (12 mo): 44 cm (z score between 0 and -1) Physical exam (12 mo): good visual interaction and smile; answer to simple questions; good head control and sat unsupported; asymmetric use of both hands (right hand predominant); could stand with support but could not walk; mild paresis and hypertonia of the lower limbs No other clinical abnormalities	Performed at 11 mo (Fig 3) MRI: cortico-subcortical white matter junction calcifications in frontal and parietal lobes (bilateral) CT: confirmed calcifications	Answered before neuroimaging evaluation Mother recalled 24-hour rash without fever or pain in the 4th month of pregnancy	Negative CSF and serologic results for STORCH and dengue Negative CSF results for ZIKV-specific IgM Negative CSF and serologic results for PRNT in the infant Positive serologic results for PRNT in the mother

Note:—HC indicates head circumference.