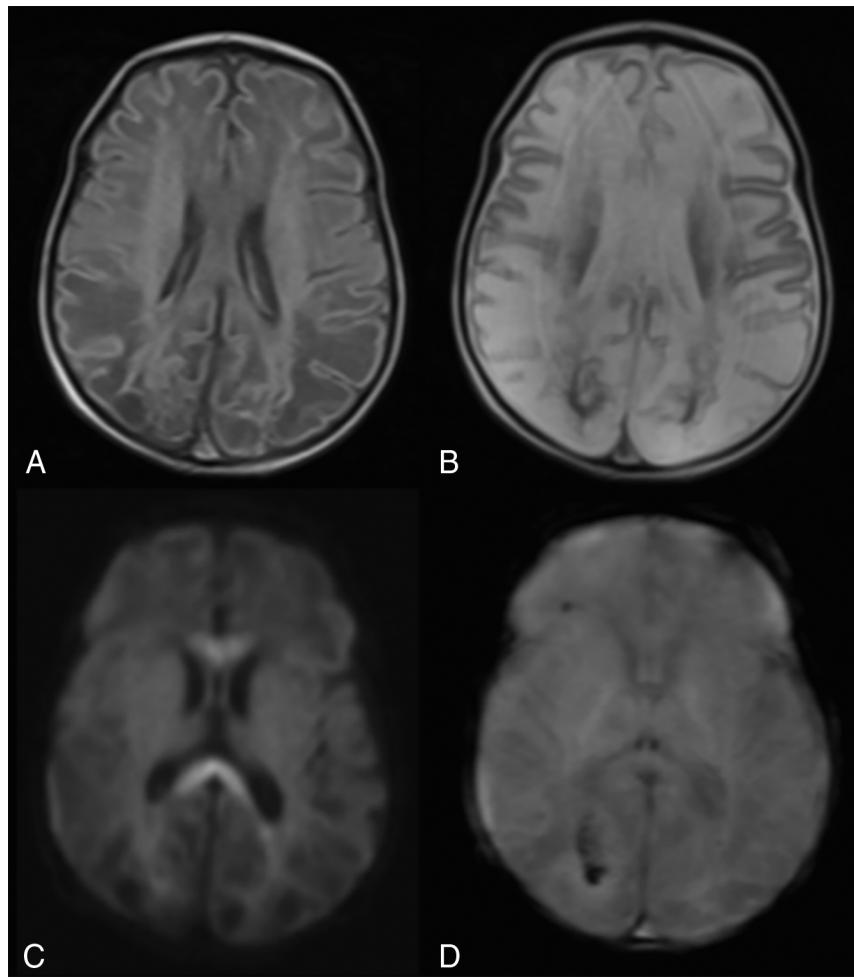


On-line Table: Clinical and MR imaging characteristics of 6 patients with perinatal CHIKV infection and brain lesions

	Case 1		Case 2		Case 3		Case 4		Case 5		Case 6	
	Male		Female		Female		Male		Male		Female	
	Mother's symptoms	Fever and disseminated cutaneous rash 36 wks and 6 days	Fever and arthralgia 34 wks and 2 days	Fever and arthralgia 35 wks and 1 day	Fever and arthralgia 36 wks	Fever and disseminated cutaneous rash 36 wks	Fever and cutaneous rash 36 wks	Fever and cutaneous rash 36 wks	Fever and disseminated cutaneous rash 36 wks	Fever and cutaneous rash 36 wks	Fever and disseminated cutaneous rash 34 wks and 3 days	
Gestational age at the onset of maternal symptoms	RT-PCR positive for CHIKV in the blood	IgM positive for CHIKV in the blood	IgM positive for CHIKV in the blood	IgM positive for CHIKV in the blood	RT-PCR positive for CHIKV in the blood	RT-PCR positive for CHIKV in the blood	RT-PCR positive for CHIKV in the blood	RT-PCR positive for CHIKV in the blood	RT-PCR positive for CHIKV in the blood	RT-PCR positive for CHIKV in the blood	IgM positive for CHIKV in the blood	
CHIKV diagnostic method in the mother	Cesarean 37 wks 5 days	Cesarean 35 wks 10 days	Vaginal 36 wks 5 days	Vaginal 36 wks 7 days	Cesarean 37 wks 4 days	Cesarean 37 wks 4 days	Cesarean 37 wks 4 days	Cesarean 37 wks 4 days	Cesarean 37 wks 4 days	Cesarean 37 wks 4 days	Cesarean 34 wks and 5 days 4 days	
Delivery	Gestational age at birth	Patient age at symptom onset	Patient age at MRI	Time of MRI after symptom onset	MRI findings	Restricted diffusion in the entire corpus callosum and in the subcortical white matter; discrete hyperintense subcortical signals on FLAIR	Restricted diffusion in the entire corpus callosum, scattered hemorrhages, and subcortical lesions	Restricted diffusion in the entire corpus callosum, scattered hemorrhages, and subcortical lesions	Restricted diffusion in the entire corpus callosum, scattered hemorrhages, and subcortical lesions	Subcortical cystic lesions, and discrete restricted diffusion in the genu of the corpus callosum	Subcortical cystic lesions, and discrete restricted diffusion in the splenium of the corpus callosum	Subcortical cystic lesions, and discrete restricted diffusion in the genu of the corpus callosum
Gestational age at birth	15 days	20 days	18 days	21 days	20 days	30 days	26 days	20 days	16 days	20 days	30 days	26 days
Patient age at symptom onset	10 days	10 days	13 days	14 days								
Patient age at MRI												
Time of MRI after symptom onset												



ON-LINE FIGURE. Brain MR imaging of an 18-day-old neonate with perinatal CHIKV infection (case 3) shows brain volume loss, bilateral subcortical white matter lesions with hypointense signal on FLAIR (A), and hyperintense signal on T2-weighted imaging (B), associated with restricted diffusion in the corpus callosum (C), as well as hemorrhage in the right frontal and parietal lobes, on SWI (D).