

Online supplemental table 1. Neuroimaging characteristics of 158 infants with symptomatic or asymptomatic cCMV.

Neuroimaging findings	Presentation at birth		
	Symptomatic (N=103)	Asymptomatic (N=55)	<i>P</i>
At least one neuroimaging abnormality, n (%)	90 (87.4)	47 (85.5)	.734
Normal cUS, abnormal MRI, n (%)	2 (1.9)*	5 (9.1)*	.050
Abnormal cUS, normal MRI, n (%)	6 (5.8)†	15 (27.3)†	<.001#
Abnormal cUS, abnormal MRI, n (%)	82 (79.6)	27 (49.1)	<.001#
LSV, n (%)	54 (52.4)	27 (49.1)	.689
Caudothalamic germinolysis, n (%)	65 (63.1)	29 (52.7)	.205
Ventriculomegaly‡, n (%)	43 (41.7)	7 (12.7)	<.001#
Periventricular calcification, n (%)	22 (21.4)	N/A	N/A
Frontal or temporal pseudocysts, n (%)	23 (22.3)	6 (10.9)	.077
Occipital horn septations, n (%)	13 (12.6)	2 (3.6)	.066
WMAs, n/total (%)§	66/99 (66.7)	25/55 (45.5)	.010
IWMA, n/total (%)§	36/99 (36.4)	25/55 (45.5)	.269
Diffuse IWMA, n/total IWMA (%)§	18/36 (50.0)	8/25 (32.0)	.162
IWMA with TPWMA, n/total IWMA (%)§	19/36 (52.8)	3/25 (12.0)	.001#
Cortical malformation, n (%)	25 (24.3)¶	N/A	N/A
Cerebellar hypoplasia, n (%)	11 (10.7)	N/A	N/A

N/A, not applicable.

*The finding observed in all 7 cases with normal cUS and abnormal MRI consisted of WMAs. One of them also had temporal germinolytic pseudocysts.

†cUS abnormalities in the group of 21 infants with abnormal cUS and normal MRI were LSV in 10, caudothalamic germinolytic pseudocysts in 5, and a combination of LSV and caudothalamic germinolysis in 6.

‡Ventriculomegaly was defined as lateral ventricle width ≥ 7.5 mm on a coronal section at the level of the atria.

§N of the total number of patients for whom the variable was available.

¶Cortical malformations consisted of polymicrogyria in 14 cases, a simplified gyral pattern in 6, and a combination of scarce gyration and polymicrogyria in 5.

#Statistically significant with the use of Holm-Bonferroni correction for multiple comparisons.