

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) | P |
| 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.