

[illegible]

Sex	GA at MRI	Bilateral cavitation of GE	Unilateral cavitation of GE	Bilateral increased volume of GE	Unilateral increased volume of GE	Microcephaly (<3 rd centile)	Normal brain size	Macrocephaly (>97 th centile)	Ventriculomegaly (<12 mm)	Ventriculomegaly (>12 mm)	Agenesis/ hypogenesis of CC	Reduced opercularization	Reduced gyration	Cerebellar anomalies/hypoplasia	Brainstem anomalies	Abnormal transient layering	Bilateral polymicrogyria	Unilateral polymicrogyria	Hemimegalencephaly
NA	22			Yes			Yes	Yes	Yes	No	No	No	No	No	No	NA	No	No	No
F	21			Yes			No		Yes	No	Yes	No	No	No	No	No	No	No	No
M	26				Yes		Yes		No	No	No	No	No	No	No	No	No	No	No
F	27			Yes			Yes		Yes	No	No	No	No	No	No	Yes	No	No	No
F	21		Yes				Yes		Yes	No	Yes	No	No	No	No	No	No	No	No
M	29			Yes			Yes		Yes	No	No	No	No	No	No	No	No	No	No
M	21			Yes			Yes		Yes	No	No	Yes	Yes	Yes	No	No	No	No	No
F	22				Yes		Yes		No	No	No	No	No	No	No	No	No	No	No
F	27			Yes			Yes		Yes	No	No	No	NA	No	Yes	No	No	No	No
F	21			Yes			Yes		Yes	No	Yes	Yes	Yes	Yes	No	No	No	No	No
F	19			Yes			Yes		Yes	No	No	Yes	Yes	No	No	NA	No	No	No
M	20			Yes		Yes	Yes		No	No	Yes	Yes	Yes	No	No	No	No	No	No
F	20			Yes			No		No	Yes	No	Yes	Yes	Yes	Yes	No	No	No	No
M	20			Yes		Yes	Yes		Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No
M	21			Yes		Yes	No		No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
M	22			Yes			No	Yes	No	No	No	Yes	No	No	No	Yes	No	Yes	No
F	21			Yes			No	Yes	No	No	No	Yes	Yes	No	No	No	No	No	No
M	23			Yes			No	Yes	Yes	No	Yes	Yes	Yes	No	No	No	No	No	No
M	33			Yes			No	Yes	Yes	No	No	No	No	No	No	No	No	No	No
M	30			Yes			No		No	Yes	No	No	No	Yes	No	No	No	No	No
NA	21			Yes			Yes	Yes	No	No	No	No	No	No	No	NA	Yes	No	No
M	21				Yes		No	Yes	Yes	No	No	No	No	No	No	Yes	No	Yes	Yes
M	20				Yes		No	Yes	Yes	No	No	No	No	No	No	Yes	No	Yes	Yes
M	22				Yes		No	Yes	Yes	No	No	No	No	No	No	Yes	No	Yes	Yes
F	23				Yes		No	Yes	Yes	No	No	No	No	No	No	Yes	No	Yes	Yes
M	21				Yes		No	Yes	Yes	No	No	No	No	No	No	Yes	No	No	Yes
NA	22	Yes					No		No	No	No	No	No	Yes	No	No	No	No	No
F	23	Yes					Yes		Yes	No	No	No	Yes	No	No	No	No	No	No
NA	22			Yes			Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	No	No
M	27	Yes				Yes	No		No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
F	21	Yes				Yes	No		No	No	Yes	Yes	Yes	Yes	No	No	No	No	No
NA	22			Yes			No	Yes	Yes	No	No	No	No	No	No	NA	No	No	No

Table 1 supplementary online material.

Summary of demographic and prenatal MR imaging data of the sixty fetal cases of the studied cohort.

F = females; M = males; NA = not available; GA = gestational age; MRI = magnetic resonance imaging; GE = ganglionic eminence; CC = corpus callosum.

Captions

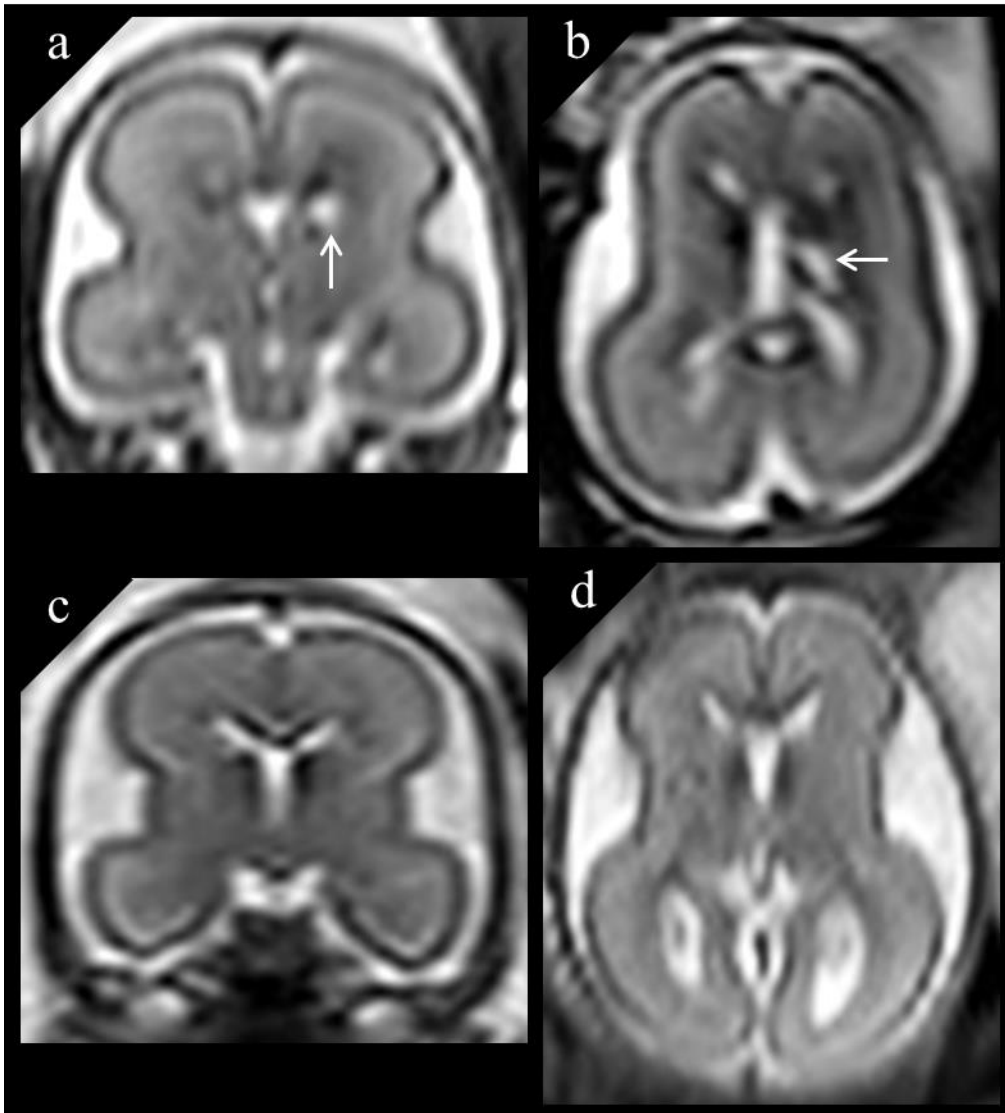


Figure 1 supplementary online material

a, b, coronal and axial ss-FSE T2-weighted section of a 23-week-GA fetus showing unilateral cavitation of the GE (arrows). Head biometry was within normal limits. Cerebellar hypoplasia was present (not shown). c, d, GA-matched control.

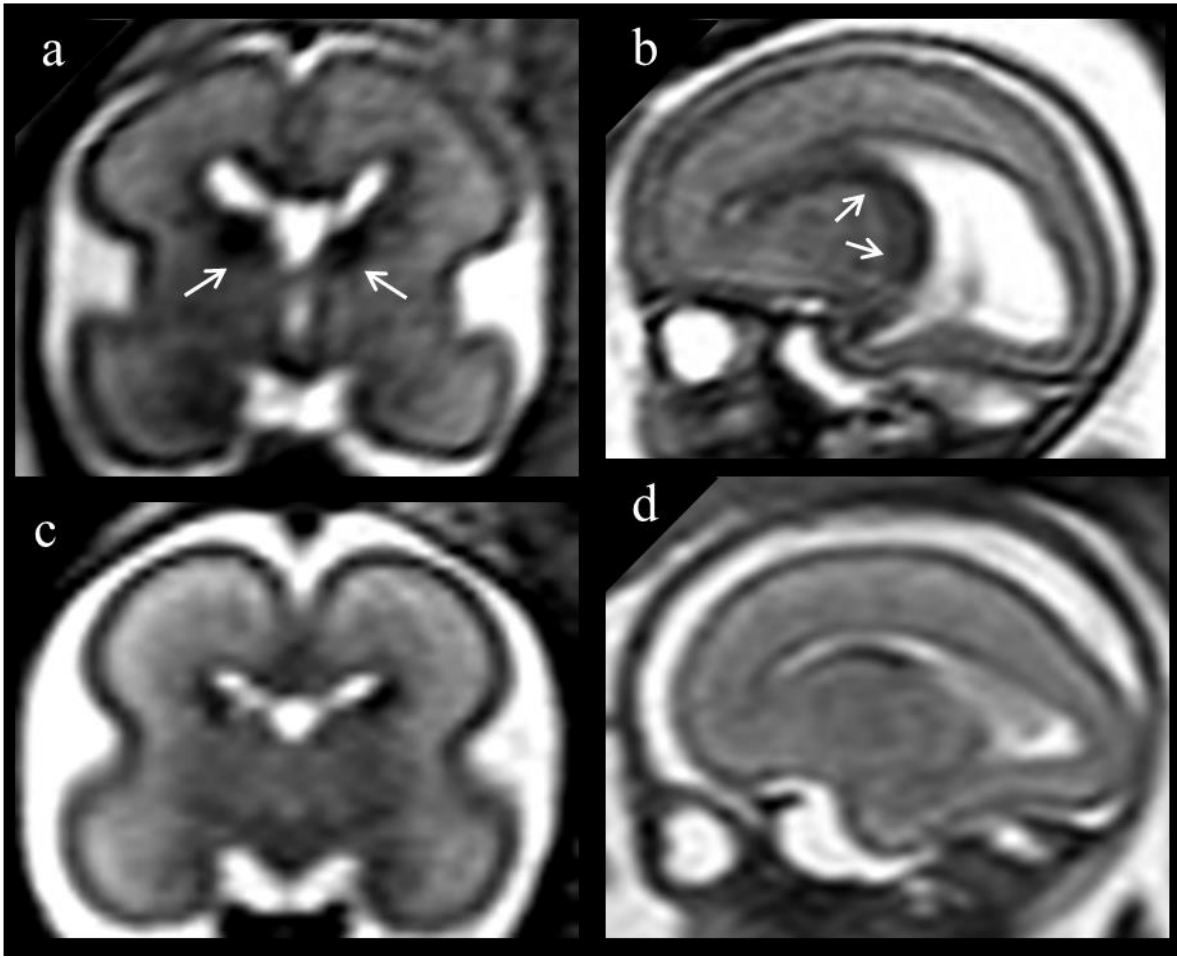


Figure 2 supplementary online material

a, b, coronal and sagittal ss-FSE T2-weighted section of a 22-week-GA fetus showing bilateral increased volume of the GE (arrows). Macrocephaly (> 97 th centile) and mild ventriculomegaly (< 12 mm) were also noted. c,d, GA-matched control.