

**Supplementary Table 1****Details of other incidental MRI findings in 39 patients with optic nerve hypoplasia and septo-optic dysplasia**

<b>Patient #</b>	<b>Neuroimaging findings</b>
1	Left orbit chronic retinal detachment
2	Delayed myelination, small cerebellum including vermis, prominent ventricles
3	Hypoplastic right cerebellar hemisphere
4	Chiari type 1 malformation
5	Calcification vs remote bleed overlying the area of schizencephaly
6	Third ventricle arachnoid cyst
7	Cerebellar dysplasia, vermis hypoplasia, posterior fossa cyst
8	Left choroidal fissure cyst
9	Dysplastic left cerebellum, near complete absence of right globus pallidus and putamen
10	Small area of right frontal gliosis
11	Hypoxic-ischemic changes versus neonatal hypoglycemia over bilateral occipital lobes
12	Fused fornices, dilatation of lateral ventricles
13	Bilateral choroid plexus cysts, right middle cranial fossa arachnoid cyst

- 14 Arachnoid cyst within the right quadrigeminal plate cistern
- 15 Left posterior fossa arachnoid cyst
- 16 Gliosis of right posterior limb of internal capsule, small right choroid fissure cyst
- 17 Large intraventricular cysts bilateral with the right displaying significant mass effect
- 18 Bilateral middle cranial fossa arachnoid cysts
- 19 Small left middle cranial fossa arachnoid cyst
- 20 Aqueduct stenosis
- 21 Bilateral choroid plexus cysts
- 22 Asymmetrical small left basal ganglia and thalamus, left fornix, and small volume of deep white matter of the left hemisphere
- 23 Arachnoid cyst within right ambient cistern with mass effect on right temporal lobe and entrapment of the right temporal horn
- 24 Vermis hypoplasia
- 25 Parenchymal volume loss
- 26 Right middle fossa arachnoid cyst
- 27 Bilateral middle cranial fossa arachnoid cysts
- 28 Increase extra-axial spaces, diffuse volume loss

- 29 Left occipital lobe arachnoid cyst
- 30 Right middle fossa arachnoid cyst
- 31 Arachnoid cyst expanding the suprasellar cistern, ambient cistern and extending dorsal and superior to deform the right lateral ventricle
- 32 Small right cranial nerves five, six and seven
- 33 Delayed myelination
- 34 Suspected congenital absence of the right eighth cranial nerve and severe hypoplasia of the left cochlear branch of the eighth cranial nerve
- 35 Holoprosencephaly, abnormal parenchymal calcifications
- 36 Left middle cranial fossa arachnoid cyst
- 37 Developmental venous anomaly of the right cerebellar hemisphere with mild dysplasia of right cerebellar hemisphere
- 38 Small focus of T2 hyperintensity in right internal capsule
- 39 Intraventricular and parenchymal bleeding
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