

**On-line Table 1: Summary of associated CNS abnormalities**

	Aqueductal Stenosis Group (No.)	Ventriculomegaly Control Group (No.)
Chiari II malformation ( <i>n</i> = 14)	3	11
Dandy-Walker malformation ( <i>n</i> = 2)	1	1
Rhombencephalosynapsis ( <i>n</i> = 5)	5	0
Dystroglycanopathy ( <i>n</i> = 7)	7	0
Diencephalosynapsis ( <i>n</i> = 3)	2	1
Complete callosal agenesis ( <i>n</i> = 7)	1	7
Lissencephaly type 1 ( <i>n</i> = 2)	0	2
Polymicrogyria ( <i>n</i> = 2)	2	0
Gray matter heterotopia ( <i>n</i> = 6)	6	0
Ischemia ( <i>n</i> = 1)	0	1
Intracranial hemorrhage ( <i>n</i> = 17)	15	2
Septo-optic dysplasia ( <i>n</i> = 3)	1	2
Isolated mild ventriculomegaly ( <i>n</i> = 2)	0	4
Cephalocele ( <i>n</i> = 2)	2	0
Craniosynostosis ( <i>n</i> = 1)	0	1

**On-Line Table 2: Univariate analysis of continuous variables**

Variable	Aqueductal Stenosis (Mean)		P Value
	No	Yes	
Lateral ventricle atrial diameter 1 (larger)	16.9 ± 7.03	25.8 ± 8.56	<.0023
Lateral ventricle atrial diameter 2 (smaller)	13 ± 5.64	19.6 ± 5.54	<.0023
Third ventricle diameter	3.78 ± 1.89	7.37 ± 3.61	<.0023