Table 2. Comparison of TVNS and TAS for detection of subtle fetal brain structural abnormalities in fetuses with ventriculomegaly

Subtle brain structural abnormality	TAS detection (n)	TVNS detection (n)	Additional cases detected by TVNS (n)	Earliest detection by TVNS vs TAS (weeks)
Partial agenesis/hypoplasia of the corpus callosum	3	7	4	17+1 vs 21+3
Abnormal cavum septum pellucidum (thin, poorly visualized, or absent)	4	8	4	16+2 vs 20+5
Cerebellar vermian hypoplasia or partial agenesis	2	5	3	18+4 vs 22+1
Periventricular pseudocysts	4	6	2	19+0 vs 23+2
Irregular ventricular wall/subependymal heterotopia	2	5	3	17+5 vs 21+6
Delayed cortical sulcation development	1	4	3	20+2 vs 24+0
Choroid plexus cysts	6	8	2	18+0 vs 20+3
Other subtle structural abnormalities	4	5	1	—
Total	26	48	22	—
Detection rate (%)	20.3 (26/128)	37.5 (48/128)	—	—