

On-line Table: Brain growth with postnatal age

Postnatal Age	Unadjusted Growth (mm/week PNA)			Adjusted ^a Growth (mm/week PNA)		
	β	95% CI	P Value ^b	β	95% CI	P Value ^b
Biparietal diameter						
Birth to TEA	1.50	1.37–1.63	<.001	1.54	1.41–1.66	<.001
<7 days	−0.36	−2.15–1.43	.69	−2.01	−3.66–0.36	.017
7–27 days	1.30	0.90–1.70	<.001	1.30	0.93–1.66	<.001
>27 days	1.98	1.69–2.26	<.001	2.17	1.94–2.40	<.001
Corpus callosum length						
Birth to TEA	0.91	0.84–0.97	<.001	0.89	0.83–0.96	<.001
<7 days	1.04	0.02–2.06	.045	0.99	0.06–1.92	.038
7–27 days	1.10	0.83–1.36	<.001	1.09	0.84–1.33	<.001
>27 days	0.45	0.33–0.58	<.001	0.50	0.38–0.62	<.001
Transcerebellar diameter						
Birth to TEA	1.81	1.72–1.91	<.001	1.76	1.66–1.85	<.001
<7 days	1.93	0.92–2.95	<.001	1.22	0.34–2.11	0.007
7–27 days	1.73	1.35–2.10	<.001	1.52	1.13–1.90	<.001
>27 days	2.01	1.82–2.19	<.001	2.03	1.86–2.20	<.001
Vermis height						
Birth to TEA	0.60	0.54–0.65	<.001	0.59	0.54–0.65	<.001
<7 days	0.83	0.10–1.55	.026	0.52	−0.17–1.22	.141
7–27 days	0.51	0.28–0.74	<.001	0.46	0.26–0.67	<.001
>27 days	0.58	0.44–0.73	<.001	0.71	0.60–0.83	<.001
Interhemispheric distance						
Birth to TEA	0.22	0.19–0.26	<.001	0.22	0.18–0.26	<.001
<7 days	−0.04	−0.32–0.24	.788	−0.04	−0.33–0.24	.773
7–27 days	0.19	0.10–0.28	<.001	0.19	0.10–0.28	<.001
>27 days	0.27	0.18–0.36	<.001	0.29	0.21–0.36	<.001
Anterior horn width, left ^c						
Birth to TEA	0.09	0.06–0.13	<.001	0.10	0.07–0.14	<.001
<7 days	0.42	−0.26–1.09	.229	0.53	−0.15–1.20	.125
7–27 days	0.11	0.01–0.21	.038	0.11	0.01–0.21	.034
>27 days	0.05	−0.02–0.11	.143	0.06	−0.002–0.12	.059
Anterior horn width, right ^c						
Birth to TEA	0.09	0.05–0.12	<.001	0.09	0.06–0.13	<.001
<7 days	−0.04	−0.37–0.28	.791	−0.04	−0.37–0.28	.788
7–27 days	0.20	0.08–0.32	.001	0.20	0.08–0.32	.001
>27 days	0.05	−0.02–0.12	.173	0.06	−0.01–0.13	.096
Ventricular width						
Birth to TEA	0.58	0.52–0.65	<.001	0.59	0.52–0.65	<.001
<7 days	1.05	−0.27–2.37	.118	0.57	−0.67–1.82	.368
7–27 days	0.27	0.07–0.47	.007	0.30	0.10–0.49	.003
>27 days	0.75	0.62–0.88	<.001	0.80	0.66–0.93	<.001

Note:— β indicates regression coefficient (rate of change of the linear measure per week postnatal age).

^a Adjusted for gestational age, birth weight z score, and sex.

^b P value reflects strength of the evidence for an association between the linear measure and postnatal age.

^c Restricted to infants without an ipsilateral intraventricular hemorrhage.