

Table I. Rates of congenital anomalies associated with anticonvulsant medications

Anticonvulsant medications	Rate of congenital anomalies	Specific associations
Carbamezipine	2.2%	Craniofacial defects, developmental delay
Lamotrigine	3.2%	
Phenytoin	3.7%	Fetal hydrantoin syndrome
Valproate	6.2%	10 times higher risk of NTDs, developmental delay
Trimethadone	50%	Contraindicated in pregnancy

It is unknown whether newer anticonvulsants (felbamate, gabapentin, pregabalin, levetiracetam, lacosaminde, tiagabine, topiramate, oxcarbazepine and vigabatrin) are teratogenic.