CHD2

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Summary

- *CHD2* (chromodomain-helicase-DNA-binding protein 2) helps control the switching on and off of genes essential for brain development.
- Changes in the *CHD2* gene can either be *de novo* (new in the person with epilepsy and not inherited from a parent) or be inherited from a parent.
- Changes in *CHD2* can cause developmental and epileptic encephalopathy (DEE), intellectual disability and Autism spectrum disorder (ASD).
- Epilepsy associated with the *CHD2* gene usually begins during infancy and early childhood. Myoclonic seizures, myoclonic-atonic seizures and photosensitivity are common.
- Diagnosis for *CHD2* epilepsy will require genetic testing.