

The benefits of ketogenic diet therapy (KDT) in the management of drug-resistant epilepsy (DRE)



- ✓ Up to 80% of the child's brain is developed in the first 3 years of life¹⁻⁴
- ✓ The **peak incidence** of childhood epilepsy occurs in the **first 2-3 years**⁵
- ✓ **Early intervention is critical** to minimize the impact of epileptic seizures:

 **Prevent** long term cognitive impact


 **Enable** best developmental outcomes

 **Optimise (QoL)** of children and parents


During infancy, only seizure freedom safeguards psychomotor development. A higher seizure burden predicts further neurological decline.⁶


Current medical interventions are not always effective or appropriate for infants and children.

 **ASMs* Treatment**

 **30% of adults and children do not respond well to ASMs⁷**



 **Brain surgery**
May not be an option for all forms of epilepsy⁸


 **VNS (Brain Stimulation)**
May not be suitable for all infants & children⁹

International guidelines recommend KDT after 2-3 drugs have failed¹⁵



Current research shows that KDT is highly effective and well tolerated in infants and children with epilepsy.¹⁵

KDT has proven efficacy and benefits:

 Up to 28% of children **seizure-free** and up to 60% show **>50% reduction in seizures**¹⁶

 Improved **sleep quality** in children and parents¹⁷

 **Improved cognition** and positive **behavioral impact**¹⁹

 **Improved quality of life** for patients, parents and family²⁰

KDT - Ketogenic Diet Therapy
ASMs - Anti-seizure Medications
QoL - Quality of Life

To learn more how to initiate Ketogenic Diet Therapy, visit:



References

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