

## 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<sup>5</sup>
- Early intervention is critical to minimize the impact of epileptic secures:



**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.



SMs\* Treatment



30% of adults and children do not respond well to ASMs<sup>7</sup>



May not be an option for all forms of epilepsy<sup>8</sup>

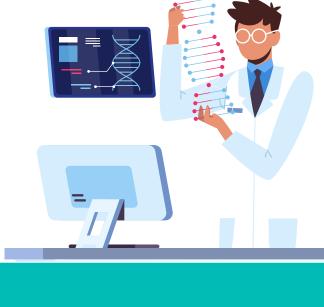
**Brain surgery** 



May not be suitable for all infants & children<sup>9</sup>

**VNS** (Brain Stimulation)

### International guidelines recommend KTD after 2-3 drugs have failed<sup>15</sup>



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

**Current research** 

#### Up to 28% of children

KDT has proven efficacy and benefits:



reduction in seizures<sup>16</sup> **Improved cognition** and positive behavioral

seizure-free and up to

60% show >50%

impact<sup>19</sup>



**Improved quality** of life for patients, parents and family<sup>20</sup>

Improved sleep

and parents<sup>17</sup>

quality in children



KDT - Ketogenic Diet Theraphy ASMs - Anti-seizure Medications OoL - Quality of Life

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







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