




## TREATMENT OF RARE METABOLIC DISEASES




### MISSION:


To provide innovative and alternative products that bring a longer and healthier life to metabolic patients.

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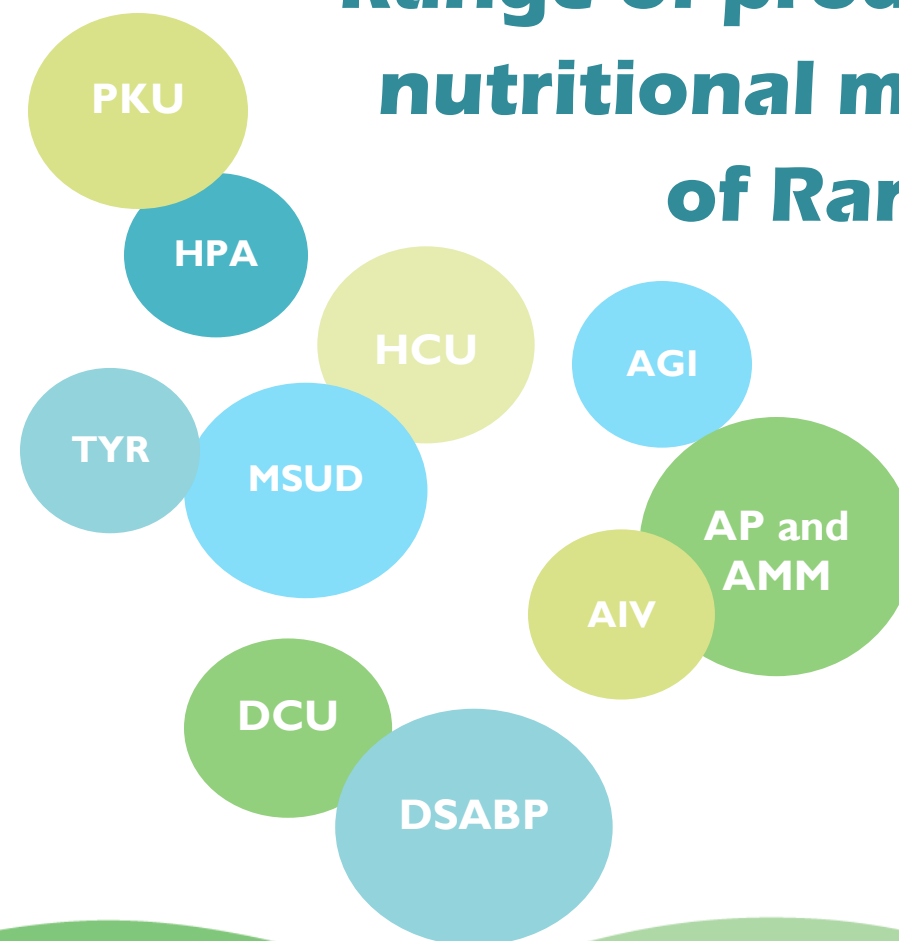
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Biodendrum is an independent company dedicated to sales and distribution of food for special medical purposes and orphan drugs for the treatment of rare metabolic diseases. These include Aminoacidopathies (e.g., Phenylketonuria and Maple Syrup Urine disease), Organic Acidurias, Urea Cycle Disorders and Inborn Errors of Primary Bile Acid Synthesis. Biodendrum was created in 2017 in Spain, having reached Portugal by the end of 2019. However, it already counts with a dedicated, focused and highly specialized team with more than 25 years of experience in research, development and management of solutions for the treatment of metabolic diseases.

*"Cure if possible, treat when possible, comfort always"*

## Range of products for the nutritional management of Rare Metabolic Diseases



INNOVATION  
EFFECTIVENESS  
QUALITY  
TRUST  
PROXIMITY  
DEDICATION



# Range of Products



Each metabolic disease has a specific associated packaging colour

## PHENYLKETONURIA (PKU) OR HYPERPHENYLALANINEMIA (HPA) ●

### Protein supplements free of Phenylalanine (Phe)

#### XPhe Infant Mix LCP

Powder. Up to 12 months.  
Neutral flavour.



#### XPhe Energy K (Neutral)

Powder - sachets. From 1 to 6 years of age. Neutral flavour.



#### XPhe JUMP (10 and 20 g PE)

Ready-to-drink formula. From 3 years of age. Flavours – neutral, cola, orange, tropical, vanilla and wild fruits.



#### XPhe minis

Tablets. From 7 years of age.



#### XPhe enjoy GMP (10 and 20 g PE)

Low content of Phe. Powder – sachets. From 3 years of age. Flavours – neutral, vanilla and chocolate.



#### XPhe smart A

Powder – tin or sachets (20 g PE). From 15 years of age. Flavours – neutral, lemon, wild fruits and vanilla.



## HOMOCYSTEINURIA (HCU) ●

### ZeroMet minis

Free of Methionine (Met). Tablets. From 3 years of age.



## TYROSINEMIA (TYR) ●

### Protein supplements free of Tyrosine (Tyr) and Phenylalanine (Phe)

#### ZeroTP minis

Tablets. From 3 years of age.



#### ZeroTP enjoy<sup>10</sup> GMP (10 g PE)

Low content of TYR and Phe. Powder – sachets. From 3 years of age. Neutral flavour.



## LEUCINOSIS (MSUD) ●

### Protein supplements free of Valine (Val), Isoleucine (I) and Leucine (Leu). Neutral flavour

#### ZeroVIL Infant Mix LCP

Powder. Up to 12 months.



#### ZeroVIL Kid

Powder. From 4 months to 6 years of age.



#### ZeroVIL Junior

Powder. From 7 to 14 years of age.



#### ZeroVIL Advance

Powder. From 15 years of age.



#### ZeroVIL minis

Tablets. From 3 years of age.



## PROPIONIC (AP) AND METHYLMALONIC (AMM) ACIDURIAS ●

### ZeroTVMI minis

Free of Threonine (T), Valine (Val), Methionine (Met) and Isoleucine (I). Tablets. From 3 years of age.



## GLUTARIC ACIDURIA TYPE I (AGI) ●

### ZeroLys minis

Free of Lysine (Lys), reduced in Tryptophan and enriched in Arginine. Tablets. From 3 years of age.



## ISOVALERIC ACIDURIA (AIV) ●

### ZeroLeu minis

Free of Leucine (Leu). Tablets. From 3 years of age.



## UREA CYCLE DISORDERS (DCU) ●

### PLUS8 minis ●

It contains all 8 essential amino acids. Tablets. From 3 years of age.



## PRIMARY BILE ACID SYNTHESIS DISORDERS (DSABP)

### Orphacol (cholic acid)

More info:

<https://www.ema.europa.eu/en/medicines/human/EPAR/orphacol>