





TREATMENT OF RARE METABOLIC DISEASES




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MISSION:

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

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"

MSUD

HCU

TYR

Minis

AGI

AP e
AMM

AIV

DCU

Range of products for the nutritional management of Rare Metabolic Diseases

- ✓ Highly concentrated protein supplements in tablets, without flavour or smell
- ✓ From 3 years of age, for teenagers and adults *
- ✓ Discreet, neutral, convenient, practical, efficient, flexible and quick to take. Ideal to takeaway

INNOVATION
EFFECTIVENESS
QUALITY
TRUST
PROXIMITY
DEDICATION

Range of products – Minis



Each metabolic disease has a specific associated packaging colour

XPhe minis, Zero minis and PLUS8 minis

PHENYLKETONURIA (PKU) OR HYPERPHENYLALANINEMIA (HPA)

LEUCINOSIS (MSUD)



XPhe minis
Free of Phenylalanine (Phe).



ZeroVIL minis
Free of Valine (Val), Isoleucine (I) and Leucine (Leu).

HOMOCYSTINURIA (HCU)

TYROSINEMIA (TYR)

ISOVALERIC ACIDURIA (AIV)

ZeroMet minis

Free of Methionine (Met).

ZeroTP minis

Free of Tyrosine (Tyr) and Phenylalanine (Phe).

ZeroLeu minis

Free of Leucine (Leu).



PROPIONIC (AP) AND METHYLMALONIC (AMM) ACIDURIAS

GLUTARIC ACIDURIA TYPE I (AGI)

UREA CYCLE DISORDERS (DCU)

ZeroTVMI minis

Free of Threonine (T), Valine (Val), Methionine (Met) and Isoleucine (I).

ZeroLys minis

Free of Lysine (Lys), reduced in Tryptophan and enriched in Arginine.

PLUS8 minis

It contains all 8 essential amino acids and L-Histidine.



Minis

Presentation and PE

AA formula in tablets.

XPhe minis – Box containing 30 sachets (each with 24 tablets \equiv 10 g PE)

Zero minis – Box containing 35 sachets (each with 12 tablets \equiv 5 g PE)

PLUS8 minis – Box containing 35 sachets (each with 14 tablets \equiv 5 g PE)

Age

From 3 years of age*

Preparation

Tablets ready to take with water or other suitable liquid

- ✓ **Practical** – no cooling necessary
- ✓ **Efficient** – high in protein and low in energy
- ✓ **Flexible** – wide choice of drinks suitable for intake
- ✓ **Quick to take** – easy application

- ✓ **Discreet** – almost no attention drawn to the dietary product
- ✓ **Neutral** – coated tablets, no taste, no smell
- ✓ **Convenient** – ready “to go”

Minis contain pure L-amino acids as protein source, vitamins, minerals and all essential micronutrients in adequate amounts

* With exception of XPhe minis, suitable only from 7 years of age, all other supplements are suitable from 3 years of age

Products available in your country may vary according to commercialization status