



FAQs: cGPMAX® for children with neurodevelopmental conditions

1) What is cGP?

cGP (or cyclic Glycine-Proline) is an essential nutrient for brain development and function. cGP is a molecule that is found internally in our bodies and its role is to normalise or regulate a hormone called Insulin-like Growth Factor-1 (IGF-1).

IGF-1 is neuroprotective and crucial for brain development and cognition. Insufficient IGF-1 levels have been implicated in several conditions, including neurodevelopmental disorders such as Rett and Pitt Hopkins Syndrome

The mechanism of cGP in regulating IGF-1 has been well-researched.

2) What are cGPMAX® supplements?

cGPMAX® supplements are the world's first and only products formulated to deliver a physiological serve of natural cGP that can replenish or boost the body's own levels.

Research shows that when taken orally, natural cGP is clinically proven to cross the blood brain barrier. It is absorbed easily across the digestive tract and has no reported side effects.

cGPMAX® supplements are natural and formulated from blackcurrant (fruit) powder and hydrolysed collagen. These food ingredients are naturally rich in cGP. Our proprietary manufacturing process concentrates and stabilizes cGP within the powder.

cGPMAX® supplements are standardised to deliver a daily serve of natural cGP. Our cGP levels are tested, and verified by an independent ISO accredited laboratory, ensuring consistency and purity.

3) Are all ingredients natural?

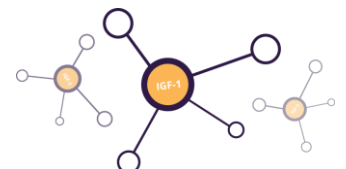
Yes. Our active ingredient, natural cGP, is made from New Zealand grown blackcurrants and collagen peptides (bovine source).

4) Are cGPMAX® products suitable for children?

cGP levels in children are normally optimal and most young ones do not require supplementation. However, a select group of children with specific developmental needs may benefit from cGP supplementation to support increased IGF-1 activity.

We have not completed any formal trials in children. However, due to the known mechanism of cGP and influence on IGF-1 activity parents of children with Rett Syndrome and Pitt Hopkins have been using cGPMAX® and have shared positive feedback.

cGPMAX® PRODUCTS ARE NATURAL SUPPLEMENTS AND ARE NOT INTENDED TO TREAT, CURE OR DIAGNOSE ANY DISEASE OR CONDITION. THIS INFORMATION IS PROVIDED FOR EDUCATIONAL PURPOSES ONLY





5) Which cGPMAX® products are suitable for Children.

We have two products available for children.

- a. **cGPMAX® Paediatric Support** - provides 20mcg cGP per capsule and is suitable for **children under the age of 5**.
- b. **cGPMAX® Pure** - provides 40mcg cGP per capsule and is designed for **children over the age of 5**.

6) Please tell us about the dosage.

As with all supplements, we recommend consulting your healthcare provider prior to and during supplementation. Unfortunately, we are not medical doctors and cannot give medical advice. As everyone has different levels of IGF-1 deficit, a person's need for cGP supplementation and subsequently, their responses may vary.

As a guide, you may wish to try the following dosing:

- a. **For children under the age of 5** - you may wish to start your child on half a **cGPMAX® Paediatric Support** capsule per day for one month, to ensure the product is tolerated. Half a capsule per day of cGPMAX® Paediatric Support provides 10mcg cGP daily. Once you are confident that the product is tolerated, you can increase the dose to 1 capsule per day (providing 20 mcg cGP).
- b. **For children over the age of 5** - take 1 **cGPMAX® Pure** capsule per day. This can be increased to 2 capsules per day or as prescribed by your healthcare provider.

We recommend that you take cGPMAX® for a minimum of 90 days. Remember everyone's levels are different, so some people take longer than others to feel the full benefits. Continue taking daily for ongoing support.

7) How is cGPMAX™ absorbed and excreted by the body?

The natural cGP in all cGPMAX® supplements is orally bioavailable in humans; meaning, it is easily absorbed through the digestive system, into the circulation, and available for uptake by the brain. The effective dose is low and within physiological concentrations. cGP is a small, lipophilic, and enzyme resistant molecule which allows it to be excreted via the urine.

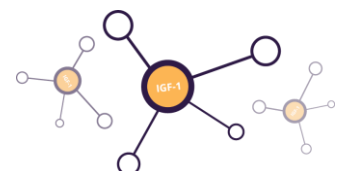
8) How does it work?

The key role of cGP is to support the balanced activity of IGF-1. IGF-1 promotes growth and development, particularly in the brain. In neurodevelopmental conditions, such as Rett Syndrome, IGF-1 activity is reduced due to gene mutations. These gene mutations can increase the production of IGFBP-3 proteins, which in turn reduces IGF-1 function. The natural cGP delivered in cGPMAX® products binds to IGFBP-3, thereby releasing IGF-1 to enable it to work as it should.

9) Was cGPMAX® developed as a natural alternative to Daybue for Rett syndrome?

No. cGPMAX® was originally developed for supporting brain function in the aged population.

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10) Have any studies been conducted on children?

No. We have not completed any formal trials in children using cGPMAX®

11) What other studies have been conducted on cGPMAX® and what were the results?

We have conducted several human observation studies in older populations with vascular diseases (stroke, cognitive impairment, and hypertension), a clinical study in Parkinson’s Disease, and an intervention study in patients with peripheral neuropathy caused by type 2 diabetes.

- Human observational studies demonstrated that people with more cGP in circulation have better memory. Increased levels of cGP are key to maintaining cognitive function in aged populations whereas the decreased levels of cGP with age is strongly associated with the onset of dementia.
- The clinical study in Parkinson’s patients showed that cGPMAX® is orally bioavailable and crosses the blood-brain barrier. This study also showed that taking cGPMAX® improved mood scores (anxiety and depression) in Parkinson’s patients.
- The outcome from type-2 diabetes the clinical study showed that cGPMAX® improves the recovery of peripheral neuropathy, improves blood sugar levels and blood pressure.

12) How is the supplement given? e.g. capsule, liquid?

cGPMAX® is available as a capsule – a hard shell with powder inside. The entire capsule is water soluble so can dissolve in water or you can open the capsule, empty the powder, and add it to food or drink. We have not had any feedback from our customers on gastric or nasal tubes so cannot comment.

13) Are there any known interactions with other medications or particular health issues?

No, so far, we do not have any knowledge or information about contraindications in children. However, we have feedback from parents who have reported positively on the product. We have no information on medical interactions in children, however, the clinical trials conducted on adults were with populations using other medications and reported no contra-indications.

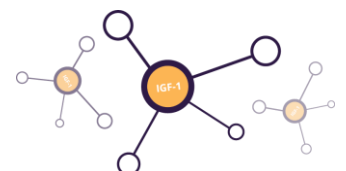
We also believe that as a natural nutrient made from everyday food sources, the interactions of cGP with other drugs would be minimal.

14) Are there any side effects?

So far, we have not recorded any side effects in adults.

15) What would happen if someone stopped taking the supplement?

We have not done any reviews on children. In adults, stopping cGPMAX® does not require a slow withdrawal.





16) Where can we buy it?

Orders can be placed at www.cgpmx.com and we ship globally.

17) What is the cost?

The cost of cGP MAX® Paediatric Support and cGP MAX® Pure is NZ\$69 (incl NZ tax) per bottle (30 capsules), however we have special offers available.

To trial the product at 30% off, purchase three bottles of cGP MAX® Paediatric Support or cGP MAX® Pure and enter the code [TRIAL-DD](#) at checkout. This discount can only be used once per customer.

To have 3 bottles of cGP MAX® delivered every 3 months, purchasing a subscription is an excellent choice and provides the best ongoing value.

When you purchase a subscription of cGP MAX® Paediatric Support or cGP MAX® Pure order enter [SUB-DD](#) at checkout for a further 5% discount off the normal price of a subscription. Using [SUB-DD](#) discount code provides 20% off the normal price of 3 bottles.

Please note international orders incur a freight charge, and duties are the responsibility of the purchaser.

18) Where can I find out more information?

You can access to all the detail on the development of natural cGP and the relevant scientific papers on www.cgp-health.com or you can email info@cgpmx.com to find out more.

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