

In The Name Of God



Introduction of the products

From RazanPharmed

Presented by:

Ebrahim Shamsi

As

Marketing supervisor

Esomraz®

Esomeprazole

10 and 5 mg sachets

OUR BELOVED ONSE
SHOULD NOT SUFFER.

The image shows a baby wearing a white onesie and a white knit hat with a purple bow, sleeping peacefully on a white surface. Next to the baby are two boxes of Esomraz sachets. The box on the left is for Esomraz 5 (Esomeprazole 5 mg) and the box on the right is for Esomraz 10 (Esomeprazole 10 mg). Both boxes are purple and white and contain 28 sachets. A single sachet is placed in front of each box, showing the product name and dosage. The sachets are white with purple and yellow text. The background is a soft, out-of-focus white surface.

ESOMRAZ

Esomraz®10- 5 mg sachets

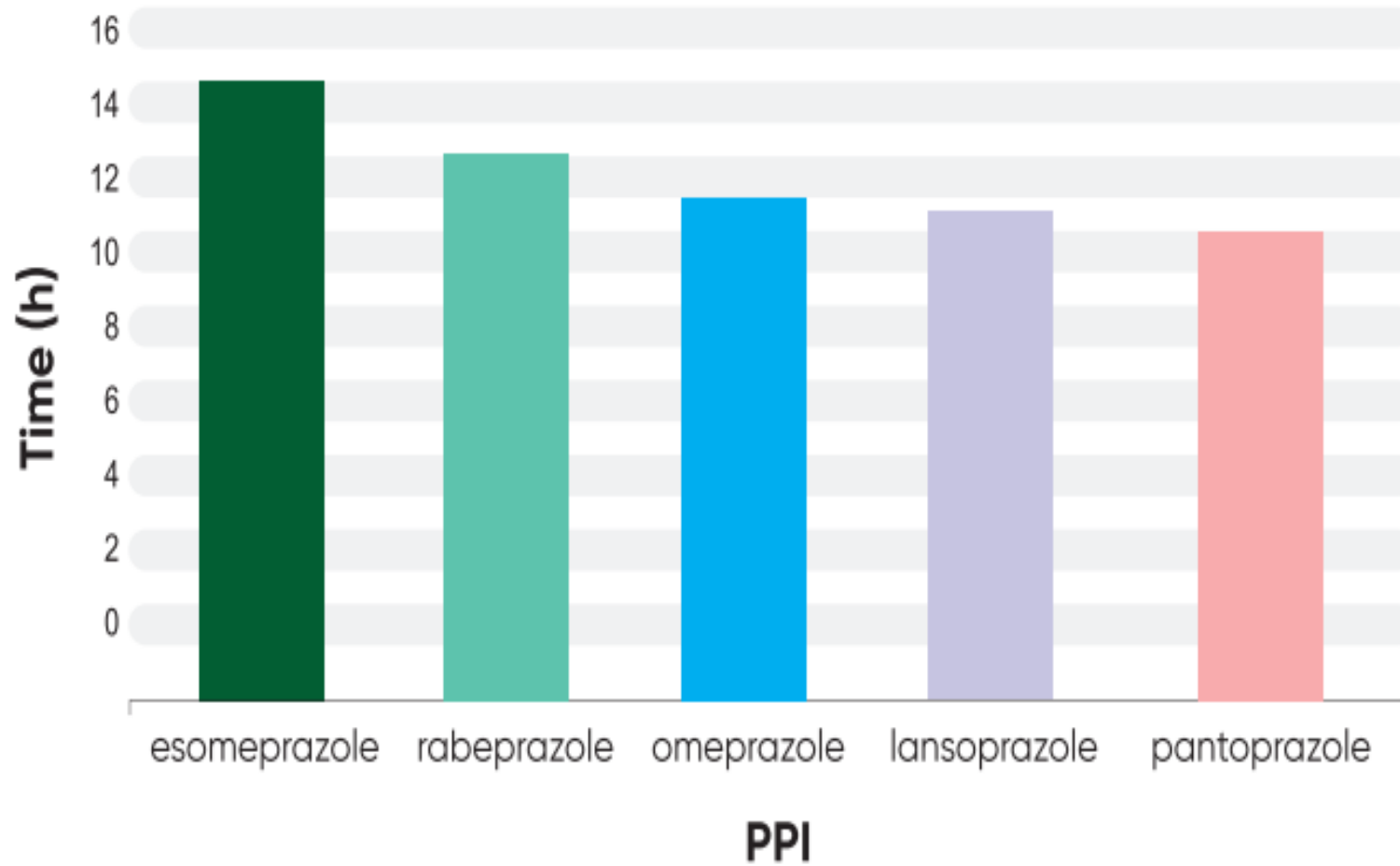
- Contains granules with delayed release of drug (opening in small intestine instead of stomach)
- As the first line of treatment for infants less than one year FDA approval in February 2001



Indications

- To treat Gastroesophageal reflux disease (GERD)
- To treat non-erosive reflux disease (NERD)
- To treat Peptic Ulcer Disease (PUD)
- To treat any other conditions associated with the overproduction of stomach acid such as the prevention of gastric ulcers in those on nonsteroidal anti-inflammatory drugs (NSAIDs)

COMPARED TO OTHER PPIs





Original contribution

Efficacy and safety of esomeprazole compared with omeprazole in GERD patients with erosive esophagitis: a randomized controlled trial

This study has been presented as a poster at Digestive Disease Week 2000.

Joel E. Richter M.D.^a, Peter J. Kahrilas M.D.^b, John Johanson M.D. (M.Sc.)^c, Paul Maton M.D.^d, Jeffrey R. Breiter M.D.^e, Clara Hwang M.S.^f,
Victoria Marino (B.S.M.T. (A.S.C.P.))^f, Bernard Hamelin M.D.^f, Jeffrey G. Levine M.D.^f,
Esomeprazole Study Investigators * Appendix

RESULTS:

Significantly more patients were healed with esomeprazole *versus* omeprazole at wk 8 (93.7% vs 84.2%, $p < 0.001$; life table estimates, intention-to-treat analysis). Healing rates at wk 4 were 81.7% and 68.7%, respectively. Esomeprazole was superior to omeprazole for all secondary measures and had a similar safety profile. The most common adverse events in both treatment groups were headache, diarrhea, and nausea.

CONCLUSIONS:

Esomeprazole demonstrates significantly greater efficacy than omeprazole in the treatment of GERD patients with erosive esophagitis. The tolerability and safety of esomeprazole are comparable to that of omeprazole.

Esomeprazole



Prescription and OTC

Esomeprazole is used to treat erosive esophagitis, heartburn and other symptoms associated with GERD, hypersecretory conditions such as Zollinger-Ellison syndrome, to reduce the risk of... [more](#)

More about [Esomeprazole](#)

Ratings & Reviews

Esomeprazole has an average rating of **6.0 out of 10** from a total of **277 ratings** on Drugs.com. **49%** of reviewers reported a positive effect, while **34%** reported a negative effect.

[View all 277 reviews](#)

Famotidine



Prescription and OTC

Famotidine is an acid-suppressing agent that may be used to treat a wide range of gastric-acid-related disorders including gastric ulcers, heartburn, and GERD. A headache is the most common side... [more](#)

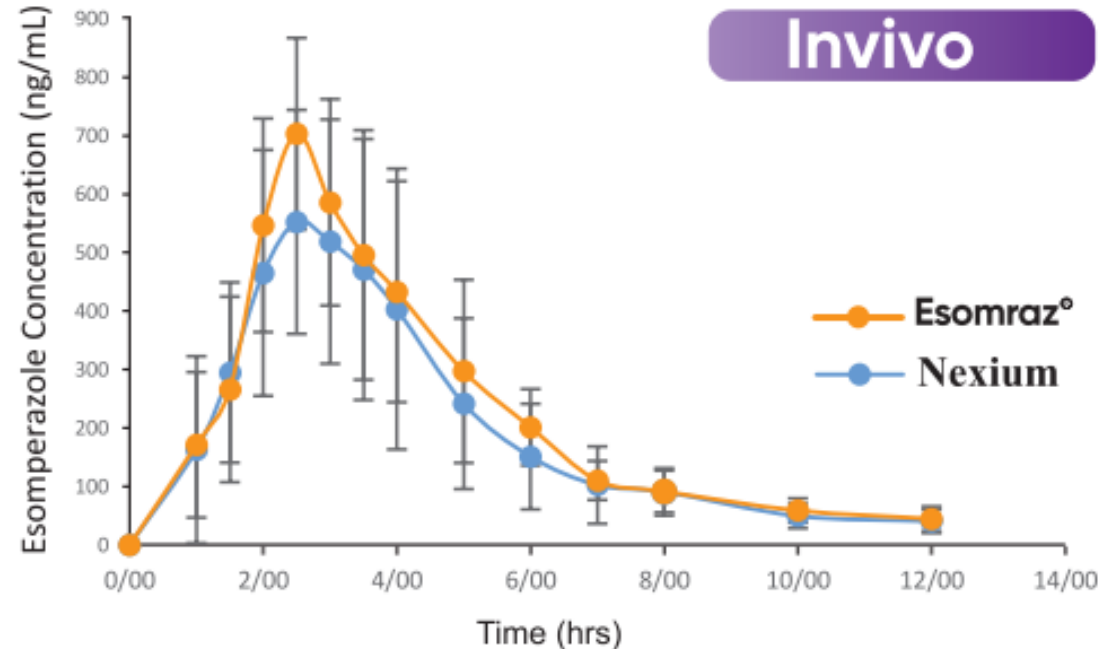
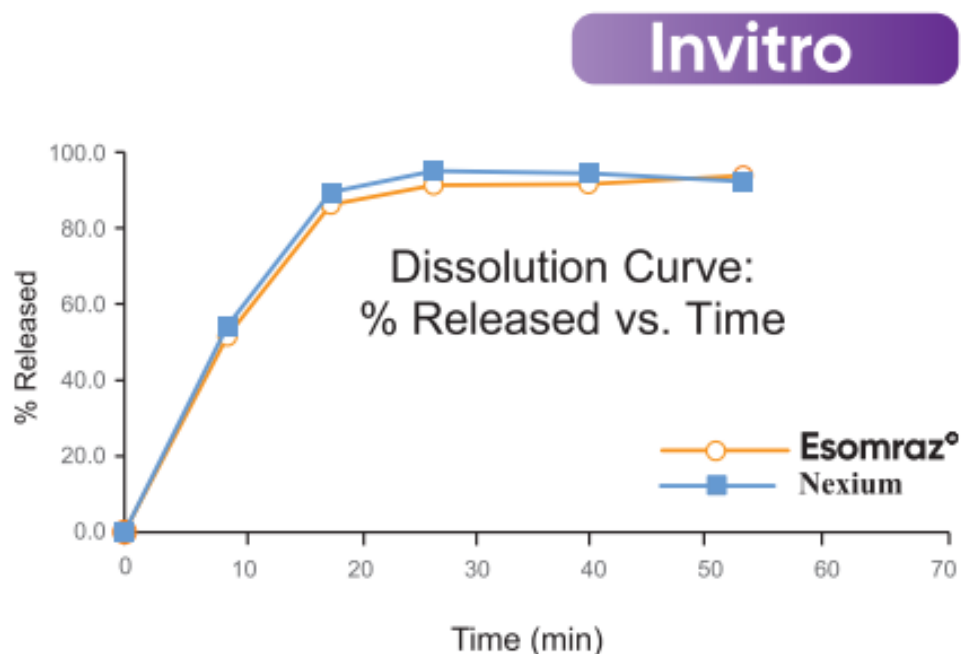
More about [Famotidine](#)

Famotidine has an average rating of **4.5 out of 10** from a total of **179 ratings** on Drugs.com. **34%** of reviewers reported a positive effect, while **56%** reported a negative effect.

[View all 179 reviews](#)

Comparison the results of invivo and invitro studies of Esomraz with Nexium

In the invivo and invitro test of Esomraz[®] with Nexium, the highest functional similarity was observed





Domtidon[®]

DOMTIDONE

Domperidone oral suspension

- stomach stimulant
- dopamine receptor environmental antagonist and antiemetic / nausea

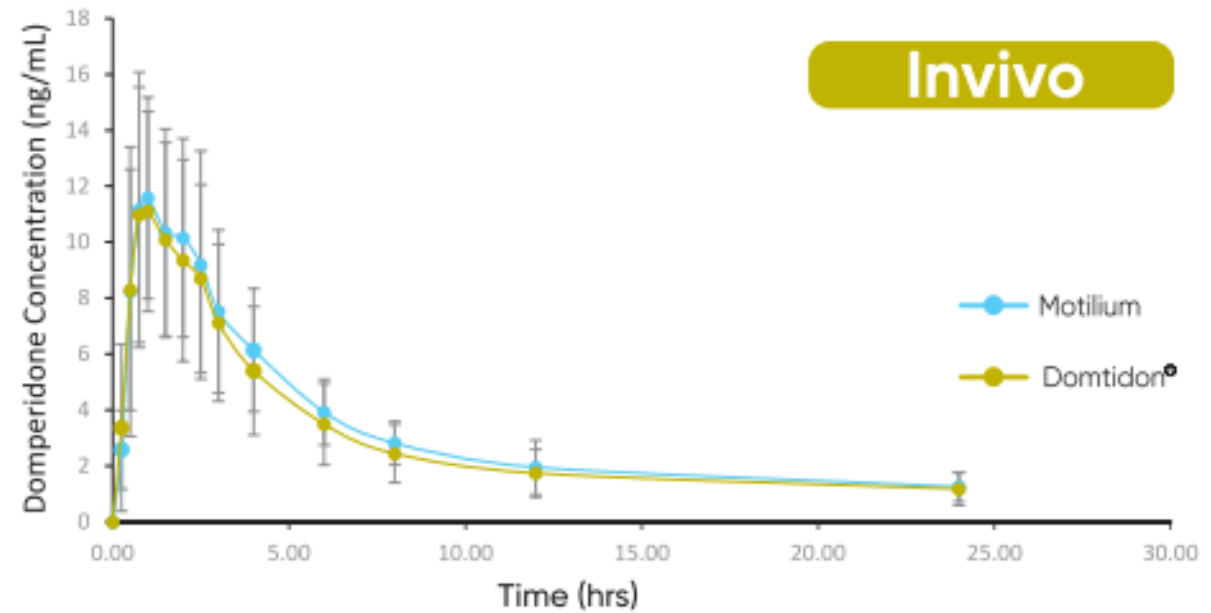
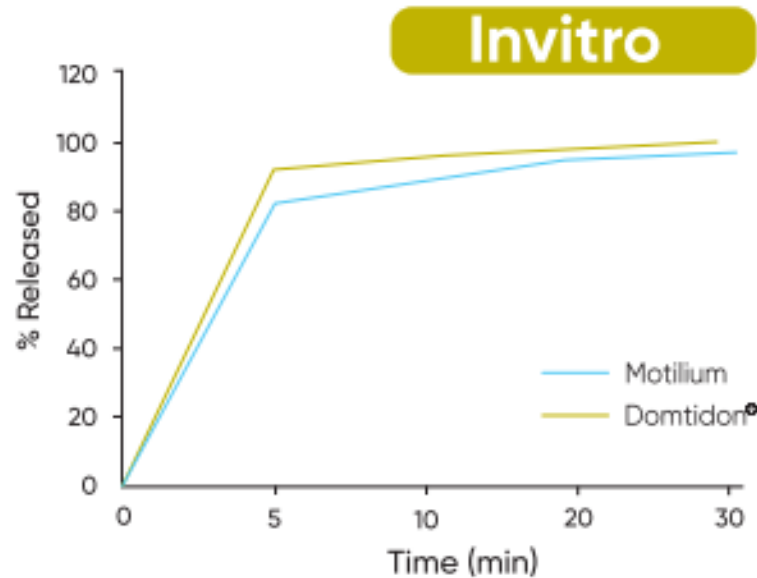
Indication:

- In the treatment of nonspecific nausea and vomiting in children
- As an adjunct therapy for gastroesophageal reflux disease (GERD) in children



Comparison the results of invivo and invitro studies of Domtidon® with Motilium

In the in vivo and in vitro test of Domtidon® with Motilium, the highest functional similarity was observed



Dr. Gil

Qualifol®

NO ARTIFICIAL COLORS
NO ARTIFICIAL FLAVORS
GLUTEN FREE

قطره کوالی فول
Qualifol

- 5-MTHF glucosamine salt is the 4th generation of folic acid
- More bioavailability than folic acid and 5-MTHF calcium salt

قطره کوالی فول
Qualifol®

2nd
generation
folate
(synthetic
folic acid)



FOLIC ACID
Supplements/
Fortified Foods

DHFR

Absorption

DHF
dihydrofolate

DHFR

THF
tetrahydro-
folate

5,10
methylene-THF

MTHFR

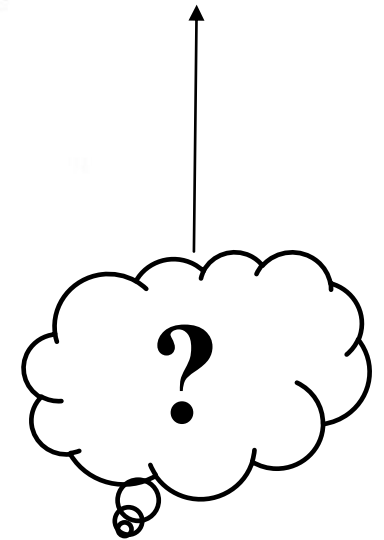
MTHFR C-T
Polymorphism

5-MTHF
(L-Methylfolate
active form)

The active form of folate

UMFA

Folic acid supplementation may lead to a build-up of Unmetabolized Folic Acid (UMFA) in systemic circulation with potential toxic effects.



UNMETABOLIZED FOLIC ACID

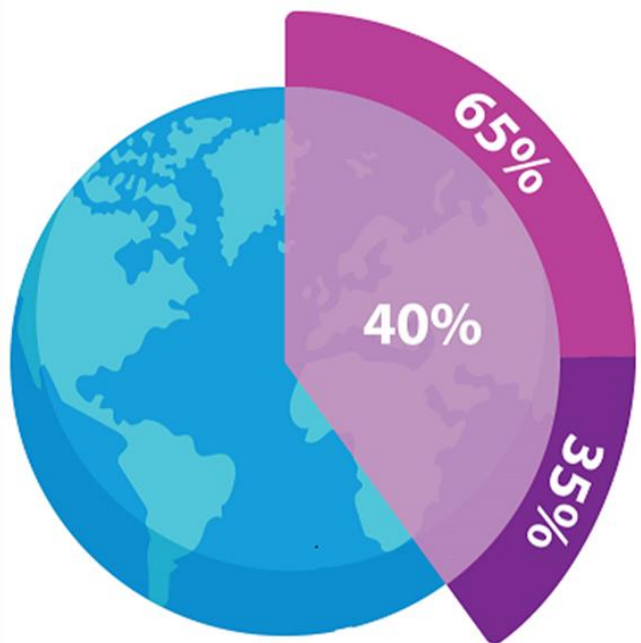
- Risk factor for Autism
- ADHD
- cancer risk

1. Josef E. at all on Meta-analysis of cancer risk in folic acid supplementation trials. cancer Epidemiology. 36 (2012) 78-81
2. Clovis Paniz at all a daily dose of 5mg folic acid for 90 days is associated with increased serum unmetabolized folic acid and reduced natural killer cell, PMC 2018
3. Darrell Wiens at all. On is high folic acid intake a risk factor for Autism? Brain Sci.2017

Review

Women Taking a Folic Acid Supplement in Countries with Mandatory Food Fortification Programs May Be Exceeding the Upper Tolerable Limit of Folic Acid: A Systematic Review

Carolyn Ledowsky ¹, Abela Mahimbo ¹, Vanessa Scarf ² and Amie Steel ^{1,*}



 Worldwide  MTHFR  Heterozygous  Homozygous

MTHFR polymorphism

The incidence of people presenting a form of polymorphism of MTHFR is about **40% worldwide**¹.

This polymorphism is associated with a reduced specific activity of MTHFR in vivo, resulting in a residual enzyme activity of:

-  **65% for heterozygous carriers** (A polymorphic MTHFR enzyme may function with approximately 55% to 70% efficiency as compared to normal MTHFR enzyme)
-  **35% for homozygous carriers** (Homozygous efficiency decreases to approximately 7% to 10 when compared to normal)².

 Worldwide  MTHFR  Heterozygous  Homozygous

Indications

- Treatment of folate deficiency
- Growth of premature infants
- Treatment of megaloblastic anemia and thalassemia
- Treatment of prolonged diarrhea and infection
- Low birth weight infants
- Treatment of malnutrition





National Institutes of Health

Table 1: Recommended Dietary Allowances (RDAs) for Folate [2]

Age	Male	Female	Pregnancy	Lactation
Birth to 6 months*	65 mcg DFE*	65 mcg DFE*		
7–12 months*	80 mcg DFE*	80 mcg DFE*		
1–3 years	150 mcg DFE	150 mcg DFE		
4–8 years	200 mcg DFE	200 mcg DFE		
9–13 years	300 mcg DFE	300 mcg DFE		
14–18 years	400 mcg DFE	400 mcg DFE	600 mcg DFE	500 mcg DFE
19+ years	400 mcg DFE	400 mcg DFE	600 mcg DFE	500 mcg DFE

Category Folate	(folate) Recommended Dietary Allowance (RDA)	Amount in ml and drops
0-6 months	65 micrograms/day	1 ml or 20 drop
7-12 months	80 micrograms/day	1.2 ml or 25 drop
1-3 years	150 micrograms/day	2.3 ml or 50 drop
4-8 years	200 micrograms/day	3 ml or 60 drop

Supplement Facts

Serving Size: 1 ml

30 ml

Ingredient

Amount Per Serving

Folate as 5-Methyltetrahydrofolate, glucosamine salt 120 mcg
Active folate 65 mcg per ml



Pack of 60 pieces

Supplement Facts

Serving Size: 1 Tablet

Amount Per Serving

%Daily Value for Adults

1200 mcg 5-Methyltetrahydrofolate (as glucosamine salt) equates to 600 mcg Active Folate	% 150
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*RDA: Recommended Daily Allowance.

The code of the electronic version is
82085

قیمت 30 میلی 115000

Why qualifol?

- Active form of folate
- Fourth generation
- Raw material from Italy
- FDA approved
- Coated tablet
- Standard dosage
- Economical price
- Gluten free

code 84489



قیمت 30 116000

عددی



code 85722

قیمت 60 223000

عددی



code 82085



L-ARGININE

- L-arginine help to growth hormone (GH) reserve
- L-arginine is a potent stimulator of GH secretion
- Stimulates the release of insulin into the body.
- Human GH can accelerate linear growth of long bones and improve final height.
- L-arginine like other amino acids, plays a role in building protein
- Releases nitric oxide into the blood (Nitric oxide acts to widen blood vessels in the bloodstream).

Growing evidence supports that nitric oxide (NO) is a major regulatory signal involved in the hypothalamus-pituitary effects of L-arginine.

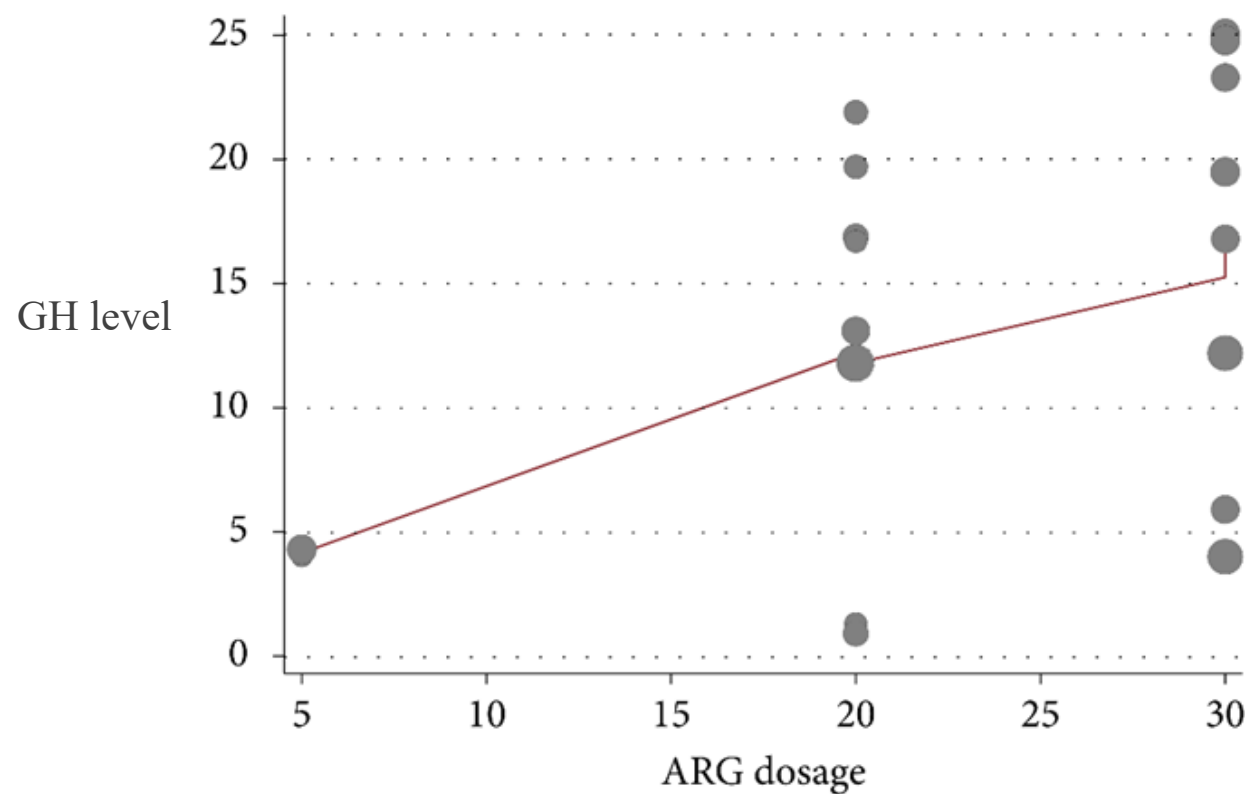
Review Article | Open Access

Volume 2022 | Article ID 8739289 | <https://doi.org/10.1155/2022/8739289>

[Show citation](#)

Growth Hormone Response to L-Arginine Alone and Combined with Different Doses of Growth Hormone-Releasing Hormone: A Systematic Review and Meta-Analysis

META-ANALYSIS



Scatter plot of Arg dosage vs. mean difference of posttreatment GH level from baseline.

BENEFIT OF VITAMIN K2 AND A

Vitamin K2 supports the maintenance of strong bones, improves bone density and decreases the risk of fractures.

Collagen accumulation in osteoblastic cells was enhanced by vitamin K2 treatment. Their results suggest a new function for vitamin K2 in bone formation as a transcriptional regulator of extracellular matrix-related genes involved in the collagen assembly.

RELATIONSHIP OF SELENIUM AND IODINE

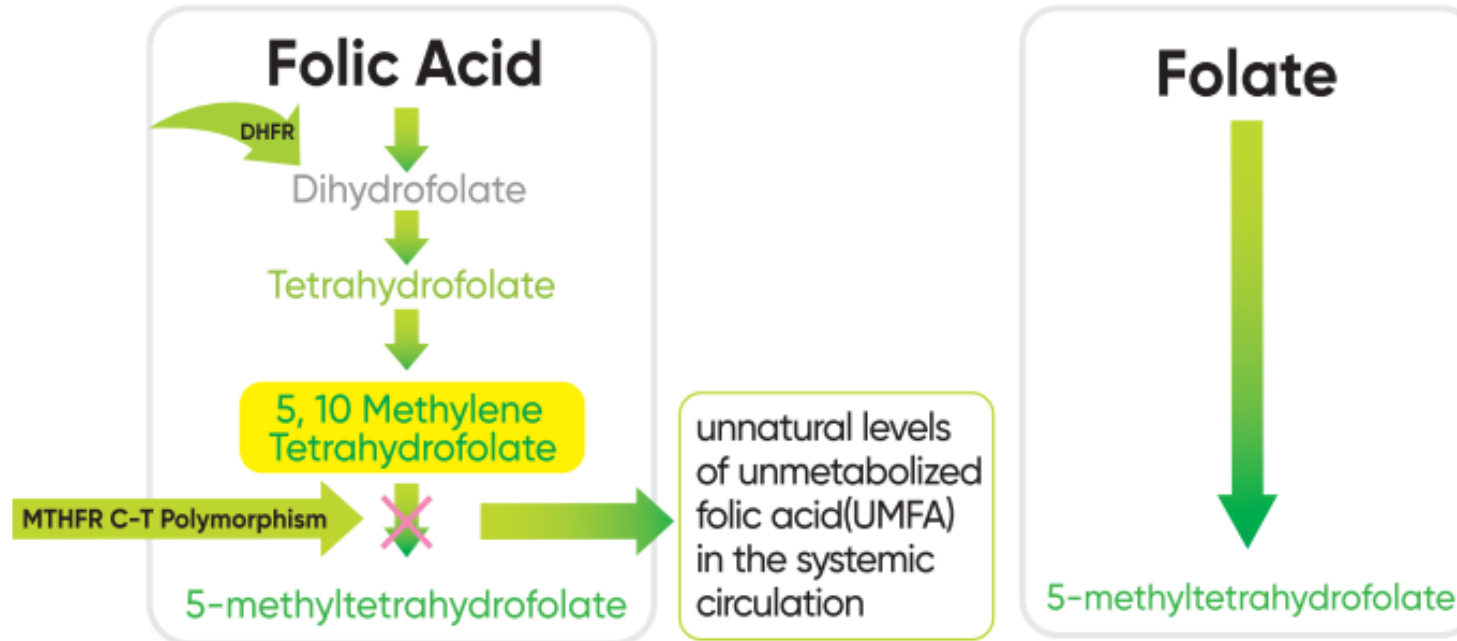
Selenium is a mineral that is essential for health. It supports a range of body functions, including cardiovascular, immune, and cognitive functions. Selenium has both antioxidant and anti-inflammatory properties.

Iodine helps make thyroid hormones, which help keep cells and the metabolic rate healthy also many other important functions.

Selenium and iodine have a **synergistic relationship** that is especially important for a healthy thyroid.

Iodine is a component of thyroid hormone, and selenium as a selenoprotein helps to **convert the thyroid hormone into its active form.**

vitamin D, folate and zinc have a role in the process of cell division. Zinc and folate also supports normal DNA synthesis.

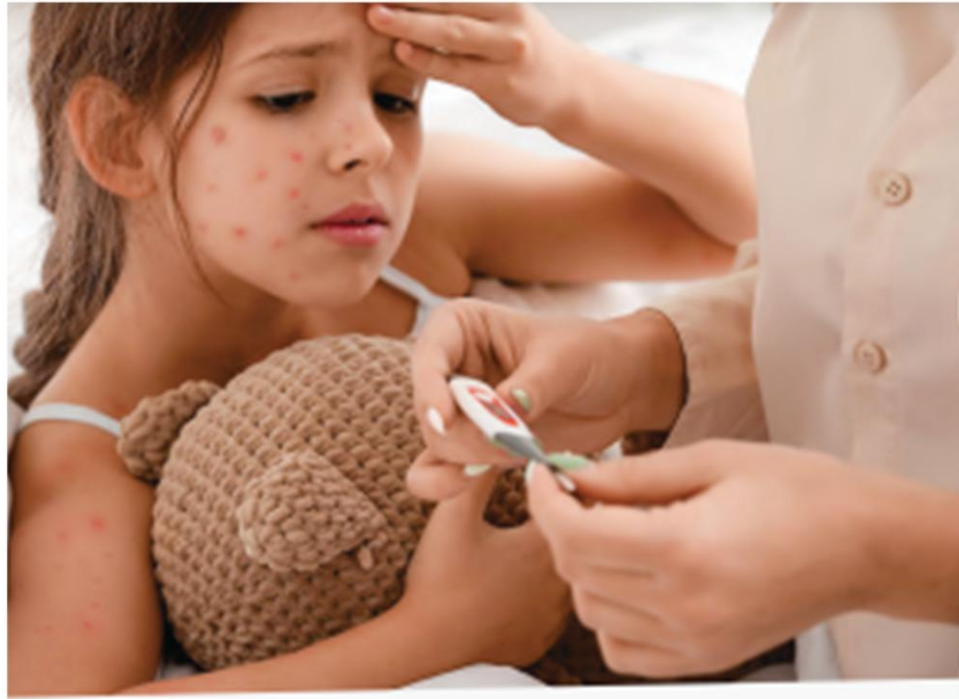


DOSAGE

Children between 6-12 years old should use one tablet daily and children over 12 years old should use 2 tablets daily.

Supplement Facts Serving Size: 2 Tablets

Ingredient	Amount Per Serving Size	
Arginine	500	mg
Folate (methyltetrahydrofolate glucosamine)	160	mcg
Vitamin K2	40	mcg
Selenium	30	mcg
Vitamin B6	0.7	mg
Vitamin B12	0.9	mcg
Vitamin B5	3	mg
Vitamin A	1900	IU
Vitamin C	30	mg
Iodine	120	mcg
Zinc (zinc oxide)	8	mg
Calcium (calcium carbonate)	250	mg
Vitamin D3	600	IU



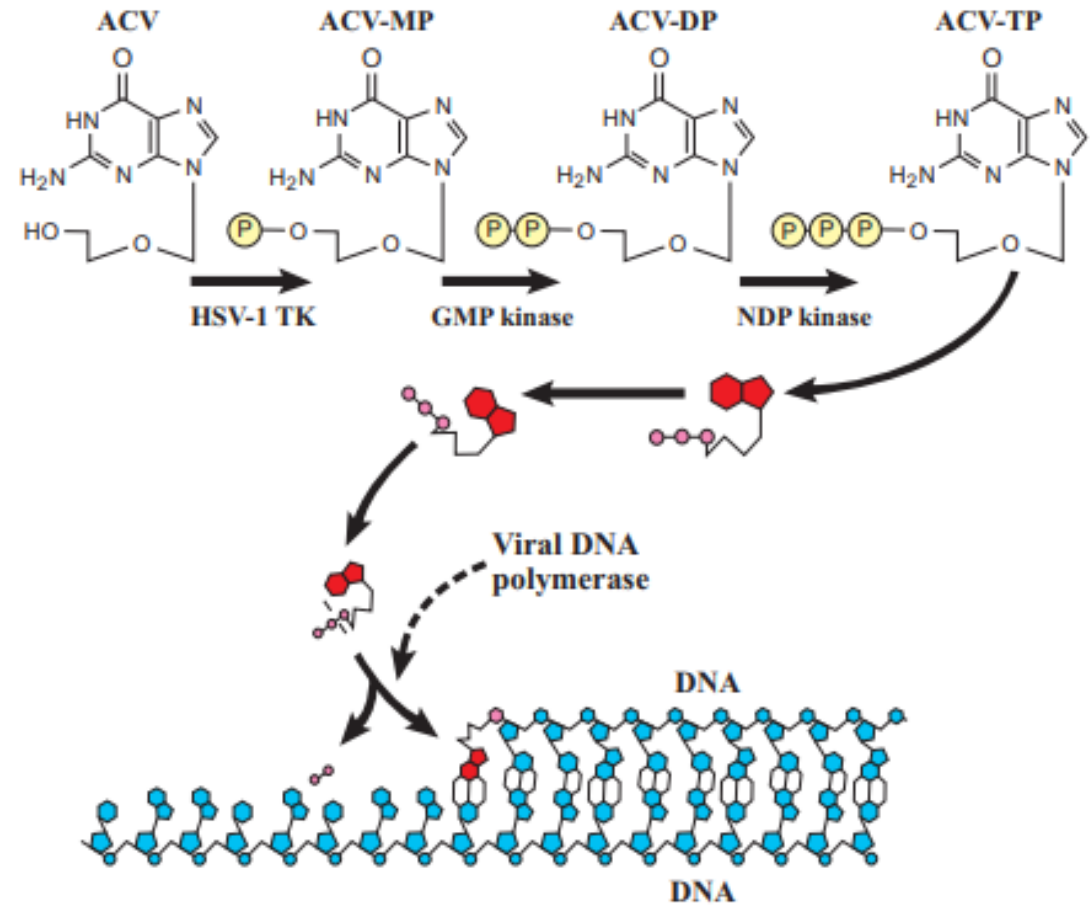
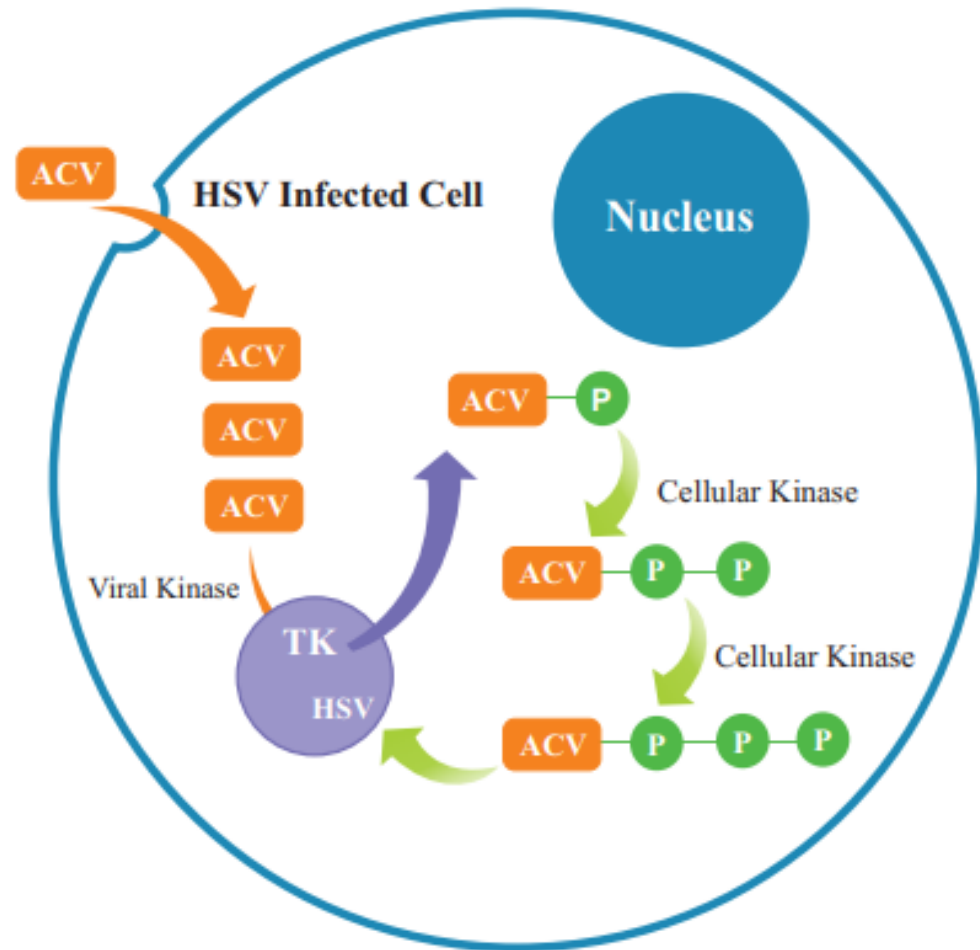
Clovyraz®

ACYCLOVIR ORAL SUSPENSION DESCRIPTION

Acyclovir is a synthetic nucleoside analogue active against herpesviruses.

Acyclovir is used to treat infections caused by certain types of viruses:

- **Cold sores** around the mouth (caused by herpes simplex),
- **Shingles** (caused by herpes zoster)
- **Chickenpox**
- This medication is also used to treat outbreaks of **genital** herpes.



Electronic code: 71441

Price: 182000



Electronic code: 68928

Price: 196000



Electronic code: 84489

Price: 115000



Electronic code: 87404

Price: 217000

Electronic code: 69573

Price: 75000

