Fefol Gyne®

ففول، مکمل زندگی

خانواده ففول، مکمل خانواده شماست



Fefol® Family

Innovation in Health, Commitment to Quality



Fefol Gyne®

Product Introduction

Fefol Gyne
is an advanced nutritional supplement designed to address deficiencies in iron, folic acid, vitamin B12, and other essential nutrients. This product utilizes iron in the form of ferrous bisglycinate (Ferrochel), which has higher absorption and fewer gastrointestinal side effects than iron sulfate, effectively restoring hemoglobin levels and iron stores.

Key Product Features:

- Treats iron deficiency anemia
- Prevents vitamin B12 deficiency anemia
- Aids in better absorption and storage of iron in the body
- Suitable for pre–surgical use
- Suitable for individuals with severe anemia
- Suitable for women with heavy menstrual bleeding
- No gastrointestinal side effects such as constipation, metallic taste, bloating, or stomach pain commonly associated with iron supplements
- Helps reduce depression during pregnancy
- Enhances folate absorption
- Prevents blood disorders and neural tube defects in the fetus
- Reduces fatigue and weakness

Competitive Advantages:

- Slow release
- Enteric coated
- The Quatrefolic and folic acid synergy ensures maximum bioavailability, ideal for folate–deficient patients.
- Contains synergistic compounds to improve the absorption of vitamins and other nutrients
- Granular formulation
- Suitable for pregnant women, especially during the second trimester of pregnancy
- No interference with food or gastric acid

Ingredients and Special Benefits:

1. Iron as Ferrous Bisglycinate

- Approximately 70% more absorbed compared to other forms of iron
- Highly effective in increasing ferritin levels.
- Significant impact on raising hemoglobin levels, especially during pregnancy, particularly in the second trimester.
- Ferrous bisglycinate normalizes hemoglobin levels more quickly and effectively than ferrous sulfate.
- It offers exceptionally high bioavailability, with absorption up to 3.7 times higher than ferrous sulfate.
- In ferrous bisglycinate, iron is strongly bound to two glycine amino acids. This strong bond makes the iron more resistant to factors that typically inhibit its absorption
  (such as phytates, fibers,or other metals).
- Reduces the need for high doses of iron supplements.
- A gentle and well–tolerated form for the digestive system.

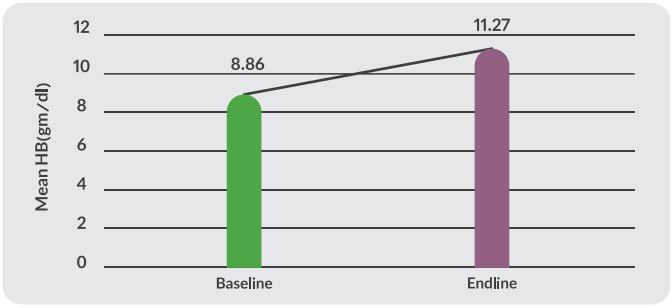


Chart of Changes in Average Hemoglobin Concentration in Pregnant Women After 58 Days of Supplementation with Ferrous Bisglycinate (Comparison of Hemoglobin Levels at the Start and End of the Study)

Table 2. Comparison between hematological indices in the study groups at baseline visit and at 8 weeks after treatment.

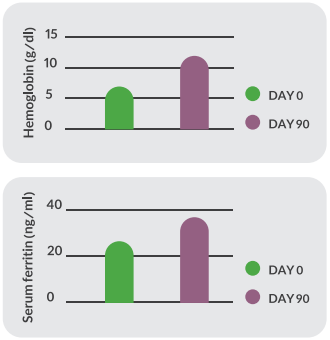
	Group I (ferrous bis–glycinate) n = 93			Group II (ferrous glycine sulfate) n = 94			interGroup comparisons p–value	
Hematological indices	Baseline	After 8 weeks	p–value	Baseline	After 8 weeks	p–value	Baseline	After 8 weeks
HB (d/dL)	9.15 ± 0.61	11.63 ± 0.73	.001*	9.26 ±0.64	10.58 ± 0.82	.001*	.22	.000*
Hematocrit (%)	31.76 ± 2.06	36.26 ± 1.75	.001*	31.90 ± 2.31	34.43 ± 2.36	.001*	.65	.005*
MCV (fl)	78.06 ± 2.56	81.66 ± 2.64	.001*	77.68 ± 2.25	79.54 ± 2.85	.001*	.27	.000*
MCHC (d/dL)	28.46 ± 1.76	32.95 ± 1.62	.001*	28.53 ± 1.73	30.96 ± 1.89	.001*	.78	.000*
TIBC (µg/dL)	384.4 ± 53.22	269.2 ± 39.98	.001*	368.60 ± 52.8	316.60 ± 34.4	.001*	.06	.000*
Ferritin (µg/L)	11.09 ± 2.97	30.2 ± 4.54	.001*	11.20 ± 3.31	24.9 ± 4.48	.001*	.12	.000*

Table2.Chart Comparing Hematological Indices Between Ferrous Bisglycinate and Ferrous Glycine Sulfate

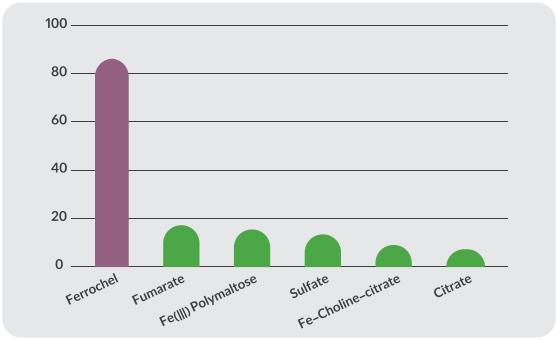
Table 3. Comparison between the adverse effects of both study medications.

	Group I (ferrous bis–glycinate) n = 93		Group II (ferrous glycine sulfate) n = 94		p–value
Adverse effects	N	%	N	%	
Constipation	12	12.9	27	28.7	
Nausea / vomiting	2	2.1	5	5.3	
Abdominal colic	3	3.2	3	3.2	
Diarrhea	2	2.1	3	3.2	.001*
Metallic taste in the mouth	1	1.1	1	1.1	
Black staining of the stool	1	1.1	1	1.1	
No adverse effects[a]	81	87.1	66	70.2	

Table3.Table Comparing the Side Effects of Ferrous Bisglycinate and Ferrous Glycine Sulfate in Study Participants (Clinical Study)



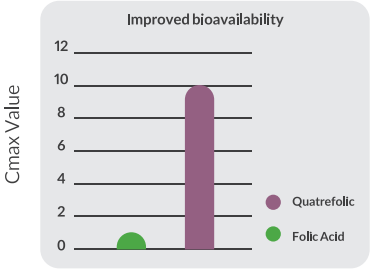
Evaluation of Changes in Serum Hemoglobin and Ferritin Levels Over Three Months After Supplementation with Ferrous Bisglycinate

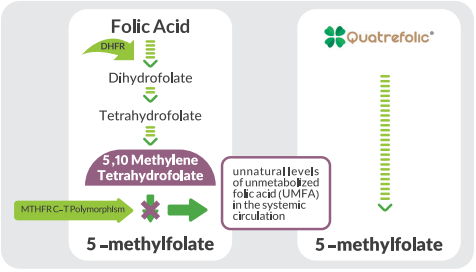


The relevant chart shows the relative absorption of different iron compounds, with the difference in absorption of Ferrochel (ferrous bisglycinate) compared to other forms of iron clearly visible.

2.Quatrefolic

- Easily absorbed by the body and does not require conversion to the active form.
- Effective for individuals with MTHFR genetic mutations or absorption issues with folic acid.
- Higher absorption and efficacy than folic acid.
- Plays a vital role in the development of the fetal nervous system.



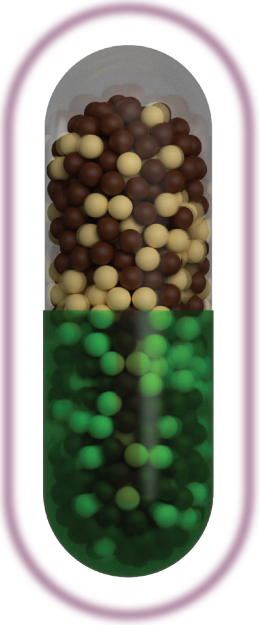


3.Unique Vitamin Combination

The combination of vitamins B6, B12, and C in Fefol Gyne not only improves iron absorption but also contributes to hemoglobin production, boosts the immune system, and alleviates symptoms of anemia, such as fatigue and weakness. These vitamins are essential for erythropoiesis and the function of red blood cells

Indications:

- Athletes
- Suitable for individuals with prolonged bleeding or iron absorption disorders
- Moderate to severe iron and folic acid deficiency
- Pre– and post–surgery
- Individuals with gastrointestinal and intestinal diseases
- Pregnant women
- Heavy menstrual bleeding



Supplement Facts

Serving Size: 1 capsule
Servings Per Container: 30

	Amount Per Serving	% Daily Value
Iron as Ferrous Bisglycinate (Ferrochel®)	80 mg	444%
Vit B6	2 mg	100%
Vit B12	30 mg	500%
Folic Acid	800 mcg	200%
Folate (Quatrefolic®)	200 mcg	50%
Vit C	120 mg	200%

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Fefol Plus®
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Fefol Pregnancy®
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Fefol GYNE®
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