



Quatrefolic®

Online

Day by day, Quatrefolic® is achieving great successes all over the world, from USA to Europe and Asia: the scientific world is realizing that the active form of folate is effectively the best form to overstep the copious issues derived from the use of folic acid, as genetic variations of MTHFR, the masking of vitamin B12, the accumulation of UMFA in the blood.

1st issue 2017

In the latest years, the nutraceutical industry has greatly evolved: according to the recent surveys, more than 70% of U.S. adults take dietary supplements to improve their health, with the highest percentage of supplement use in the elderly, constantly growing.¹

Our goal is to provide them the best product to satisfy people who are looking for a natural, bioavailable, safe and really effective ingredient to get the best supplement.

Silvia Pisoni
Marketing Manager



Pills



Quatrefolic® at the Integrative Healthcare Symposium (IHS)

Quatrefolic®, together with Gnosis' best ingredients, showcased at the Integrative Healthcare Symposium, the annual key conference on nutrition held in New York where multi-disciplinary practitioners come together to connect, learn and collaborate.



The power of the Body of Knowledge of Quatrefolic®

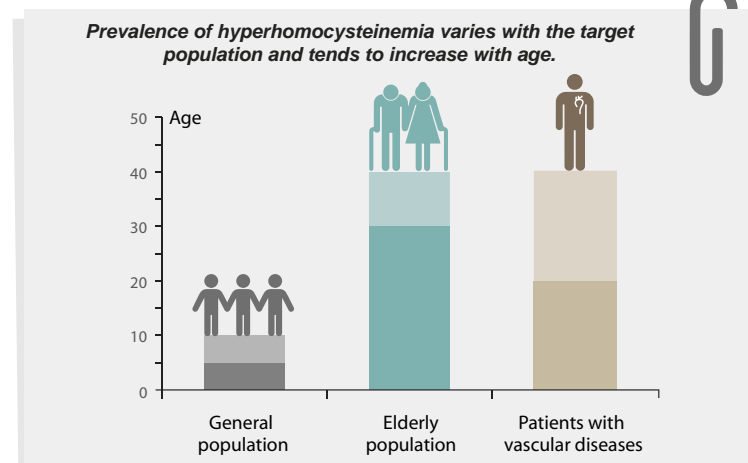
Quatrefolic® is characterized by a structured Body of Knowledge and strong Intellectual Property Rights, which the tradename is the expression of a tangible benefit for manufacturers that are able to claim exclusive ingredient on the label through identity and "trade origin" recognition of the really bioactive folate.

The IP guarantees protection from (unfair) competition and possible infringement of existing patents while the distinctive mark allows consumers to identify the product and link it to expected quality.

Homocysteine, one of the recognized marker of health

Elevated plasma homocysteine is an important predictor of age related diseases. It is widely accepted as an independent risk factor for coronary, cerebral and peripheral vascular diseases and is associated with alterations in mental health such as cognitive impairment, dementia and depression.²

Folate deficiency is one of the main cause, of hyperhomocysteinemia; among other causes, there are genetic and environmental factors, renal pathologies and specific conditions such as pregnancies, menopause, oral contraceptive pharmacological therapies.³



Supplementation of folate, such as Quatrefolic®, has demonstrated to lower the buildup of homocysteine and to be an effective contribution to health, even in presence of other risk factors. Moreover, Quatrefolic® may be also a valid nutritional support for people with alterations in the metabolism of folate and, consequently, of homocysteine.⁴

References:
 1. Ipsos Public Affairs on behalf of the Council for Responsible Nutrition (CRN) 2016. (<https://www.crnusa.org/newsroom/supplement-use-among-younger-adult-generations-contributes-boost-overall-usage-2016-more>)
 2. Selhub J, Jacques PF, Wilson PWF, et al. JAMA 1993
 3. Refsum et al. Annu Rev Med., 1998
 4. Mazza et al. J Biol Regul Homeost Agents, 2016

New Gnosis Tool
www.mythocondro.com



Let's know more about Quatrefolic® joining the

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Orlando World Center Marriot, USA
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Shanghai New Int'l Expo Centre (SNIEC), Shanghai, CHINA
June 20 - 22, 2017
Visit us at booth # E7E05

Causes of Folate deficiency in older individuals⁷

Quatrefolic[®] and Depression in the Elderly

Over the past decades numerous studies have shown a high incidence of folate deficiency correlated with mental symptoms, especially depression and cognitive decline in epileptic, neurological, psychiatric, geriatric, and psychogeriatric populations. Furthermore, recent studies in elderly people suggest a link between folate, homocysteine, ageing, depression, and dementia, including Alzheimer's disease and vascular disease.^{5,6}

One reason for the apparently high incidence of folate deficiency in elderly people is that folate concentrations in serum and cerebrospinal fluid fall and plasma homocysteine rises with age, perhaps contributing to the ageing process.

In 2000, Bottiglieri et al. suggested that depressed individuals with folate deficiency and hyperhomocysteinemia might be more prone to have impairments in brain methylation reactions and neurotransmitters metabolism.⁸

Depression symptoms are: feelings of worthlessness or guilt, diminished ability to concentrate or make decisions, fatigue, psychomotor agitation or retardation, insomnia or hypersomnia, significant decrease or increase in weight or appetite, and recurrent thoughts of death or suicidal ideation.

In depressed elderly people, supplementation of 5-methyltetrahydrofolate, such as Quatrefolic[®], is suggested to guarantee the right dosage of biologically active folate and to efficiently support methylation, neurotransmitters production, and nervous system function.

In fact Quatrefolic[®] is the glucosamine salt of biologically active folate 5-methylfolate or methyltetrahydrofolate, that can reach the systemic circulation and cross the blood-brain barrier straight to the brain cells, for direct utilization in the folate cycle. Synthetic folic acid and dietary folate cannot cross the blood-brain barrier.⁹

References:

5. Bottiglieri et al., New York: Marcel Dekker, 1995
6. Reynolds EH. J Neurol Neurosurg Psychiatry, 2002
7. Araujo et al., Ageing Res Rev, 2015
8. Bottiglieri et al., J Neurol Neurosurg Psychiatry, 2000
9. Fava & Mischoloun J Clin Psychiatry, 2009



Polymorphisms

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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For more information contact:
marketing@gnosis-bio.com

Gnosis S.p.A
Via Laboratori Autobianchi, 1
20832 Desio (MB) Italy

Gnosis USA Inc.
4259 West Swamp Road,
3rd Floor Suite 305
Doylestown, Pennsylvania 18902



advanced biotech
www.gnosis-bio.com