

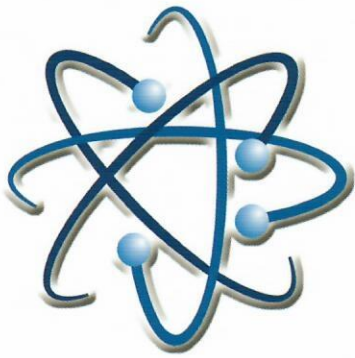


Gynaecology

products for use in gynaecological practice



catalysis



catalysis

Committed to Health

Catalysis, S.L. was born as a private and independent company that dedicates its efforts to research and the development of products in the pharmaceutical, cosmetic, and dietary fields.

OUR MAIN ACTIVITY IS RESEARCH



A team of scientists works at the search of new remedies to relieve the suffering caused by widespread diseases such as psoriasis, diabetes, asthma, osteoporosis, arthritis, genital and oral herpes, immunodepression (AIDS), cancer, tuberculosis, hepatitis, etc.

The aim of our research is to discover treatments without the use of aggressive medicines that, all too often, produce terrible side effects.

Our products are harmless and based on the latest discoveries of the beneficial effects that ANTIOXIDANTS have on FREE RADICALS in our organism as well as on the stimulation of the body's immune system.

Manufactured by pharmaceutical laboratories equipped with the most advanced technologies, our products undergo the most rigorous controls that the European Union imposes by law on all the manufacturers of pharmaceutical, cosmetic, and dietary products that operate within its frontiers.

DISTRIBUTION THROUGHOUT THE WORLD

• Europe

Albania, Belarus, Croatia, Cyprus, Czech Republic, Estonia, France, Hungary, Latvia, Lithuania, Moldavia, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Turkey, United Kingdom, and Ukraine.

• America

Argentina, Bolivia, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, USA, and Venezuela.

• Africa

Algeria, Botswana, Egypt, Ghana, Ivory Coast, Kenya, Lesotho, Malawi, Nigeria, Sierra Leone, South Africa, and Tanzania.

• Middle East

Bahrain, Jordan, Kuwait, Lebanon, Qatar, Saudi Arabia, and United Arab Emirates (U.A.E.).

• Asia

Armenia, Azerbaijan, Bangladesh, China, Georgia, Indonesia, Japan, Kazakhstan, Kyrgyzstan, Malaysia, South Korea, Taiwan, Thailand, Turkmenistan, Uzbekistan, and Vietnam.



Our secret?

Molecular activation



The biocatalytic process of **MOLECULAR ACTIVATION** considerably improves the biological activity and the biochemical reactivity of all antioxidant molecules.

This method of **MOLECULAR ACTIVATION** is much more effective when applied to a far wider range of hydrosoluble and liposoluble molecules.

We know the answer to this **ACTIVATION** in numerous antioxidants of all kinds and also the mechanism by which the accumulated electrons are able to reduce the free radicals of oxidant molecules.

In this mechanism, we have observed greater synergy between some antioxidants used that are sometimes capable of considerably increasing their overall antioxidant capacity.

Many factors can influence the **ACTIVATION** of all antioxidants.

Amongst the most important chemical factors are the molecular structure, the active functional groups, specific antioxidant catalysts, the molecular weight, the pH, double carbon bonds, their solubility coefficient, etc., as well as the antioxidant capacity of each molecule.

The duration and the intensity of **MOLECULAR ACTIVATION** are amongst the most influential and important physical factors.

Not all antioxidants require the same **ACTIVATION** time to reach their maximum antioxidant capacity. The most important parameter for the control of better performance is their optimization. Once their highest antioxidant capacity is at its most favourable peak, **ACTIVATION** must be suspended because, after that maximum peak, their antioxidant capacity normally starts to diminish gradually or quickly.

When there is a mixture of two or more antioxidants, the optimal **ACTIVATION** time is previously calculated for each preparation separately, and this fixed parameter is always respected.

Bioassay on rabbit cornea

Vilas P. et al. (1989): Antiviral activity of a D-glucosamine derivat against herpetic ulcers (HSV type 2) in rabbit cornea. *Acta ophthalmologica* 67:55-60.



Control of HSV-2 virus
with non-activated glucosamine
4 days after viral infection



Control of HSV-2 virus
with non-activated glucosamine
14 days after viral infection



Treatment of HSV-2 virus
with activated glucosamine
4 days after viral infection



Treatment of HSV-2 virus
with activated glucosamine
14 days after viral infection



Treatment of HSV-2 virus
with acyclovir
4 days after viral infection



Treatment of HSV-2 virus
with acyclovir
14 days after viral infection

These results demonstrate that MOLECULAR ACTIVATION is essential and necessary to increase biological activity and obtain this way the greatest effectiveness in the treatment of diseases which directly or indirectly produce free radicals.

DIAMEL® capsules

excellent treatment for PCOS

With its composition based on powerful antioxidants, **DIAMEL®** has demonstrated to bring about **in only 8 weeks** ⁽¹⁾ a very remarkable reduction in cellular resistance to insulin. It can therefore be considered an excellent treatment for **POLYCYSTIC OVARY SYNDROME (PCOS)**.

The synergy between various amino acids present in the formulation of **DIAMEL®** stimulates proper functioning of pancreatic beta cells, achieving the complete regulation of glucid and lipid metabolism.⁽¹⁾

The combined action of the antioxidants and amino acids of **DIAMEL®** helps in PCOS:

- Maintain balanced hormone levels in order to contribute to regulate the menstrual cycle.
- Improve acne and reduce excessive hair growth (hirsutism).
- Reduce the risk of endometrial cancer.
- Treat **metabolic syndrome** (also called insulin resistance syndrome) and control weight in case of overweight or obesity.

acts effectively against METABOLIC SYNDROME

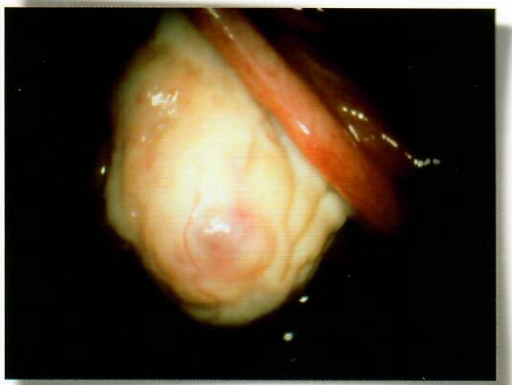


very remarkable
reduction in cellular
resistance to insulin

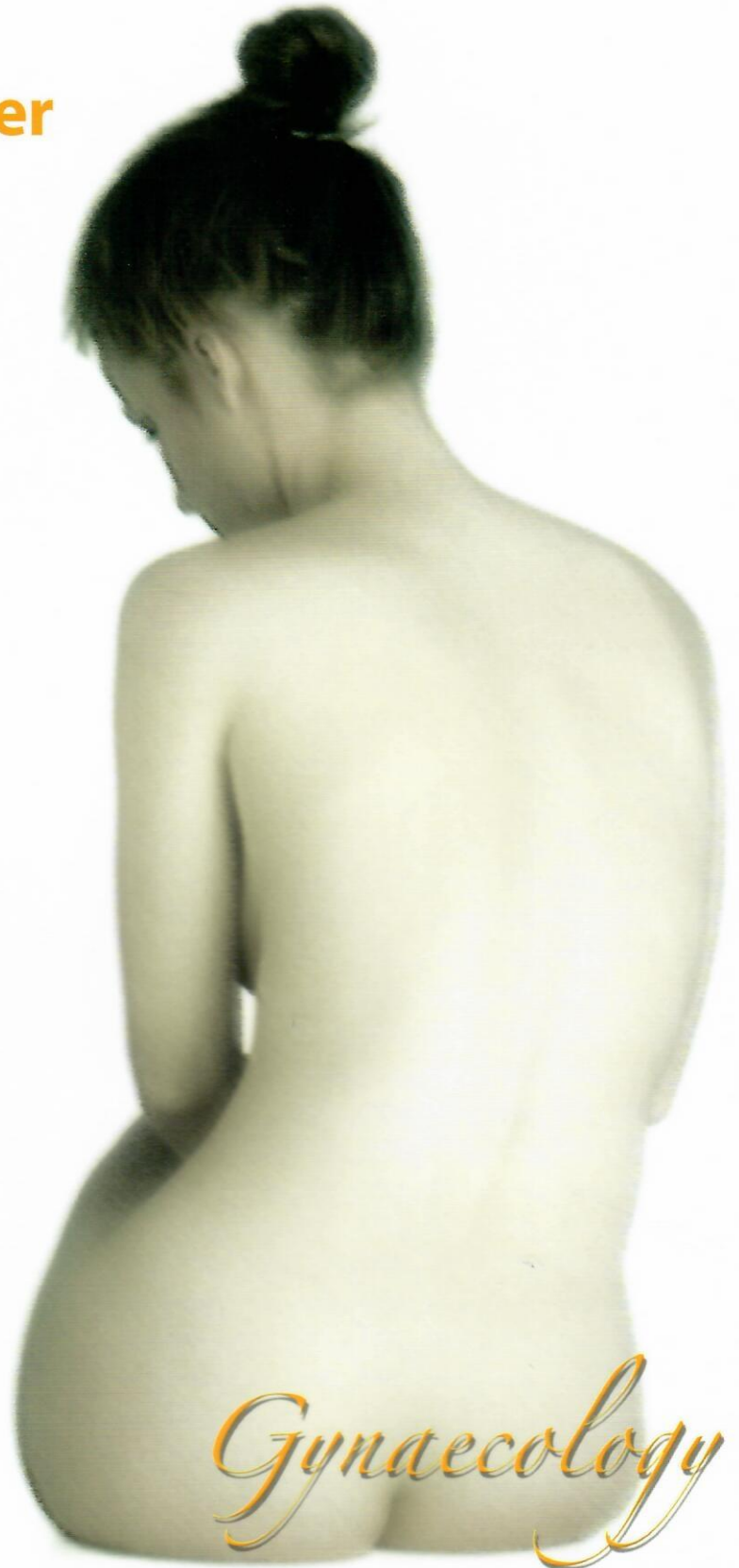
containers with 30 and 90 **capsules** of 660 mg

activated special antioxidants

**reduces the risk
of endometrial cancer**



laparoscopic view of a polycystic ovary



Gynaecology

FOLREX[®] cream

specific analgesic and anti-inflammatory cream
for pregnant women

The chemical structure of folic acid is very similar to the one of non-steroidal anti-inflammatory drugs (NSAIDs).⁽¹⁾

The activated folic acid of **FOLREX[®] Cream** quickly reaches the receptors of pain and inflammation. Once the mentioned receptors have been stimulated, pain and inflammation are eliminated in a highly effective way and with total absence of side effects.

FOLREX[®] Cream is the perfect treatment for pregnant women. It does not have teratogenic or other side effects. Moreover, pregnant women also suffer from muscle and joint pain, and they take folic acid daily.



100 ml tube

activated folic acid

FOLREX® Cream is effective from the first application and does not have contraindications.

- **Helps with folic acid deficiency.**
- **Is rapidly absorbed.**
- **Does not have side effects.**
- **May be used during pregnancy.**
- **Quick action in less than 30 minutes.**



Gynaecology

GLIZIGEN®

spray
lip cream
intimate gel

highly effective in the treatment
of sexually transmitted diseases (HPV and HSV)

The active principle of **GLIZIGEN®** is **glycyrrhizinic acid**, which is highly effective for the topical treatment of human papilloma virus, herpes simplex labialis and genitalis (herpetic vulvovaginitis, herpetic balanoposthitis), recurrent herpes simplex, herpes zoster, condyloma acuminata, and verrucae vulgaris. (1,2,3,4,5,6,7,8,9,10)

Clinical studies carried out on patients with infections by different types of human papilloma virus demonstrate its efficacy.

- HPV**
In all treated patients the following was observed:
- **High effectiveness in viral negativization in only 10 days, demonstrated by colposcopy and histopathology.**
 - Excellent tolerance even with maximum doses used.
 - No side effects.
 - Greater therapeutic adherence.



anogenital warts



before

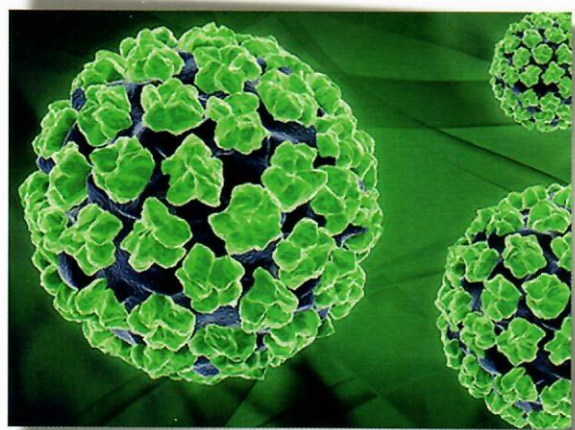


after 10 days

60 ml **spray** with applicator
5 g **lip cream**
250 ml **intimate gel**

In some countries, **GLIZIGEN®** is marketed under the name of **EPIGEN®** or **HERPIGEN®**.

activated glycyrrhizinic acid



human papilloma virus

**effectively fights
HPV infection**

**easy applicaton
and high efficacy**



Gynaecology

KALSIS[®] capsules

helps combat rheumatoid arthritis,
osteopenia, and osteoporosis

KALSIS[®] is a natural preparation with lactobacillus acidophilus and selenium.

KALSIS[®] eliminates rheumatoid arthritis pain and is essential for the control and the prevention of osteopenia and osteoporosis.

The active principles of **KALSIS[®]** are subjected to the process of molecular activation. This process enhances the effectiveness of the product and brings about a quicker reconstruction of bone mass.

eliminates joint pain from the first month

Lactobacillus acidophilus and **selenium**, upon creating synergy due to the process of molecular activation, produce the so-called **protein complex of organic selenium** ^(1,2), which:

- Assists calcium absorption and metabolism.
- Has an affinity for the mitochondrial matrix of the bone cells, where it increases the reconstruction and the mineralization of the bone matrix.
- Reduces bone resorption and weakening.



containers with 30 and 90 capsules of 500 mg

activated lactobacillus acidophilus and selenium

Moreover, **KALSIS®** contains specific antioxidants to reduce oxidative stress which impedes proper functioning of the metabolism of the osteoblasts and osteoclasts, thus balancing bone formation and resorption.⁽³⁾

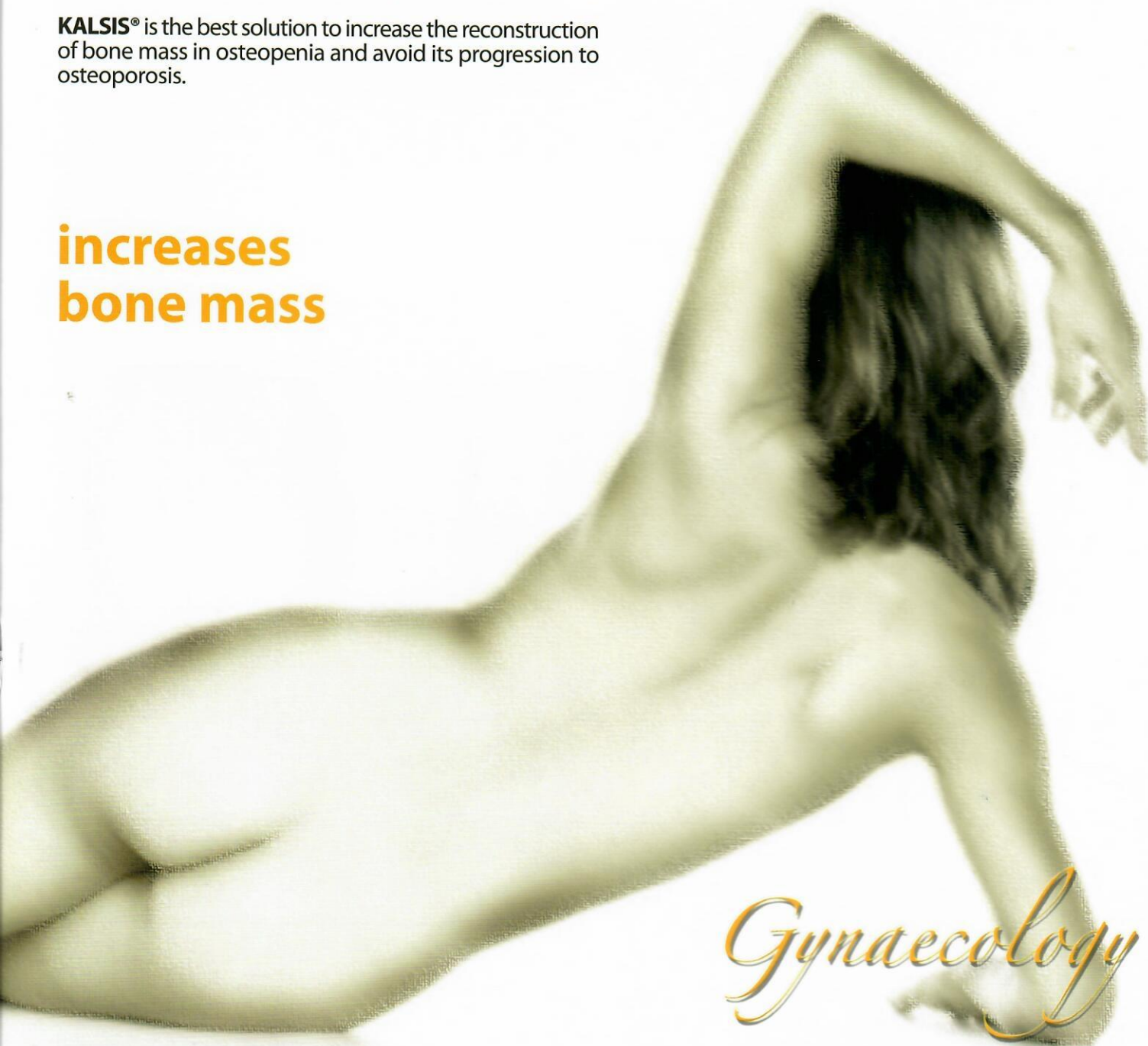
KALSIS® increases bone mass **in 3 months**, with results observed from the third day in the fast growth of the nails and after 3 months by bone densitometry.

KALSIS® is the best solution to increase the reconstruction of bone mass in osteopenia and avoid its progression to osteoporosis.

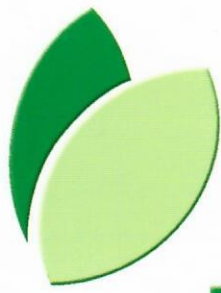


osteoporosis bone structure

**increases
bone mass**



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melanil[®] cream

eliminates dark spots on the skin
that appear during pregnancy

MELANIL[®] is a specific cream to lighten and eliminate dark spots on the skin caused during pregnancy, such as the **linea alba** or the **mask of pregnancy** (melasma or chloasma).

**visible results
from the first days of application**



time of application



before



after 3 weeks

TYPE OF SPOT

Clear and new spot

Dark and recent spot

Dark and old spot

TIME NECESSARY TO OBTAIN RESULTS

3 weeks

4 weeks

5 weeks

50 ml container

activated glycyrrhiza glabra, uva ursi, and morus alba

The composition of **MELANIL**[®] is 100% natural and non-melanocyte-toxic.

MELANIL[®] reduces melanin production, thus lightening and eliminating dark spots on the skin and preventing the formation of new spots.

All the active ingredients of **MELANIL**[®] are powerful inhibitors of melanogenesis by blocking tyrosinase. Moreover, they undergo a special process of molecular activation that enhances even more their melanogenesis-inhibiting capacity.^(1,2,3,4,5,6,7,8,9)



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OBEX[®] | sachets

reduces fat accumulation in menopause

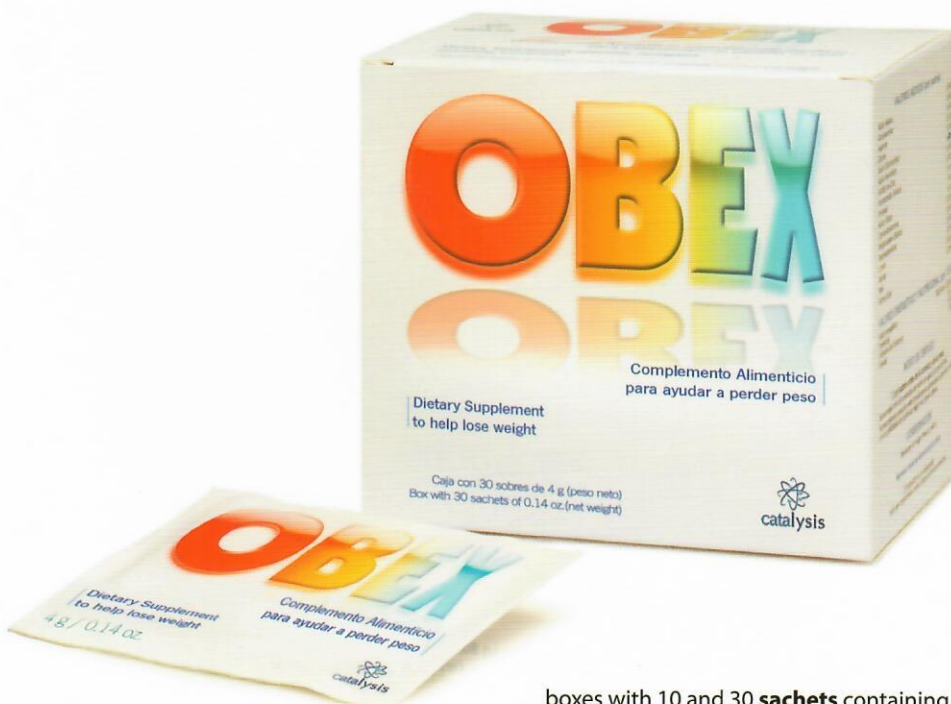
OBEX[®] is the perfect nutritional complement to regulate lipid and glucose metabolism.

OBEX[®] is specifically made with natural antioxidants molecularly activated to enhance their biological properties without altering their molecular structure.

improves the cardiovascular profile and helps normalize blood pressure in only 2 months

Among the activated components present in the formulation of **OBEX[®]** are:

- **SLIMALUMA[®] (Caralluma fimbriata)**
It acts as an appetite suppressant and creates a feeling of satiety and fullness.
It blocks the action of the malonyl coenzyme A, which is involved in fat formation.
This makes the body burn the stored fat and convert it into energy.
- **ACAI BERRY**
It is an alternative food source that prevents the metabolic syndrome.⁽¹⁾



boxes with 10 and 30 **sachets** containing 4 g each



activated caralluma fimbriata and acai berry

Why take OBEX[®] in perimenopause and menopause?

- Because it satisfies hunger pangs and helps control the cravings to eat between meals.
- Because it contains selected powerful antioxidants that have an energizing effect and prevent the onset of depressive syndromes.
- Because it contains faseolamine that reduces blood sugar levels.
- Because it has a mild diuretic effect that favours kidney excretion.
- Because it contains fibre that helps digestion without causing diarrhoea.

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ONCOXIN[®] capsules

effective treatment for fibrocystic mastopathy

In the conventional treatment of **fibrocystic mastopathy**, there are used analgesic drugs to relieve pain and/or hormone derivatives to help rebalance the female sex hormones.^(1,2,3,4,5,6,7,8,9,10,11)

Due to the presence in its formulation of **epigallocatechin-3-gallate**, a component of green tea, **ONCOXIN[®]** has demonstrated to be a fast and highly effective product in the treatment of fibrocystic mastopathy.

**after 1 month of treatment with ONCOXIN[®]
the total elimination of pain
has been demonstrated,
with the resulting elimination
of the intake of analgesics**



containers with 30 and 90 capsules of 300 mg

In some countries, **ONCOXIN[®]** is marketed under the name of **OCOXIN[®]**.

activated epigallocatechin-3-gallate

a dose of 3 capsules of
ONCOXIN® a day
for 3 months
has shown to be able
to totally eliminate
and revert the process



fibrocystic mastopathy cells

Gynaecology

VIUSID®

sachets

oral solution

powerful immunostimulator

VIUSID® is a nutritional preparation with antiviral properties. It is specially designed for the increase of the immunological defences in all those processes that cause immunodeficiency. It is for oral administration.

VIUSID® is the perfect complement to topical therapies used to treat human papilloma virus and herpesvirus due to the **glycyrrhizinic acid** present in its formulation.^(1,2,3,4)

high effectiveness in immunostimulation for the control of and the fight against HPV and HSV and their relapses

VIUSID® is specifically indicated during pregnancy and breastfeeding. **Its folic acid content prevents the development of megaloblastic anemia of pregnancy.**

Because of its malic acid, B vitamins, and zinc content, **VIUSID®** provides the future mother and the fetus with optimal nutrition and helps ensure a gestation and lactation without complications.

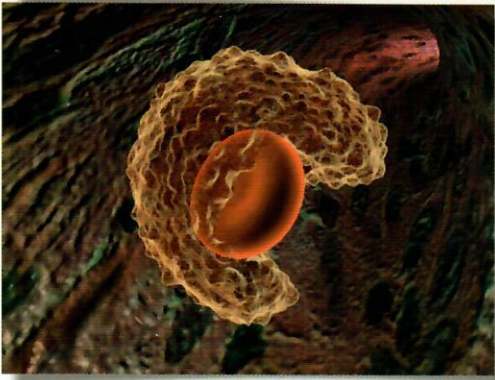
Because of its immunostimulatory power, **VIUSID®** is **the perfect complement to breastfeeding** in order to boost the immune system of both mother and infant.



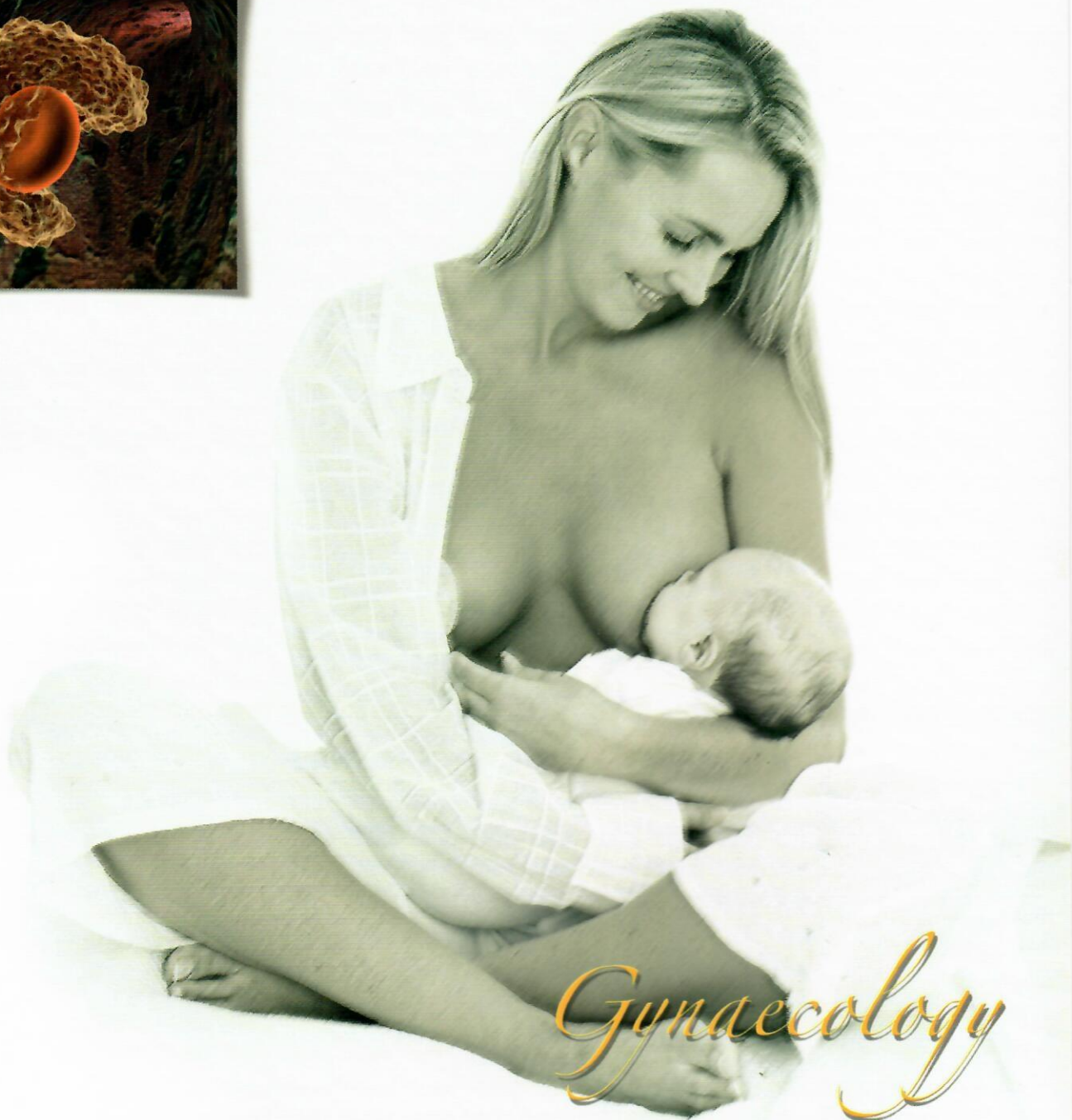
boxes with 21 and 90 sachets of 4 g
100 ml bottle

activated glycyrrhizinic acid

**because of its high revitalizing power
avoids the mother's weakness
both during pregnancy and breastfeeding**



macrophage cell



Gynaecology

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ONCOXIN®

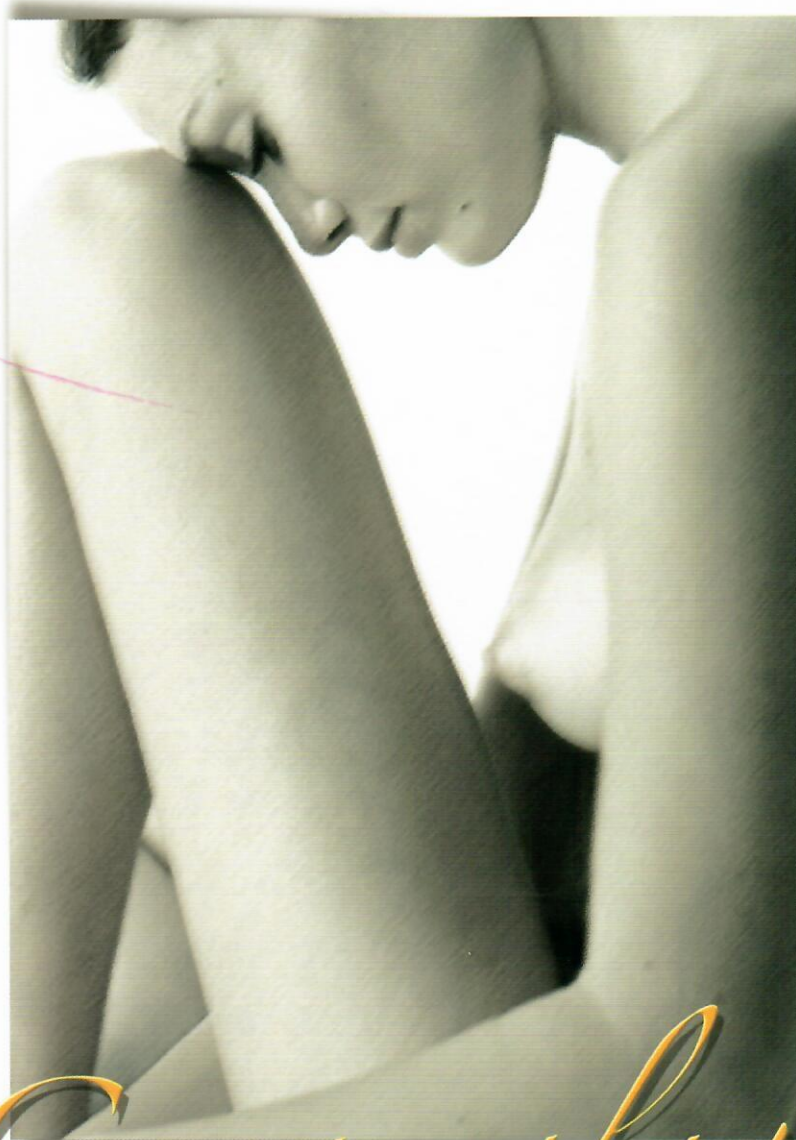
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