



# NANOTECHNOLOGY

PODOLOGIA.PL

SMART SOLUTIONS FOR THE THERAPIST - WITH THE RIGHT DOSE OF KNOWLEDGE

NANOGOLD Au®  
NANOSILVER Ag®  
NANOCOPPER Cu®

NEW

NANOOWO Ag Cu®  
NANOPLATINUM Pt®

Colloidal non-ionic gold  
Cosmetic product for external use

# NANOGOLD Au®

## GOOD TO KNOW that ...

The health-promoting properties of gold were already known in Sum-era, ancient Egypt, Persia, Arabia, China and India, for example in China meals were cooked with a gold coin to replenish the gold in the body. Even then, already, gold was considered as a specific that had the miraculous properties of restoring health and youth. Metallotherapy has found application in the treatment of venereal diseases, brain cancer and wound infections. Since the 20th century, colloidal gold has been used in the treatment of leukemia and some cancers, has a beneficial effect on balancing the heart rhythm and supports blood circulation. It acts as a catalyst in the formation of many hormones and enzymes. Gold stimulates the production of new blood vessels in the skin and fights free radicals responsible for the aging process of the skin. It has biostimulating properties, accelerates the migration of active ingredients. Gold has a dermatological effect, shows antiviral properties and supports antibacterial and antifungal treatment.

NANOGOLD Au® is a nanocolloidal solution of very small gold plates suspended in spectrally clear, demineralized water. It is a cosmetic product whose main task is to support skin regeneration processes, improve skin condition as well as protect and keep it clean.

**Due to the fact that it is a non-ionic product, it retains its properties for the entire period of remaining in the place of application**

## APPLICATION OF THE NANOGOLD Au®

- It slows down the aging process by slowing down the loss of collagen and elastin and by neutralizing free radicals.
- Moisturizes the skin, recommended for dry skin, prone to cracking, irritation, including changes in the area of the nail bed
- Due to its biocidal effect, used around lesions resulting from microbial infection, it supports the process of protection against secondary infections
- Supports the process of regeneration, skin reconstruction and pigmentation changes after the occurrence of skin lesions, i.e. e.g. allergic eczema, atopic dermatitis, acne, psoriasis, etc.
- Supports anti-inflammatory and anti-edematous effects around skin lesions
- Used as a product before applying nourishing and regenerating products to the skin, supporting their deep penetration of the epidermis and skin.
- It strengthens the action of antioxidants, reduces puffiness (e.g. puffiness under the eyes).
- Supports the process of tissue regeneration in the case of discolorations and scars (e.g. after removal of pigmented lesions, hyperkeratoses, post-traumatic, postoperative, etc.)
- Supports the treatment of discolorations, e.g. as a result of sunbathing, after tanning, etc., supports the treatment of vitiligo, pigmentation changes (including aging)
- Deeply supports cleansing the skin from toxins, used in conjunction with podiatry and cosmetology treatments
- Protects the skin, it helps cleanse the skin of toxins and supports protective actions against microbial infection
- It cleanses the skin from cosmetic products and other the products applied on the skin (e.g., it is used in makeup removal).

## HOW TO USE NANOGOLD Au®

- Sprayed on cleansed skin and allowed to dry (rub in if necessary)
- Use 1-2 times a day
- After applying the preparation and drying it from the surface of the skin, you can use any other cosmetics
- The use of the preparation in combination with other cosmetic preparations should be consulted with a specialist
- **The products should not be used by persons allergic to gold**



NANOGOLD Au®  
TECHNOLOGY DEVELOPED FOR PODOLOGY

Colloidal non-ionic silver  
Cosmetic product for external use

# NANOSILVER Ag®

## GOOD TO KNOW that ...

The health benefits of silver were noticed already in antiquity, and at the beginning of the 20th century, silver was considered one of the most effective curative agents. Today, it is widely used, especially in antibacterial prophylaxis, disinfection, disinfection, as well as auxiliary antiviral and antifungal agents. Therefore, it is especially used in podiatry problems. It shows a strong biocidal effect even at low concentrations. Scientific research has confirmed the effectiveness of nanosilver in the fight against microbes. It kills over 650 pathogens - Gram (-) and Gram (+) bacteria, fungi, molds, viruses, mites and protozoa.

NANOSILVER Ag® is a nanocolloidal solution of very small silver plates suspended in spectrally clear, demineralized water. It is a cosmetic product whose main task is to protect the skin against infections and keep it clean. The bactericidal effectiveness of NANOSILVER Ag® has been confirmed by laboratory tests carried out in relation to, among others: Escherichia coli, Salmonella typhi, Staphylococcus aureus, Staphylococcus epidermidis, Pseudomonas aeruginosa, Streptococcus pneumoniae, Candida albicans and many others.

**Due to the fact that it is a non-ionic product, it retains its properties for the entire period of remaining in the place of application**



## APPLICATION OF THE NANOSILVER Ag®

- Due to its antibacterial and antifungal properties, it cleanses the skin around skin lesions and damage, protecting it from infection, and thus supporting the healing and regeneration process (e.g. in the course of ingrown nails, cuts, scratches, skin infections, e.g. warts, eczema etc.)
- Eliminates the unpleasant odor of the feet resulting from the metabolism of sweat by bacteria and fungi that multiply on the skin of the feet as well as due to bacterial infections
- Cleanses the skin, in particular, reduces the growth of bacteria on and under the epidermis (NANO technology) - in the case of inflammation, efflorescence, skin irritation
- Deeply supports cleansing the skin from toxins, used in conjunction with podiatry and cosmetology treatments
- Protects the skin, it helps cleanse the skin of toxins and supports protective actions against microbial infection
- It cleanses the skin from cosmetic products and other the products applied on the skin (e.g., it is used in makeup removal).

## HOW TO USE NANOSILVER Ag®

- Sprayed on cleansed skin and allowed to dry (rub in if necessary)
- Use 1-2 times a day (when using public places, i.e. swimming pool, sauna, shared cloakroom, the product can be used more often, i.e. before and after leaving such a place)
- After applying the preparation and drying it from the surface of the skin, you can use any other cosmetics
- The use of the preparation in combination with other cosmetic preparations should be consulted with a specialist
- The product can be used on clothing, surfaces, tools, etc. for external use, for the purpose of protecting the spread of microorganisms
- **The products should not be used by persons allergic to silver**

NANOSILVER Ag®

TECHNOLOGY DEVELOPED FOR PODOLOGY

Colloidal non-ionic copper  
Cosmetic product for external use

# NANOCOPPER Cu®

## GOOD TO KNOW that ...

Copper is one of the components of human blood, it stimulates the enzyme necessary to build erythrocytes (red blood cells), which has a positive effect on the hematopoietic system. Copper is necessary for the absorption of iron metabolism and the oxidation of vitamin C. Copper also has a positive effect on the membrane surrounding nerve cells, it is involved in the transmission of nerve impulses. Through the synthesis of collagen and elastin, it has a positive effect on the regeneration of connective tissue. It is part of superoxide dismutase, an enzyme with antioxidant properties that protects cell membranes against free radicals. Copper deficiency can cause anemia, a low amount of copper causes a poorer absorption of iron and a reduction in the number of red blood cells. Its minimum daily requirement by the human body is 0.5 ppm. In externally use, NANOCOPPER Cu® is a nanocolloidal solution of very small copper plates suspended in spectrally clear, demineralized water. It is a cosmetic product whose main task is to support skin regeneration processes, improve skin condition as well as protect and keep it clean. NANOCOPPER Cu® has very strong antifungal properties, it also supports antiviral and antibacterial properties, it also destroys protozoa and mites. It shows a strong biocidal effect even at low concentrations.

**Due to the fact that it is a non-ionic product, it retains its properties for the entire period of remaining in the place of application**

## APPLICATION OF THE NANOCOPPER Cu®

- Due to its antibacterial and antifungal properties, it cleanses the skin around skin lesions and damage, protecting it from infection, and thus supporting the healing and regeneration process (e.g. in the course of skin and nail fungal infections, fungal damage to the nail plate and bed)
- It improves microcirculation in the capillaries
- Deactivates the unpleasant smell of feet and shoes resulting from fungal infections
- It protects against the development of microorganisms, in particular fungi and bacteria, on the surface covered with NANOCOPPER Cu®

## HOW TO USE NANOCOPPER Cu®

- Sprayed on cleansed skin and allowed to dry (rub in if necessary)
- Use 1-2 times a day
- After applying the preparation and drying it from the surface of the skin, you can use any other cosmetics
- The use of the preparation in combination with other cosmetic preparations should be consulted with a specialist
- The product can be used on clothing, surfaces, tools, etc. for external use, for the purpose of protecting the spread of microorganism
- **The products should not be used by persons allergic to copper**



**NANOCOPPER Cu®**  
TECHNOLOGY DEVELOPED FOR PODOLOGY

Colloidal non-ionic platinum  
Cosmetic product for external use

# NANOPLATINUM Pt®

## GOOD TO KNOW that ...

PLATINUM was already known in ancient Greece and the Roman Empire. It became famous again in the 16th century with the discovery of South America. Initially underestimated platinum, in a relatively short time, became a prestigious precious metal - "gold for the rich". Today, platinum is considered as the most valuable and unusual noble metal found in nature. The use of platinum in medicine dates back to less than 1982, in advanced closed treatment procedures since the 1970s, these are mainly its derivatives, i.e. cisplatin, carboplatin and oxaliplatin, and the new generation combined with other preparations, such as pyrophosphate. In addition, platinum strengthens the structure of blood cells, the functioning of internal organs as well as muscle and connective tissue. As a catalyst, it stimulates the biochemical processes of the body (it stimulates and controls the processes of synthesis, oxidation, respiration, circulation, digestion, and excretion). It is effective even at low concentrations. Due to its strong cleansing properties, platinum is ideal for use after removing therapy-supporting, cosmetic, etc. products from the skin. It is an excellent transmitter, therefore, used before the application of products for cosmetic, protective and care purposes, it significantly strengthens their effectiveness. It also neutralizes free radicals responsible for skin aging. NANOPLATINUM Pt® is a nanocolloidal solution of very small platinum plates suspended in spectrally clear, demineralized water. It is a cosmetic product whose main task is to support skin regeneration processes, improve skin condition as well as protect and keep it clean.

**Due to the fact that it is a non-ionic product, it retains its properties for the entire period of remaining in the place of application**



**NEW**

**NANOPLATINUM Pt®**  
TECHNOLOGY DEVELOPED FOR PODOLOGY

## APPLICATION OF THE NANOPLATINUM Pt®

- It slows down the aging process by slowing down the loss of collagen and elastin and by neutralizing free radicals.
- Moisturizes the skin, recommended for dry skin, prone to cracking, irritation,
- Due to its biocidal effect, used around lesions resulting from microbial infection, it supports the process of protection against secondary infections
- Supports the process of regeneration, skin reconstruction and pigmentation changes after the occurrence of skin lesions, i.e. e.g. allergic eczema, atopic dermatitis, acne, psoriasis, etc.
- Supports anti-inflammatory and anti-edematous effects around skin lesions
- Used as a product before applying nourishing and regenerating products to the skin, supporting their deep penetration of the epidermis and skin.
- It strengthens the action of antioxidants, reduces puffiness (e.g. puffiness under the eyes).
- Supports the process of tissue regeneration in the case of discolorations and scars (e.g. after removal of pigmented lesions, hyperkeratoses, post-traumatic, postoperative, etc.)
- Supports the treatment of discolorations, e.g. as a result of sunbathing, after tanning, etc., supports the treatment of vitiligo, pigmentation changes (including aging)
- Deeply supports cleansing the skin from toxins, used in conjunction with podiatry and cosmetology treatments
- Protects the skin, it helps cleanse the skin of toxins and supports protective actions against microbial infection
- It cleanses the skin from cosmetic products and other the products applied on the skin (e.g., it is used in makeup removal).

## HOW TO USE NANOPLATINUM Pt®

- Sprayed on cleansed skin and allowed to dry (rub in if necessary)
- Use 1-2 times a day
- After applying the preparation and drying it from the surface of the skin, you can use any other cosmetics
- The use of the preparation in combination with other cosmetic preparations should be consulted with a specialist
- **The products should not be used by persons allergic to platinum**

PREPARATION ELIMINATING  
UNPLEASANT ODORS  
Product for external use

## NANOOWO Ag Cu ®

Footwear - Insoles - Clothing

### GOOD TO KNOW that ...

Nanotechnology is widely used in the elimination of unpleasant odors, and the most effective in this area is the use of catalytic coating solutions. They stimulate oxidation and reduction reactions, which is widely used in the processes of deodorization, and even the elimination of harmful gases, such as ammonia, nitrogen oxide, etc. The use of NANOSILVER (silver) and NANOCOPPER (copper) in activities aimed at the elimination of unpleasant and harmful odors is enhanced by the bactericidal and fungicidal functions of nanoproducts.

**Due to the fact that silver and copper are non-ionic products, they retain**

### APPLICATION OF THE NANOOWO Ag Cu®

Deep penetrating preparation that neutralizes odors. Through the use of natural nanotechnology products (Ag-silver, Cu-copper), it causes anaerobic decomposition of organic substances, preventing microbial infections (i.e. antifungal, antibacterial, antiviral properties). Used nanotechnology and natural deodorant products provide a protective coating and long-lasting release of delicate fragrance. Product is recommended for:

- shoes used on daily basis and work shoes,
- individual orthopedic insoles,
- individual PWO relief insoles,
- socks, outerwear and workwear.

### HOW TO USE NANOOWO Ag Cu ®?

- Before wearing, spray by pressing the atomizer several times towards the inside of the footwear, on the insole or clothing,
- Can be also used for damp, soaked footwear.

ONLINE SHOP FOR SPECIALISTS

REGISTER AND TAKE ADVANTAGE  
OF PRICES FOR MEDICAL OFFICE

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NEW



## PROPERTIES OF NANOTECHNOLOGY **PODOLOGIA.pl** PREPARATIONS

### EFFECTIVENESS

- The high concentration of nanoparticles (50 ppm) and their ultra-small diameter (0.2 nm) ensure more effective action and active penetration of the skin compared to preparations based on precious metals microparticles.

### SECURITY

DERMATOLOGICALLY TESTED PRODUCTS

- They do not cause skin irritation, allergic reactions, do not dry the skin, do not cause burning
- Are non-invasive and non-toxic
- They do not react with human body fluids or ingredients of other preparations - there are no contraindications to use with other preparations, there is no risk of argyriasis
- They do not react with inorganic and organic acids present in the human body
- The products are safe for pregnant and breastfeeding women.

### QUALITY

- Due to the fact that it is a non-ionic product, it retains its properties for the entire period of remaining in the place of application,
- Natural precious metals, chemically pure and physicochemically stable: do not sediment (do not delaminate), do not change color, do not react with light,
- They are durable after opening for several months,
- Colorless, odorless.

The quality, effectiveness and use of nanotechnology preparations are confirmed by their manufacturer - the company **EGP System®** - a world leader in the production of biocidal preparations and devices

## MEET THE PODOLOGIA.PL GROUP



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*edu*POSTUROLOGIA.PL

 PODOLOGIA.PL - Monte Cassino 36/11, 70-465 Szczecin, Poland

 Call us +48 783 967 137

 E-mail: [sklep@podologia.pl](mailto:sklep@podologia.pl)

 [PODOLOGIA.PL](http://PODOLOGIA.PL)