

Nanoguard A Product Guide

nanoguard A®

Root Defence System™

Shampoo to be applied 2-4 times per week

- Stop excessive hair loss
- Reduce access to Dihydrotestosterone (DHT)
- Reduce conversion of Testosterone to DHT
 - Promote healthy hair growth
- Contains Zinc and Vitamin B6 (P5P form)

(Only B6 Pyridoxal 5 Phosphate is proven to reduce hair loss when combined with Zinc)



Dihydrotestosterone (DHT) and Hair loss

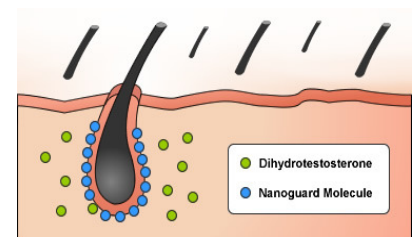
It is universally agreed that men and women with male/female pattern baldness have increased levels of Dihydrotestosterone (DHT) in the scalp, which contributes to a shortening of the growth phase and a thinning of the hair. Testosterone is converted to DHT when in the presence of the enzyme, 5 alpha-reductase.

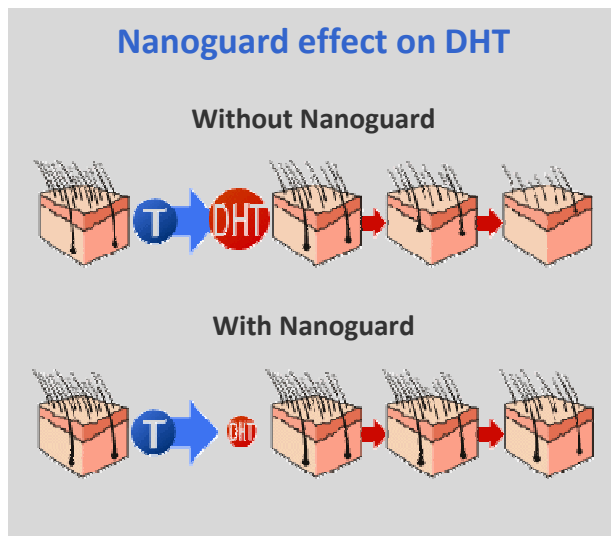


In the presence of Nanoguard, the conversion of Testosterone to Dihydrotestosterone is effectively blocked, meaning the cause of hair loss is partially eliminated and conditions for follicle growth are optimal.

How does Nanoguard A work?

Nanoguard blocks the activity of 5 a-reductase, the enzyme responsible for converting Testosterone to Dihydrotestosterone. This enzyme is present in the scalp and hair follicles at high levels. By blocking this conversion, the levels of the androgen DHT are reduced, which stops the shedding & miniaturisation. This also revitalizes & protects the hair follicle and creates an environment conducive to healthy hair growth.





PATENTED FORMULA
US Patent 5,972,345

What does Nanoguard A contain?

- **Saw Palmetto Extract**
inhibits 5-AR (therefore DHT)
- **Pygeum Africanum Extract**
inhibits 5-AR (therefore DHT)
- **Urtica Dioica**
stimulates healthy hair growth
- **Green Tea Extract**
gives natural anti-androgen effect
- **Superoxide Dismutase**
proven to inhibit hair loss
- **Zinc combined with vitamin B6 (Pyridoxal 5 Phosphate)**
only this correct form of vitamin B6 has been proven to inhibit hair loss when combined with Zinc

Information for Men



Nanoguard works in the same way as modern anti-hair loss drugs, that is, by blocking the conversion of Testosterone to Dihydrotestosterone by means of the converting enzyme, 5-alpha reductase.

BUT - oral medicines containing 'finasteride' such as Propecia® (brand name) that are available on prescription, have been criticised heavily by many users because of the high incidence of side-effect reports such as problems with libido, maintenance of erections, acne, weight-gain, increased hairiness on the rest of the body and others.

With Nanoguard, you don't have to worry about these side effects, because it is applied directly to the problem area, i.e. the scalp.

Not all oral treatments for hair loss have such dramatic side-effects - DHT inhibiting natural supplements such as [Nanocaps](#) contain neutraceutically derived ingredients, which have been shown to have an effect on minimising hair loss.

Information for Women



Nanoguard works in the same way as modern anti-hair loss drugs, that is, by blocking the conversion of Testosterone to Dihydrotestosterone by means of the converting enzyme, 5-alpha reductase.

Other treatments like Propecia® (brand name) contain a chemical called 'finasteride'. This is a drug taken orally, and is only available on prescription. Alarmingly, there is such a severe risk to the foetus of a pregnant woman that adult females should not even handle the finasteride-containing tablet, which has meant that women could not benefit from anti-DHT technology until Nanoguard was developed.

Not all oral treatments for hair loss pose such a high risk to women - DHT inhibiting natural supplements such as [Nanocaps](#) contain neutraceutically derived ingredients, which have been shown to have an effect on minimising hair loss.

Questions and Answers

How many times a week should I use Nanoguard A shampoo?

2-4 times per week is optimal Nanoguard use and will render the product most effective. If you wash your hair every day, just alternate Nanoguard A with your regular shampoo. Using Nanoguard A more than 4 times weekly will not have any adverse effects, though you will run out sooner!

Does Nanoguard replace my normal shampoo?

Yes. Unless you wash your hair more than 4 times a week. See above for usage guide.

Can I use Nanoguard with other Nanogen products?

Yes. Nanogen is safe to use with any other product in the Nanogen range

Are there any side effects from using Nanoguard?

There are no known side effects from using Nanoguard

Do I need to use Nanoguard forever?

Nanoguard is used to reduce the DHT levels in the scalp. As long as your body is producing a high level of DHT, we recommend using Nanoguard.

Can Nanoguard be used on coloured hair?

Yes. Nanogen may be used safely on dyed or coloured hair.

What kind of results should I expect?

After approximately 1 month usage, you should see a noticeable reduction in the amount of hair loss.