### THE **NEORETIN**<sup>®</sup> RANGE

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NEORETIN





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use during the day.

NEORETIN<sup>®</sup> SERUM

With increased levels of the Whitening Booster System and an additional exfoliant, the serum can be used either at night or, depending on your condition, in the morning with additional UV protection.

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Ask your practitioner about **NeoRetin**<sup>°</sup> or visit **neoretin.aestheticare.co.uk** to find out more.

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#### **CLINIC DETAILS**

The **NeoRetin**<sup>\*</sup> regime used in clinical studies is **NeoRetin**<sup>\*</sup> gelcream in the morning and **NeoRetin**<sup>\*</sup> serum in the evening.

Speak to your practitioner about combining **NeoRetin**<sup>®</sup> with in-clinic procedures or home micro-needling to help improve results.



Get the best possible results from **NeoRetin** by using it as part of an evidence-based, personalised skincare regime. Ask your practitioner about SKIN **SYNERGY** anti-ageing and problem skin regimes in which clinically-proven, medigrade products are combined depending on your specific skin condition and needs.

Book your SKIN SYNERGY consultation today. PDF compression, OCR, web optim

### REFERENCES

1. Cameli, Esp Derm, 2012 2.Truchuelo M et al, Hospital Ramon y Cajal, Madrid, in press J Cosmet Dermatol (data on file awaiting publication) NeoRetin\* is trademark of IFC, Industrial FarmacéuticaCantabria SA, Spain



Advanced evidence-based dermatological medical devices, pharmaceuticals & medigrade cosmetics

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# CLEARS & BRIGHTENS SKIN FOR AN EVEN COMPLEXION



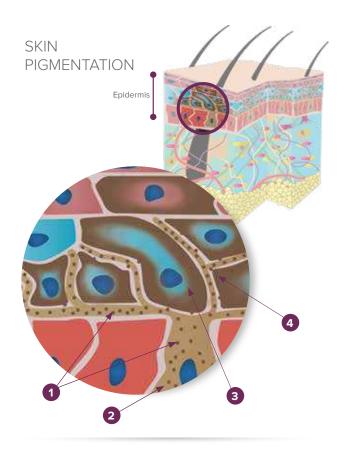
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## YOUR SKIN

When looked after, your skin is beautiful. Not only is it your primary barrier against external challenges, it's also what others use to form an opinion of your age and well-being.

It's no wonder, in that case, that problem skin conditions such as hyperpigmentation often have a significant impact on confidence - particularly when it affects skin on the face and neck.

Pigmentary complaints cause the uneven darkening of an area of skin. This can appear as brown/age spots which can go on to form keratoses (a scaly growth), and pre-cancerous or cancerous lesions. These conditions are difficult to treat because they affect each of us differently depending on our skin type, and how deep in the skin the pigmentation sits. This often depends on the cause of the issue, which is frequently a combination of factors.



1. Melanosome3. Keratinocytes2. Melanocyte4. Melanin



# CAUSES OF PIGMENTARY COMPLAINTS

Melanocytes in our skin produce melanin as a defence mechanism against radiation caused by the sun. The melanin travels to the surface of the skin to absorb the harmful UV rays. This is the process that, over time, gives us a tan, but within the skin the melanin protects other skin cells, and their DNA, from damage - although this protection is not enough with ongoing exposure to the sun.

Not only does radiation directly damage cells in our skin, it causes excessive Reactive Oxygen Species (ROS) to be produced. ROS cause additional harm to healthy cells and protein, and stimulate melanocytes. Our natural defences against these ROS decline as we age, so their effects are more prevalent in mature skin.

There are several other factors that can also stimulate excessive production of melanin:

- Hormones can have a significant impact on melanocytes, for example while taking the contraceptive pill or during pregnancy. This disruption can cause a condition called melasma, in which excessive pigmentation appears on the forehead, cheeks and around the mouth.
- Inflammation or trauma of the skin can also disrupt the melanocytes and cause increases in ROS. This can be associated with acne, folliculitis or laser therapy.

Although pigmentary disorders commonly effect darker skin types (due to their increased levels of melanin), aged skin can become susceptible to some of the factors described above.

# HOW DOES **NEORETIN**® WORK?

A **NeoRetin**<sup>\*</sup> regime clears and brightens skin for an even complexion, helping to manage and control the appearance of pigmentation.

Research shows significant results in both pigmentation intensity and skin brightness after 60 days' use.<sup>1</sup>

The efficacy of **NeoRetin**<sup>\*</sup> is down to the clinically-proven ingredients that tackle every stage of the melanin production cycle, and the skin-kind formulation of those ingredients to maximise their effect on your skin:

- A unique combination of Vitamin A ingredients help to increase cell turnover and exfoliation, speeding up the shedding of those darker skin cells. It is delivered through the epidermis using Retinsphere technology which helps to prolong the activity of the ingredient.
- Our Whitening Booster System contains evidencebased brightening and lightening agents which stop the development and transfer of melanin at every stage of its production cycle.
- Broad spectrum UVA | UVB protection helps to prevent further melanin production, and also protects the skin from the other negative effects of exposure to UV rays, reducing the production of ROS.
- Moisturising ingredients lock moisture in the epidermis and optimise skin tolerability so that your skin not only looks great, but feels great too.

74% reduction in the area and severity of melasma as measured by clinicians.<sup>2</sup>

#### **EFFECTIVENESS OF NEORETIN® SKIN CARE REGIME** (GELCREAM/DAY + SERUM/NIGHT)



