

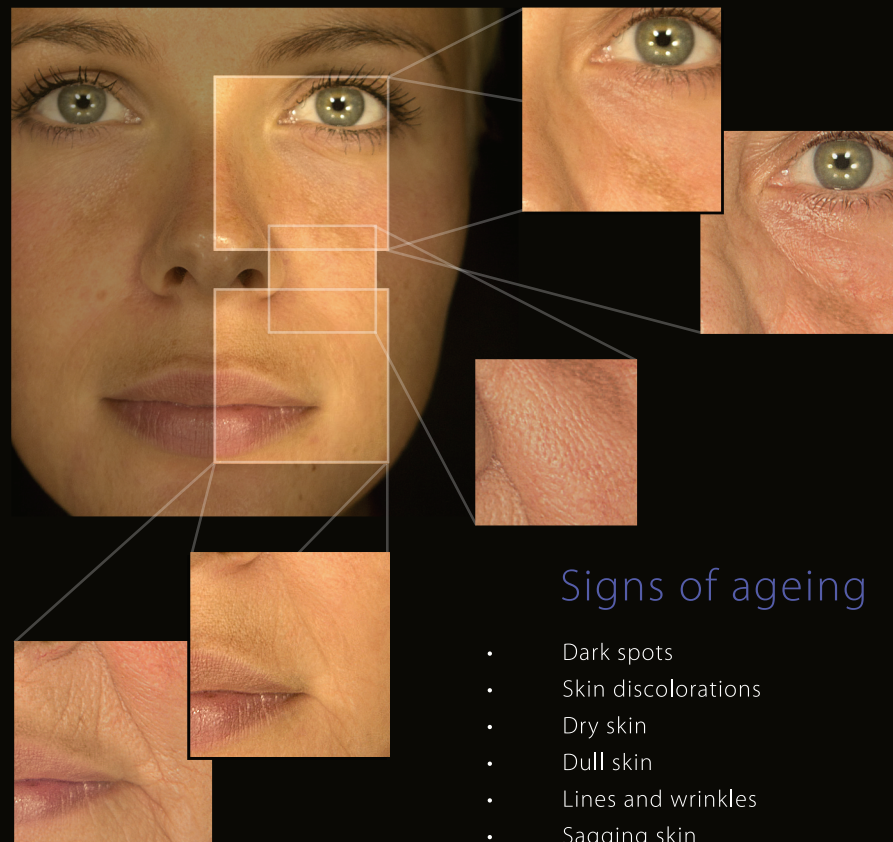
## Outstanding European quality

Headquartered in Europe, Sylton diagnostics systems develops and produces innovative skin diagnosis devices of outstanding quality. With more than 20 years of experience, extensive know-how, partnerships with R&D departments of cosmetic & pharmaceutical companies, dermatological institutions and other healthcare professionals all over the world, customers always benefit from the latest imaging technology and high-quality services.

## Skin ageing

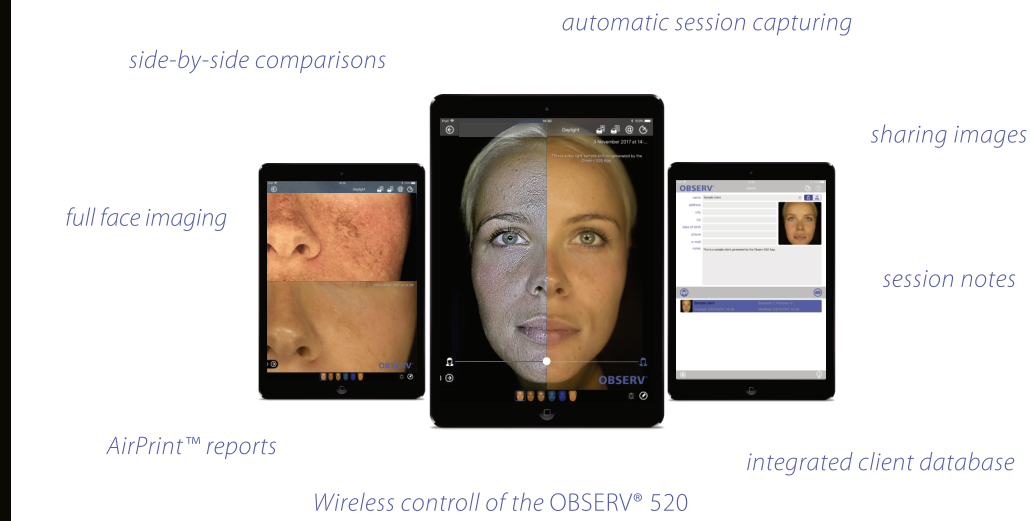
The idea of growing older gracefully is a noble one. One of the major beauty concerns nowadays is the ageing of the skin and the desire to remain looking younger and having healthy-looking skin. Typical features, such as fine lines, wrinkles and sagging of the skin are strong indicators and visible signs of skin ageing. However, skin ageing is far more complex as it also often means a loss of radiance, the formation of pigmentation, brown and white spots and an overall loss of skin

homogeneity as a result of photo ageing. Where the human brain lacks in the analytical ability to view the different signs of skin ageing independently, the OBSERV® 520 is capable to visualise the different signs of ageing separately and distinctively. Our new features 'Surface texture' and 'Skin Complexion' provide a powerful means to communicate on cosmetic rejuvenating facial interventions and to objectively discuss and determine treatment progress, efficacy and result.



### Signs of ageing

- Dark spots
- Skin discolorations
- Dry skin
- Dull skin
- Lines and wrinkles
- Sagging skin
- Visible pore structures
- Rough and bumpy skin



The OBSERV® 520 is light weight, portable and easy to use.



Explore your possibilities

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**SYLTON**  
diagnostic systems

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# OBSERV® 520

Seeing is believing  
An innovative journey through the skin layers

## OBSERV® 520

Beauty concerns are often directly related to the overall health of the skin. In fact, many skin conditions that surface over time, originate from deeper, invisible skin layers. The OBSERV® 520 is a powerful consultation tool for visualisation and analysis of skin concerns in great detail. Thanks to a unique patented technology, subsurface skin conditions and skin health which are essential to make a complete diagnosis, will be revealed. Within a minute beauty consultants, dermatologist and aesthetic practitioners can raise awareness of current and future skin conditions and provide clients with targeted, convincing advice: let the pictures speak for themselves.

## Advanced photography standardised and reproducible

Advanced aesthetic skin care and cosmetic dermatology are sectors in which visualisation is key. To objectively investigate skin concerns, evaluate changes and results of treatments or cosmetic products, pictures must be standardised and reproducible. OBSERV® 520 captures high level facial images by using controlled and stabilised illumination, chin support and (re)positioning technology ensuring consistent quality and reproducibility of the images. Further, the integrated database provides the opportunity to add recommendations, to update, print and share skin analysis reports with clients.



Ghosting feature for perfect re-positioning



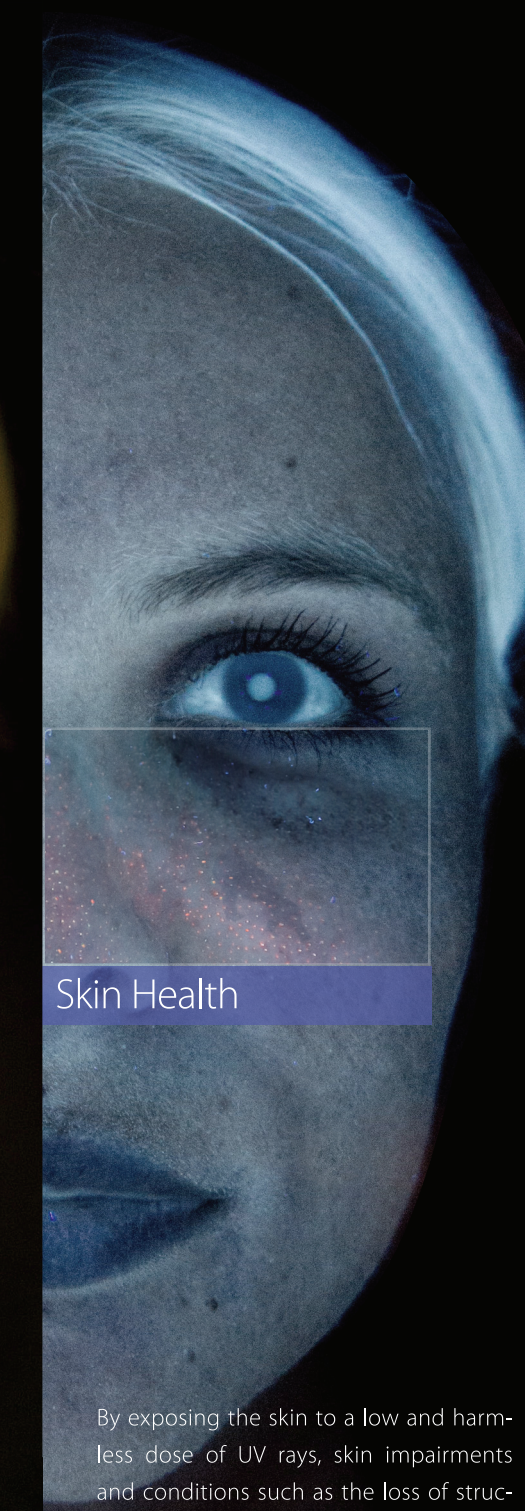
Surface Texture



Skin Complexion



Natural Daylight



Skin Health



Skin Secretions

A magnified visualisation of the skin's surface texture allows to observe the skin's microrelief, pores, fine lines and wrinkles in high detail while the visibility of disturbing structures and textures hidden in the deeper layers of the skin are diminished.

This unparalleled view of the skin beneath its surface reveals skin tone inhomogeneity as result of biological ageing and photo-ageing. The amplified variations in skin tone and enhanced contrast enable to clearly distinguish redness caused by skin sensitivity, irritation and vascular conditions from actual pigmentation that are not visible to the naked eye.

To provide a clear representation of how the facial skin appears in natural daylight, the OBSERV® 520 illuminates the full face evenly with a diffuse light coming from multiple directions. This is a soft even light, devoid of shadows and sharp lines. This representation offers a baseline in the overall clinical evaluation of the skin.

By exposing the skin to a low and harmless dose of UV rays, skin impairments and conditions such as the loss of structural integrity and subsurface pigmentation clearly stand out from healthy skin tissue. Skin conditions which can deceptively look the same in natural daylight can now easily be distinguished from one another.

The distribution of a protective oil film (mainly) influenced by the activity of the sebaceous glands become clearly identifiable in the used patented simulated Wood's light. The health and activity of the sebaceous glands are important parameters in determining skin type and hydration level.