Dino-Lite DermaScope
Easy to use
The Dino-Lite DermaScope is an easy to use digital microscope that can make high quality closeup images and video of skin. These images go much further than the digital camera with macro lens that is common for this application. This is why many professionals are now using the Dino-Lite DermaScope.

The DermaScope can be positioned on the skin – either with a water or oil lubricant – to look at and make a picture of a nevus or lesion. The magnification achieved with the DermaScope will show the practitioner what the naked eye cannot see and help him to make the right diagnosis. The patient can view the result on the computer screen at the same time.

The DermaScope is connected to and powered by the USB port of the computer, so there are no batteries to replace or charge. The DermaScope also features its own 8 LED’s which makes an external light source superfluous and the DermaScope a very versatile instrument.

Broad scope
The DermaScope is not only used by dermatologists to assist in their diagnosis, but also by general practitioners. They use the DermaScope as part of a teledermatology setup, one of the applications in the fast growing practice of telemedicine. The doctor can send the clinical and dermatological photos to a dermatologist together with the patient history and questions. The dermatologist can give his judgment and advice at a distance and the patient only actually visits the dermatologist if he thinks the question is suspicious.

All versions of the DermaScope are also applicable in veterinary applications which further underline the versatility of the Dino-Lite. The DermaScope is sturdy and will function under most circumstances. The polarization filter that is available on all models will help to reduce the reflections of shiny skin which will improve the quality of the images. The DermaScope comes standard with the DinoCapture software that opens up all functionality of the digital microscope.

DermaScope Polarizer (MEDL4DW)
For examining the human skin the Dino-Lite digital DermaScope Polarizer (MEDL4DW) is a very convenient instrument. With the Dino-Lite DermaScope you can make better and clearer skin pictures than any standard digital camera with macro button can provide. This model can work with 2 magnification rates (~10-50x) while maintaining the same working distance, making this the ideal model for macro view applications with a larger field of view and a zoom function to reveal smaller details. Different caps are supplied with the microscope making the Dino-Lite DermaScope a very versatile instrument. The built-in polarizer filter minimizes the glaring effect of the skin. The Dino-Lite DermaScope is an excellent solution for human medicine as well for veterinary use.

Also available: DermaScope HR Polarizer MEDL7D
In use

A general practitioner
A general practitioner in Baarn, The Netherlands is using several Dino-Lite models:

“With the Dino-Lite DermaScope you can make better and clearer skin pictures than any standard digital camera with macro button can provide.

Because the Dino-Lite microscopes are directly connected to the USB port of my PC, the pictures can immediately be checked on a large screen and shared with my patients, batteries are never dead, the light is always good. As the Dino-Lite microscopes are connected to my PC, I can store and share images easily and quickly. Pictures made with Dino-Lite can be stored in the Electronic Patient File simply by means of 3 mouse clicks. I can easily add pictures to my ‘library’ of skin affections.

In Baarn’s Meander Hospital there is a special policlinic for “suspect skin spots”, where the dermatologist can take a biopsy right on the first appointment, if alerted by the patient’s general practitioner.

A picture says more than many words; the emergency of a patient’s case can be judged very quickly. I am very fond of visualization.”

Teledermatology
The Dutch health care institution Ksyos Tele Medical Center focuses on research, development and introduction of tele-consultation in the regular health care. Ksyos cooperates with over 3500 doctors and 2000 medical specialists and paramedics in tele-cardiology, tele-dermatology, tele-ophthalmology and tele-pulmonology.

Ksyos is offering the tele-dermatoscopy service since early 2011. Physicians interested in using this service have the option of using of a Dino-Lite digital DermaScope, which is seen as an major incentive for starting tele-dermatoscopy. Physicians currently using the Dino-Lite experience this equipment as versatile and very easy to use. The direct link to the PC is generally seen as one of the most important features. A general practitioner can use a secure web application to send dermatoscopic images to the dermatologist, including patient data and medical history.
Distance medicine with the Dino-Lite DermaScope

Albert van der Velde is a general practitioner in Haarlem, The Netherlands and has more than 2,200 patients in his practice. He is an early adopter when it comes to technology and has been working with the Dino-Lite DermaScope for quite some time.

“Much to my pleasure and that of my patients”, says Van der Velde. “The DermaScope is compact and my patients can see on the screen what I see, which involves the patient in the diagnosis. The biggest advantage is of course the speed of working. I send my findings and photos to KSYOS (the teledermatology organisation) and I receive the results the next day.

There is a negative and a positive to this. If the result is positive, you can reassure the patient immediately by phone, but if there is something suspicious, the patient will visit the dermatologist the next day instead of having to wait in suspense for several weeks. In the end, either way it is better for the patient.”

Increasing expertise

Using the DermaScope does take some getting used to. Van der Velde: “Yes, I had to find a medium between skin and scope and have found water to work best. You need to maneuver the Dino-Lite to achieve optimal viewing, but you get the hang of it quite soon”.

For Van der Velde using the Dino-Lite DermaScope also means that he increases his expertise. “I have no ambition to be a dermatologist, but by seeing the images and getting the results back very soon, you learn something every time. You can say that the DermaScope has high added value, and most of all this benefits the patient.”
Dino-Lite medical products are Medical Device Class 1 devices
According to Directive 93/42/EEC
modified 2007/47/EC

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