

Using a car phone holder for performing oculoscopy with a universal serial bus dermatoscope



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CLINICAL CHALLENGE

Dermoscopy of the visible structures of the eye such as the eyelids, eyelashes, lacrimal glands, conjunctiva, sclera, cornea, and iris is referred to as oculoscopy. However, because of the unique anatomy of the orbit, both contact and noncontact dermoscopy are difficult to perform, as there is no flat surface on which to stabilize the dermatoscope. It is uncomfortable for the patient as well as for the dermatologist to steadily secure the position of the dermatoscope.

SOLUTION

A mountable and moldable car phone holder is an easily and universally available tool for holding cell phones (Fig 1). We have utilized this handy tool for holding the dermatoscope while doing oculoscopy. The



Fig 1. Oculoscopy being done with a universal serial bus dermatoscope mounted on a moldable car phone holder (*inset*) held by suction cups at the bottom.

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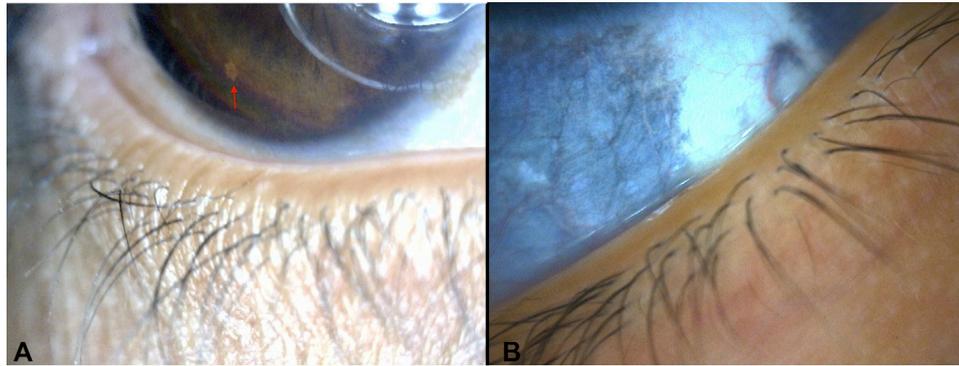


Fig 2. Oculoscopic examination showing a yellowish brown Lisch nodule (*red arrow*) in a patient with neurofibromatosis type 2 (**A**) and scleral granular pigmentation in a patient with nevus of Ota (**B**). The procedure was performed with a Dino-Lite AM413ZT digital microscope (Dino-Lite, New Taipei City, Taiwan) (original magnification: $\times 50$, polarizing view).

patient is made to lie comfortably in a supine position on the examination table while the phone holder is mounted near the neck of the patient on the table with the help of suction cups. The universal serial bus dermatoscope is attached to the holder, and its limb is molded to enable the optimum position of the dermatoscope for securing the best images. This is not only comfortable for the patient but also stabilizes the dermatoscope well. The physician can visualize the images on the screen and can store them for future reference. We have used this assembly for examining lesions over the eyelid or evaluating for the presence of pigmentation of sclera or Lisch nodules in the iris (Fig 2).^{1,2}

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