

Expert opinion about the HEINE® ML 4 LED HeadLight

Improved margin assessment with the HEINE ML 4 LED HeadLight.

In the practical comparison of several application possibilities in dermatology, the main advantage of the ML 4 LED, a headlight with binocular loupes, is its support in dermatosurgical procedures. With basalioma in particular, it is often rather difficult to assess the margins with the naked eye. This is essential however for localisations such as the face, in order to keep the wound surface small on the one hand and to prevent local recurrences on the other hand.

An improvement of the margin assessment using traditional dermatoscopy compared to the assessment with the naked eye could already be described*. As traditional dermatoscopy can generally not be used under sterile conditions, it can also not be used during surgery.

With the help of the new, optional polarisation filter attachment (cross polarisation) on the headlight, excision lines can now be marked under direct view with 2.5x magnification, even in an already sterile operative field. All in all, the HEINE ML 4 LED is an easy to operate headlight, which might be of interest for dermatology and in particular for surgical specialists in this field.

*(Carducci M et al. Usefulness of margin detection by digital dermatoscopy in the traditional surgical excision of basal cell carcinomas of the head and neck including infiltrative/morpheaform type. J Dermatol. 2012 Apr;39(4):326-30.).

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