

WILD



DERMATOLOGY



start the process

OPTICAL TECHNOLOGIES ARE AT THE CORE OF MANY DERMATOLOGICAL DIAGNOSTIC PROCEDURES AND TREATMENT METHODS.

Make the most of our decades of know-how as an optics specialist.



What kind of experiences can WILD contribute in dermatology projects?

The WILD Group has a treasure trove of experience in dermatology which has been acquired over the course of various development projects. Particularly beneficial here is our core expertise in laser and infrared technology.

Can you give us specific examples?

Most of our experience relates to products used for the detection of changes in moles. In recent years, the continuous increase of malignant melanomas and the resulting rise in mortality rates has led to a greater focus on early detection and prevention. This is precisely where innovative diagnostic devices come in. Using camera or scanner technology, they capture images of moles and regions of the skin. Special algorithms can compare any malignant changes with databases and in doing so allow for their early detection. Artificial intelligence provides significant support to physicians, e.g. in identifying "black skin cancer".

How does WILD support its customers in such projects?

Based on our decades of optics experience, we can further advance body imaging systems as

a systems partner in collaboration with medical technology companies, rendering them even more effective and user-friendly.

What is the role of innovative dermatological products in treatment and how can the WILD Group contribute here?

Especially as a result of the development of application expertise in the area of photobiomodulation at Photonic, the WILD Group is increasingly being perceived as a competent development partner for dermatology products. In simple terms, photodynamic therapy uses light in combination with light-active substances to exert a biophysical effect on organisms. This principle is applied, for instance, in wound healing. Furthermore, devices used in beauty and aesthetics that reduce, for example, adipose cells under the skin on the basis of laser or shockwave technology are a perfect match for WILD's core competence, mechatronics.

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