deepLive™

AI-Assisted LC-OCT

3D Digital Skin Imaging

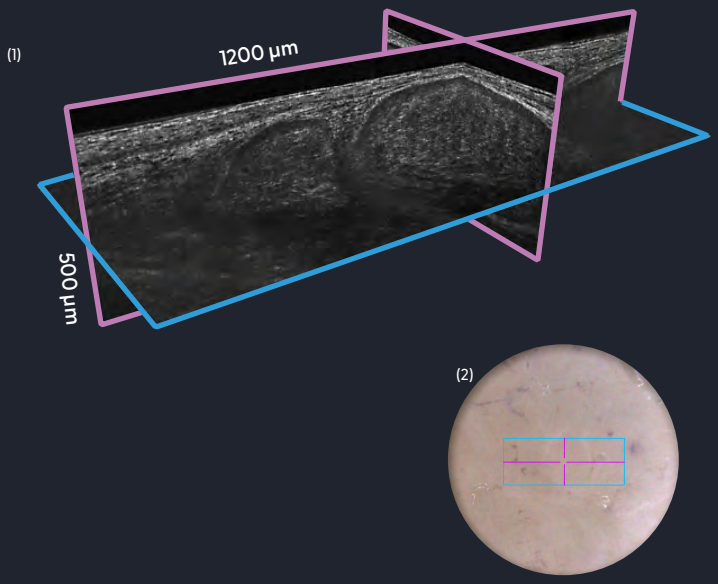
for non-invasive 3D biopsy on a cellular level
and in vivo evaluation of surgical margins

damae-medical.com

In-depth, real-time skin imaging with LC-OCT.

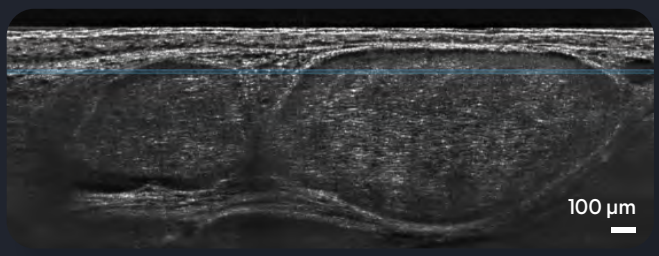
deepLive™ combines confocal microscopy and OCT in a single Line-field Confocal Optical Coherence Tomography device, providing skin imaging at cellular resolution for 3D digital biopsies.

deepLive™ uniquely co-registers histology-like detail with dermoscopy, seamlessly integrates into everyday dermatology workflows.

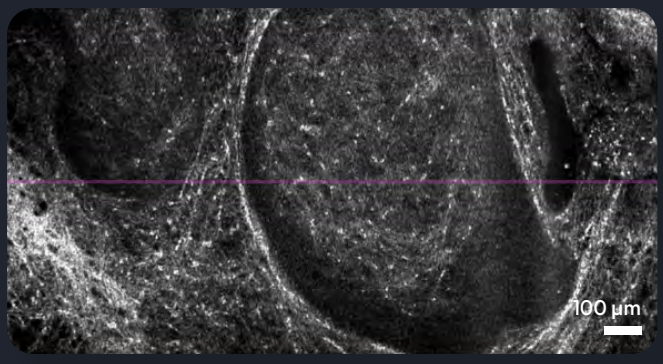


Nodular BCC, right temporal scalp, male patient
Image courtesy Dr. Hervé Garat, Marseille, France

(1) 3D stack acquisition
(2) LC-OCT integrated live dermoscopic view



Vertical Live Mode



Horizontal Live Mode

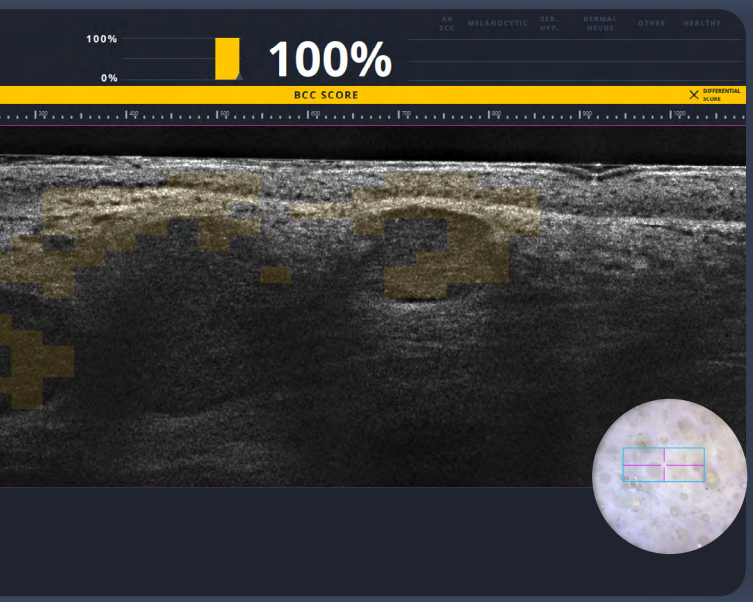


Image courtesy of Prof. Mariano Suppa (Erasme Hospital, Brussels)

Become an LC-OCT Expert in Seconds Thanks to AI[1]

First real-time AI in skin imaging

Trained by +600K images

Validated by an international, multicenter, randomized study

- Real-time BCC probability score
- Real-time heatmap for explainability

It's all in your hands.

In premium private clinics, leading hospital settings, or pioneering research. Cutting edge of efficient, precise dermatology for melanoma, non-melanoma skin cancer and other skin conditions.

Replace Avoidable Biopsies

With a diagnostic accuracy of 96%[2], discuss results directly with your patient during consultation.

Guide Surgical Margins

Delineate tumor margins precisely before surgery to ensure precise and effective excision.

Follow-up Treatment Non-Invasively

Monitor lesion progression in real time and adjust therapeutic protocols accordingly[3].

Manage High-Risk Patients

Monitor multiple lesions over time non-invasively, avoid repeated biopsies.

Know Your Margins In Vivo Even Before Cutting

Reduced reoperation rates, fewer Mohs stages[4]

Optimized lesion selection

Improved aesthetic outcomes

More efficient surgical schedule

Lower recurrence rates

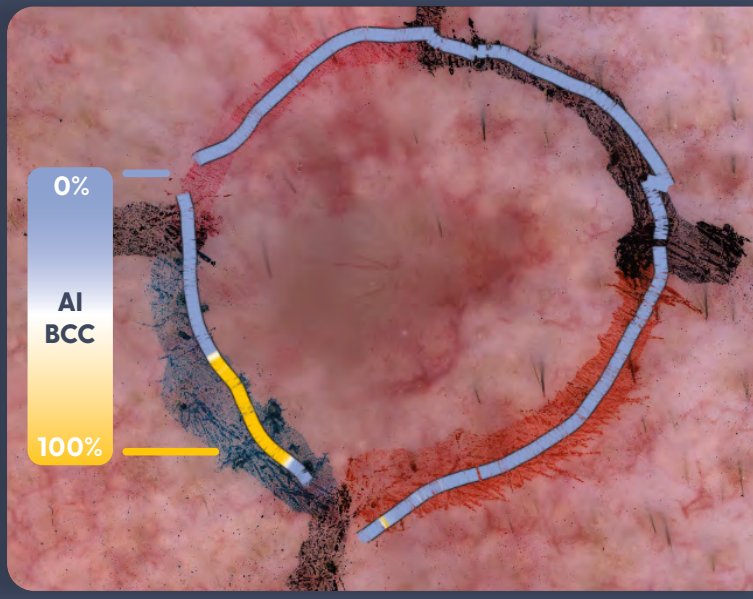


Image courtesy of Prof. Elke Sattler (LMU, Munich)

STANDARD WORKFLOW

Dermoscopic exam

Biopsy on the same day or afterwards

From a few days to several months

Diagnosis following histology results

- Surgery
  - Margin control
  - (Surgical revision)
  - Scar monitoring
- Non-invasive treatment
  - Treatment monitoring
- Benign skin lesions

WORKFLOW WITH deepLive®

Dermoscopy and LC-OCT imaging

Instant results, immediate diagnosis

- Margin delineation & surgery
  - Scar monitoring
- Non-invasive treatment
  - Treatment monitoring
- Benign skin lesions

DAMAE MEDICAL
see beyond appearances

References **1.** AI assisted Basal Cell Carcinoma Diagnosis with LC-OCT: A Multicentric Retrospective Study, JEADV 2025 **2.** Diagnostic Accuracy of Line-Field Confocal Optical Coherence Tomography for the Diagnosis of Skin Carcinomas - Cinotti et al. - Diagnostics 2023, 13, 361 - https://doi.org/10.3390/diagnostics13030361 **3.** Line-Field Confocal Optical Coherence Tomography May Enhance Monitoring of Superficial Basal Cell Carcinoma Treated with Imiquimod 5% Cream: A Pilot Study - Verzi et al. - Cancers. 2021; 13(19):4913. https://doi.org/10.3390/cancers13194913 **4.** Paradisi et al. Preoperative evaluation of high-risk basal cell carcinoma with line-field confocal optical coherence tomography (LC-OCT) reduces Mohs micrographic surgery stage number: A case-control study. EJC Skin Cancer (2023)

deepLive™ is a Class IIa medical device according to European Regulation 2017/745. The CE certificate was issued by GMED (notified body n°0459) in 2023. Manufactured in France and distributed by Damae Medical. Examinations performed with deepLive™ must be carried out exclusively by a healthcare professional trained by Damae Medical. Users are strongly advised to refer to the user manual and the device labeling to ensure proper and safe use.

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