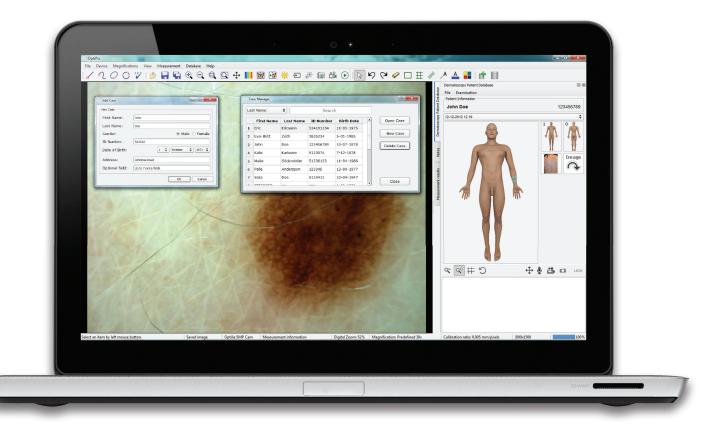# Opti*Pix* Dermatoscopy

Optilia's Dermatology Software

Optilia's OptiPix dermatoscopy software has a powerful and user-friendly interface for documenting, analysing and following-up patient examinations. OptiPix is built around a secure patient database system for image, text and data storage.

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Body Mapping and Image Acquisition	→	Comparision between live and up to 4 images	→	Measure, Analyse and Follow up	→	Archive using file system or database

Work Flow

Body Mapping

The system includes a sophisticated imaging platform for body mapping of lesions. Suspicious lesions can easily be marked on and linked to a body illustration or digital photos of the patient.

A DSLR camera can be connected to automatically transfer macro images. Each macro image can be used as it's own map and dermatoscope images can easily be marked on the map.

Showing how images are highlited on the body map

Analysis and Comparison

When the mapping is done the images can be analysed by for example using the different measurement tools.
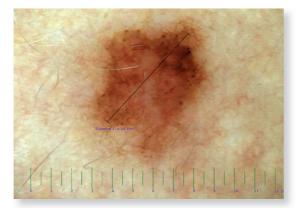
The follow up image can either be compared with a real time image or up to four captured images side by side. This gives a reliable comparison method where slight variations can be identified and monitored.

Measurements of a lesion

Comparision of same lesion
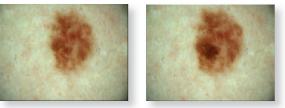
Flagging and Follow Up

Each spot can also be flagged as Follow Up or to be Surgical Removed. By flagging the lesion as follow up the system highlights and helps comparison of the lesion at the next examination. It is also possible to view an image history of a lesion.
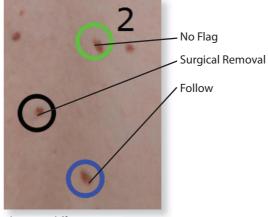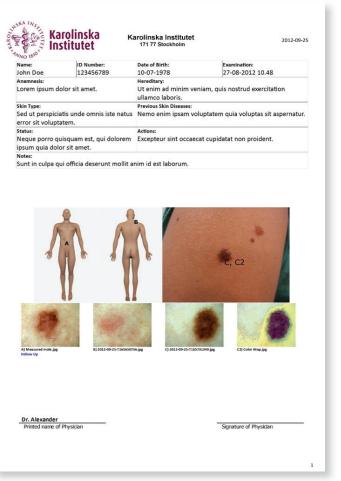

No Flag
Surgical Removal
Follow

Flagging different spots

Image history of a lesion

Documentation

OptiPix enables the user to annotate and comment on each image and the results can be printed, copied to excel sheets or created as an inspection report.

All the data can be collated into a detailed examination report. The report is customisable and changes can be saved as a template to reload for later usage.

Detailed examination report generate from OptiPix

OptiPix Features	Lite	Database
Database Management		
Encrypted Database		O
Case Management		O
Advanced Search and Sort		O
Crate Automatic Reports in PDF		O
Archiving		
File Folder System Management	O	O
Open/Save Images with Calibration	O	O
Dermatoscopy Specific		
Full Body Mapping of Images		O
DSLR Compatible for Macro Images		O
Flagging		O
Follow Up		O
Compare with Live and Freezed Image		O
Creating Customisable Report		O
Exporting Case		O
Compare Image (live and freezed)		O
Image manipulation		
Contrast, Brightness and Color Control		O
Flip image vertically/horizontally	O	O
Calibrated Measurements		
Calibrate User-defined Magnifications	O	O
Distance Measurement	O	O
Circle and Polygon Measurement		O
Angle and Curve Measurement		O
Free-form Area, length and perimeter		O
Count objects		O
Overlays on Live Image		
Adjustable Grid, Crosshair	O	O
Adjustable Rectangle		O
Calibrated Ruler		O
Digital Graticule		O
Others		
Annotations on Image	O	O
Change Item Size, Color and Font	O	O
Color Mapping, Black and White Conversion		O

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