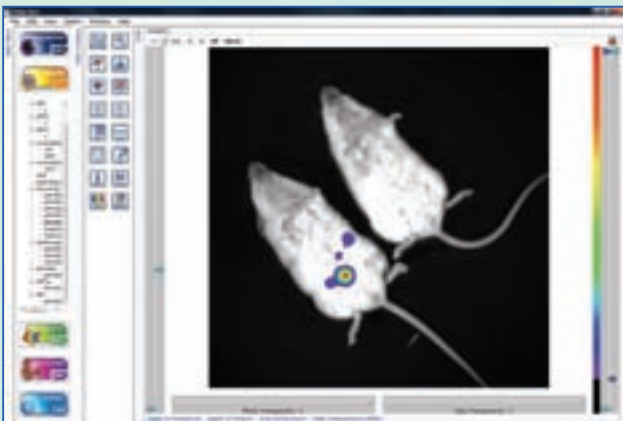
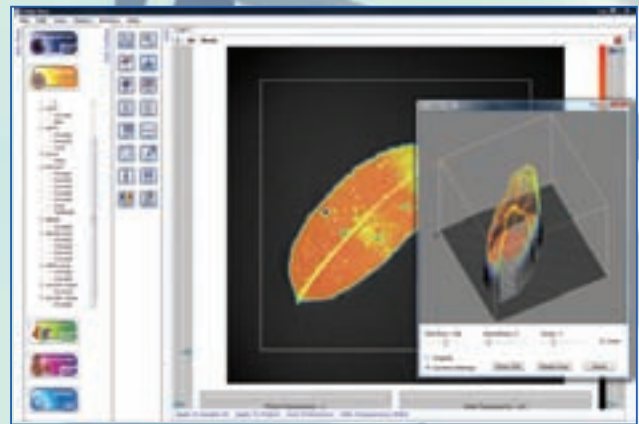


detect and identify



**indiGO™**

in vivo imaging software  
for NightOWL™

# indiGO™

in vivo imaging software for NightOWL™



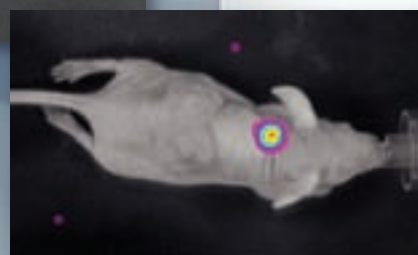
## ACQUISITION

Only 2 clicks to acquire an image – it's as easy as that!  
Add sample ID and a comment.  
Have a sequence number generated.  
Get true 16 bit TIF files.  
Raw and processed data are stored in separate files.



Black white photo

Luminescence image



Overlay image



## ANALYSIS

There is nothing more convenient than the use of rulers and toolbox buttons to access and change display, settings and analysis functions.



**Line Plot Function**



**Surface Plot Function**



**Peak Search**



**Excel Export**



**Arithmetics**



**SI Units**



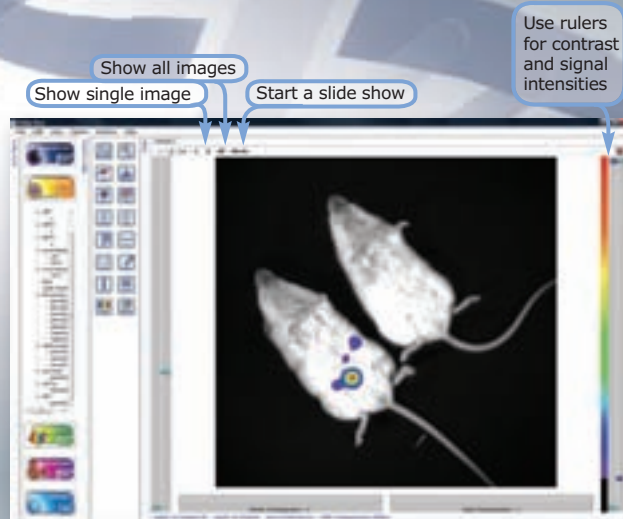
**Colour Scale**



**Multicolour Overlay**

**And many more as**

**Look-up Table · Zoom · Report · Grid · Note  
Manual area definition · Ruler · Info**







# PROJECTS

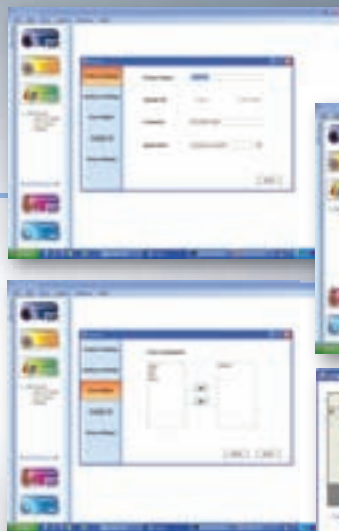
The PROJECTS part establishes a clear structure to all past, current and future measurements.

## Predefinition for Faster Evaluation

Pre-define analysis settings within a project to have analysis done automatically and the same way every time.

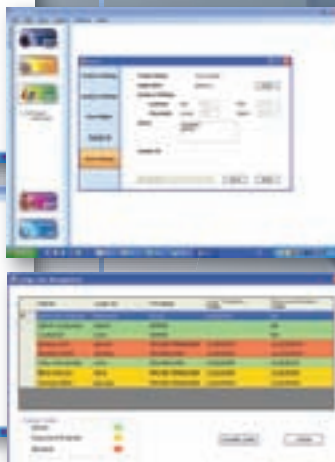
## User management

Each project manager can define user rights to allow or disallow access to the corresponding projects. Unauthorized access is denied.



## Sample ID Presets

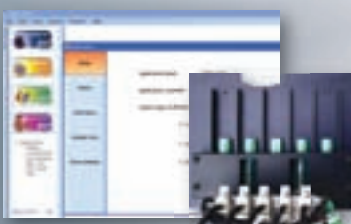
Simplify sample ID handling by defining sample ID pools by the project manager.



# APPLICATIONS

## Definition of Measurement Mode

- Choose "Single Mode" to enter individual sample IDs before each measurement
- Use the "Multiday Mode" when samples belong to a defined sample ID pool and the individual samples are monitored over several days.
- Select "Multiday Multisample Mode" when multiple samples are monitored at once. Each sample area is defined, automatically cut out in the image and stored as an individual image.



## Filter Definition

Define the location, the name, the peak wavelength, the bandwidth and the transmission of excitation and emission filters for the fluorescence dyes used.



## Quick and Easy Parameter Setting

Simply pick an operation

- Luminescence
- Fluorescence
- B/W Picture
- Gel Imaging
- Loop

Arrange the selected operations in a sequence. Define the individual settings of an operation.

When an application has been optimized, the same application can be run identically with new compounds using different project names.



# indiGO™

in vivo imaging software for NightOWL™



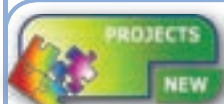
The indiGO™ software for NightOWL™ in-vivo imaging system allows complete hardware control and offers extensive tools for image evaluation. Five buttons guide you through the software:



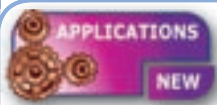
With a few clicks image ACQUISITION is done. Images are true 16-bit tif-files. Raw and processed data files are stored separately according to GLP rules.



In the convenient ANALYSIS part contrast, transparency and signal threshold can be easily set with rulers. All settings from one image can be applied to all images of a whole measurement series.



The PROJECTS part has been developed together with users. If an APPLICATION has been optimized, it can be run identically with new compounds using different project names.



Before starting any experiment measurement parameters have to be set under APPLICATIONS. An easy-to-use wizard will guide you through the software.



Get in CONTACT with BERTHOLD TECHNOLOGIES for software upgrade or online assistance. Via PC visit our technicians and application specialists can have direct access to your system enabling quick help and problem solution.



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