

# VAESTRO™

IMAGE ANALYSIS TOOLKIT

Advanced image analysis software to optimize your research and analysis.

- *extract data from your images*
- *substantiate claims*
- *advance your research*

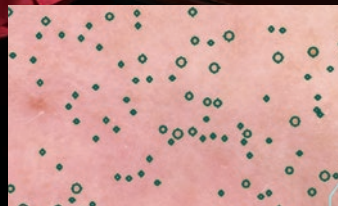


*Fully automated analysis with the ability to QC on the fly.*

Analysis scripts precisely detect, measure and count the photographic evidence in facial features such as:



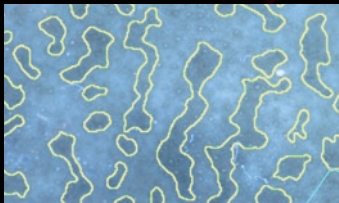
Fine lines and wrinkles



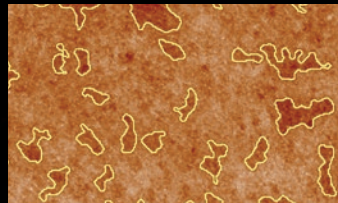
Pores



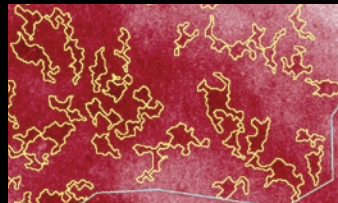
Surface spots



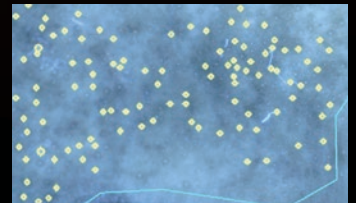
Invisible spots



Pigmentation



Vascularity



Porphyrins

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**VAESTRO** was developed for research scientists to generate analysis data for product efficacy, claim substantiation, and publication. Its collection of sophisticated, industry-tested algorithms can be assembled into a single, scripted workflow that can be audited and validated.

*Quantify outcomes.  
Substantiate claims.*



### Key features of VAESTRO Image Analysis Toolkit

- **Perform analysis unattended** Wizard-driven, customizable scripts provide flexible batch analysis.
- **Seamless integration with Canfield Mirror® database** for secure archival of source images.
- **Multiple data source linkage** Analyze images from multiple databases and sites.
- **Advanced query functions** for powerful image selection and filtering.
- **Camera RAW file support** enables image processing optimized for analysis.
- **Automatic or user-definable selection of the image with appropriate lighting modality** for the feature of interest.
- **Mask edit controls** allow for delineation of various target areas and registration of follow-up images.
- **Automatic or user-definable parameter settings** allows flexibility in identifying the features of interest.
- **Various analysis metrics** for targeted statistical analysis and data mining.
- **Visualization and analysis of Red and Brown data** with Canfield's exclusive **RBX® Technology**.
- **Independent review** Analysis results are compiled into an output folder that can be reviewed independent of the application.

## Additional Services

**Canfield provides the expertise needed to optimize your research and analysis functions.**

### Photography consultation

Canfield imaging experts can assist with determining optimal equipment, devices, lighting, environment, etc. for your photo documentation needs.

### Custom image capture systems

Canfield's engineers can design custom lighting, optical and stereotactic positioning devices for your specific needs.

**Training** is available—on-site and/or at Canfield's New Jersey headquarters.

### Image Analysis consultation

Canfield's technical team can help you identify the imaging options available to meet your analysis needs.

### Custom image analysis software development

Canfield can support your research needs by developing custom analysis algorithms, including various macros associated with Image Pro Plus.

### In-house image analysis services

For small or one-off projects, Canfield can perform image analysis services in-house and provide you with the results.



*Seamless integration with Canfield's VISIA®-CR facial imaging system provides a turnkey skin analysis solution for any researcher.*

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