

# VISIA-CR<sup>®</sup>



*high quality, reproducible  
facial imaging  
for clinical research*

IMAGING EXCELLENCE FROM  
 **CANFIELD**



# high quality, reproducible facial

## Easily document treatment efficacy with multiple lighting

VISIA-CR represents the culmination of extensive experience in clinical trials fused with the latest digital technology to provide a valuable tool for researchers. Whether your goal is quantitative analysis, subjective evaluation or both, VISIA-CR delivers excellent, standardized image capture for:

- wrinkles and fine lines
- skin texture
- coloration/evenness
- photodamage
- vascular features
- porphyrins (P. acnes)

Canfield's VISIA-CR combines the elegance of VISIA® with the sophistication and flexibility required for research.

### multiple lighting modalities

Photograph patients using standard light, UV, cross-polarization, parallel-polarization or any combination of these to enhance visualization of whatever skin features you wish to analyze.

### reproducible facial photography

Ensure reproducibility of images between time points with standardized lighting and built-in positioning aids enhanced with video overlay.

### direct capture into Mirror® software

Images captured with the VISIA-CR booth are saved directly to an electronic record in Canfield's Mirror software. The capture tool provides customizable shooting templates allowing multiple lighting modes to be captured in a single burst.



VISIA-CR brings a new level of sophistication and flexibility to research imaging.



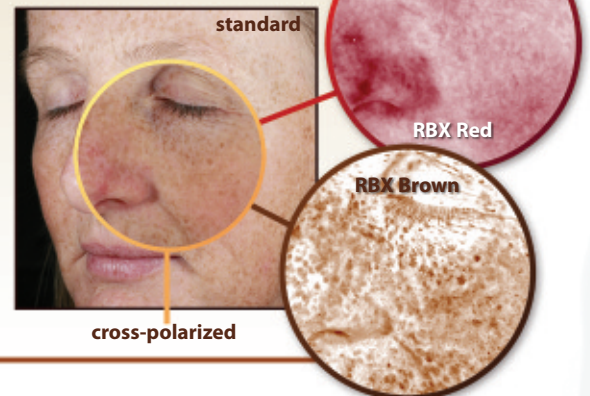
### RBX® Technology for Red/Brown subsurface dermal analysis

Canfield's proprietary RBX Technology leverages our extensive experience with color science and provides extraordinary visualization and analysis of subsurface melanin and vascular conditions.

Built upon an advanced understanding of the optical properties of skin and utilizing the color signatures of hemoglobin and melanin, RBX processing techniques can uniquely separate vascular vs. hyper-pigmented structures.

RBX Red data shows the unique color signatures of vascular conditions such as rosacea or spider veins.

RBX Brown data isolates the color signature of subsurface melanin concentrations such as sun damage and melasma.



# imaging for clinical research

modes and rapid capture of image sequences to Mirror® software.

**begin  
automated  
capture**

**Built-in lighting modes can be combined for your own automated imaging sequences.**

#### **Standard 1—general**

General purpose white light. Provides balanced cross-lighting for good subjective evaluation of most skin features.

#### **Standard 2—flat lighting**

Provides even, white light across the entire image with a minimum of highlight and shadow. Ideal for many quantitative image analysis applications.

#### **Standard 3—raking side light**

Strong white light coming from the sides of the booth.

#### **Standard 4—raking top light**

Strong white light coming primarily from the top of the booth.

#### **custom—user definable**

No restrictions are placed on flash or filter selections for virtually unlimited customized settings.

#### **parallel-polarized**

Polarized light source with a parallel polarizer over the lens. Passes only surface reflections for superior visualization of topographical data (wrinkles, fine lines, etc.).

#### **cross-polarized**

Polarized light source with a perpendicular polarizer over the lens. Filters out surface reflections for superior visualization of subsurface detail (vascular lesions, pigment, etc.).

#### **UV fluorescence**

Provides good visualization of porphyrins.

#### **UV spots**

Provides good visualization of pigmentation.

**VISIA-CR captures multiple lighting modalities in one computer-controlled sequence.**

**Standard 2—  
flat lighting**

**parallel-polarized**

**UV spots**

**cross-polarized**

**Acquire up to 7 images**

**in one burst from a**

**VISIA-CR user-definable**

**shooting template—**

**without technician intervention.**

**With fast, reproducible image capture and lighting modes**

**to enhance visualization of any skin feature under study, VISIA-CR**

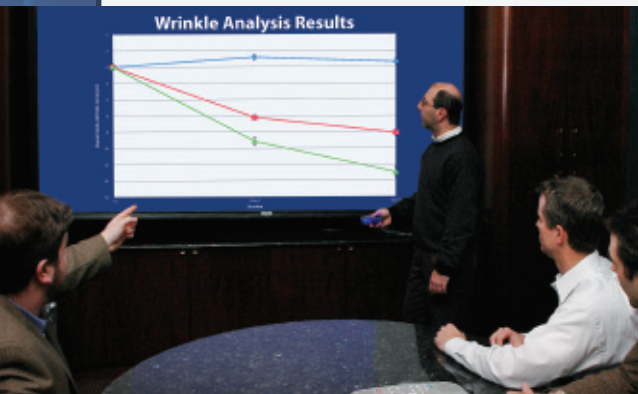
**represents an imaging breakthrough for clinical research.**

**seconds  
start to  
finish**

# maximize image processing | improve claim substantiation



Technical QC of auto analysis.



Quantify outcomes. Substantiate claims.

The simple, menu-driven interface lets you get it started and then leave the system to **perform analysis unattended.**

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

- surface spots
- fine lines and wrinkles
- pores
- pigmentation
- vascularity
- UV spots
- porphyrins

This essential clinical research software offers:

- Camera Raw file support for image processing
- automatic identification of correct images for the specified analysis
- powerful scripted batch analysis with ability to save custom templates
- choice of automatic or customized image masking and analysis
- source images securely archived in your Mirror® database
- Canfield's RBX® Technology for visualization of Red and Brown data

Wizard-driven script customization includes:

- various target area masking modes with follow-up image registration
- feature to be analyzed
- analysis metrics (quantity, severity, total coverage)
- area of analysis
- variable output options

VISIA-CR Image Analysis Toolkit *includes:*

- one 1-year renewable seat license with unlimited technical support
- one day of personal on-site training\*

\*Travel costs included (continental U.S. only, four weeks advance scheduling required).

VISIA-CR Image Analysis Toolkit puts powerful processing at your disposal to **extract all the data you need from your images, substantiate claims, and advance your research.**

## Key features of VISIA-CR facial imaging for clinical research

VISIA-CR generates **high-resolution** images in seconds.

**Rapid capture time** enhances workflow and ensures subjects maintain proper position for the duration of the capture set.

Includes **preset lighting modes** developed by clinical photography experts, ideal for capturing specific skin conditions.

Ensures **reproducible results** through subject positioning and image preview tools.

**Minimizes technician error** with built-in controls that allow only the images you specify to be captured.

**Mirror PhotoTools**, the software used to operate VISIA-CR, combines the ease-of-use and robust tools needed for the research or industrial workflow.

**Searchable** Images captured with VISIA-CR are fully searchable by attribute and user-defined parameters of multiple varieties. Mirror affords the research user a high degree of granularity in the search tools appropriate for large image databases.

**Flexible viewing** With Mirror, you can view baseline and follow-up images from one patient, or images from different patients side-by-side on screen.

**The Loupe Tool** lets you critically examine skin features up close.

Mirror also features **powerful image import/export tools** including the ability to batch rename files on export.

Seamless integration with **Image Analysis Toolkit** (sold separately; see above).



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