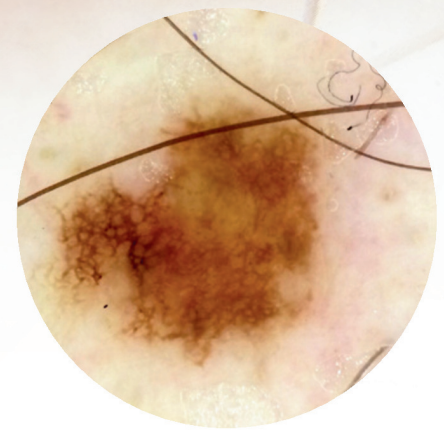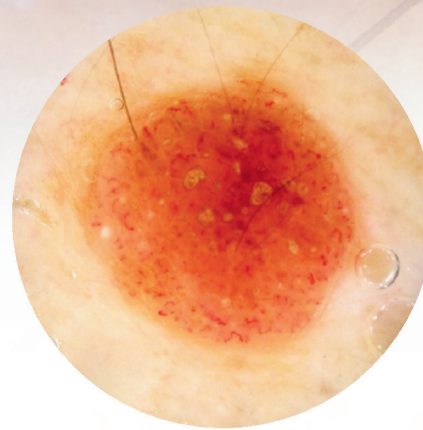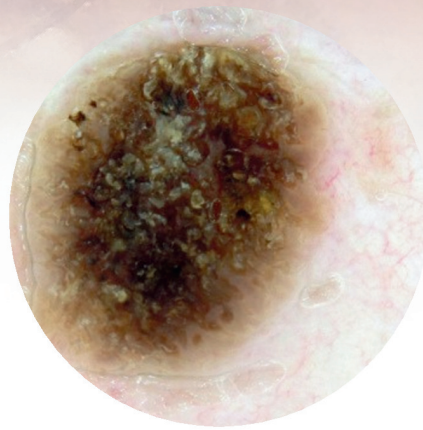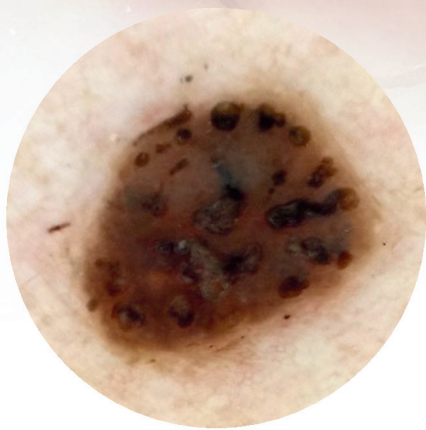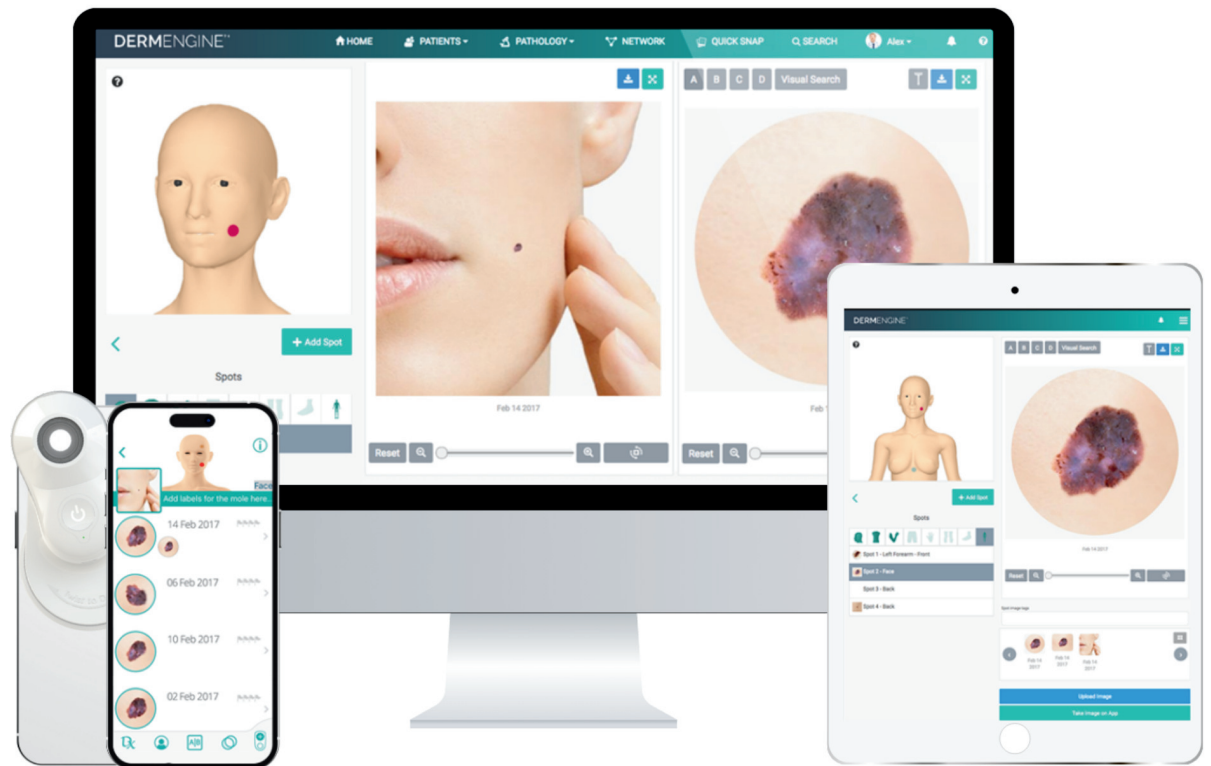# DERMENGINE™

by MetaOptima

Intelligent Dermatology
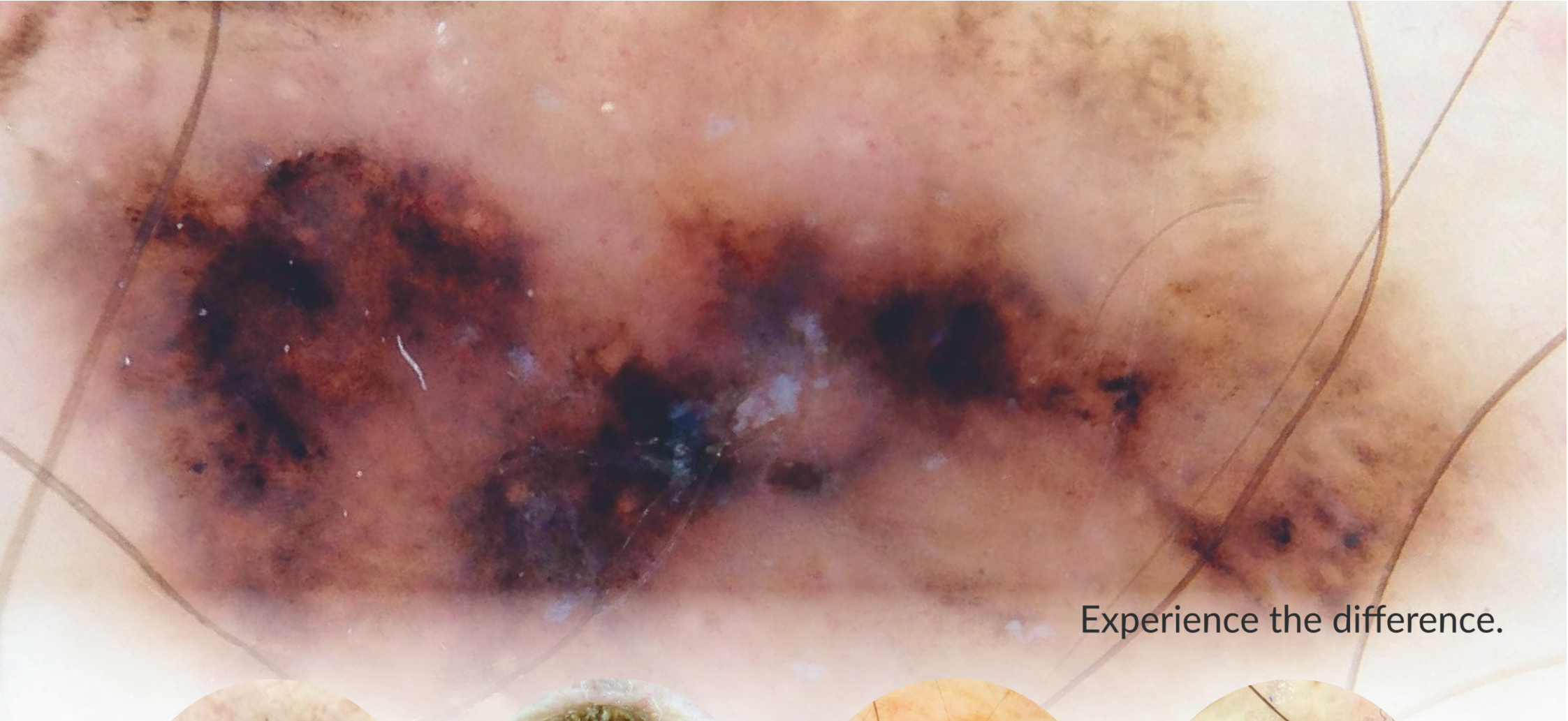
Experience the difference.

Photos taken with **MoleScope**

DERMENGINE

DermEngine is an intelligent dermatology platform for the imaging, documentation and analysis of skin conditions including skin cancer.

WHY DERMENGINE?

Powered by artificial intelligence (AI), this smart dermatology system helps you manage your busy workflows with secure cross-platform access so you can focus on your patients - not the process.

Quality

Efficiency

Accessibility

Increase revenue
Gain access to a larger number of qualified patients

Streamline care
Utilize smart features for optimized performance

Reduce costs
Eliminate inefficiencies and focus on productive services

Carousel of images
taken at different times

ADVANCED DERMOSCOPY

MoleScope is a mobile dermoscope designed to work seamlessly with DermEngine and other systems to capture high-quality dermoscopic images in real-time for in-depth analysis.

DermEngine is compatible with all dermatoscopes that have a phone connection, including MoleScope devices.

MoleScope II

Battery	Rechargeable lithium battery
Lighting	Cross-polarized
Contact Cap	Contact & non-contact caps
LED Control	4-min auto shut-off

Tech Specs

HIPAA SEAL OF COMPLIANCE — HIPAA VERIFIED

TGA Health Safety Regulation

bsi. ISO 13485:2016 Medical Device Quality Management
FM 669895

CE

MEDSAFE
NEW ZEALAND MEDICINES AND MEDICAL DEVICES SAFETY AUTHORITY
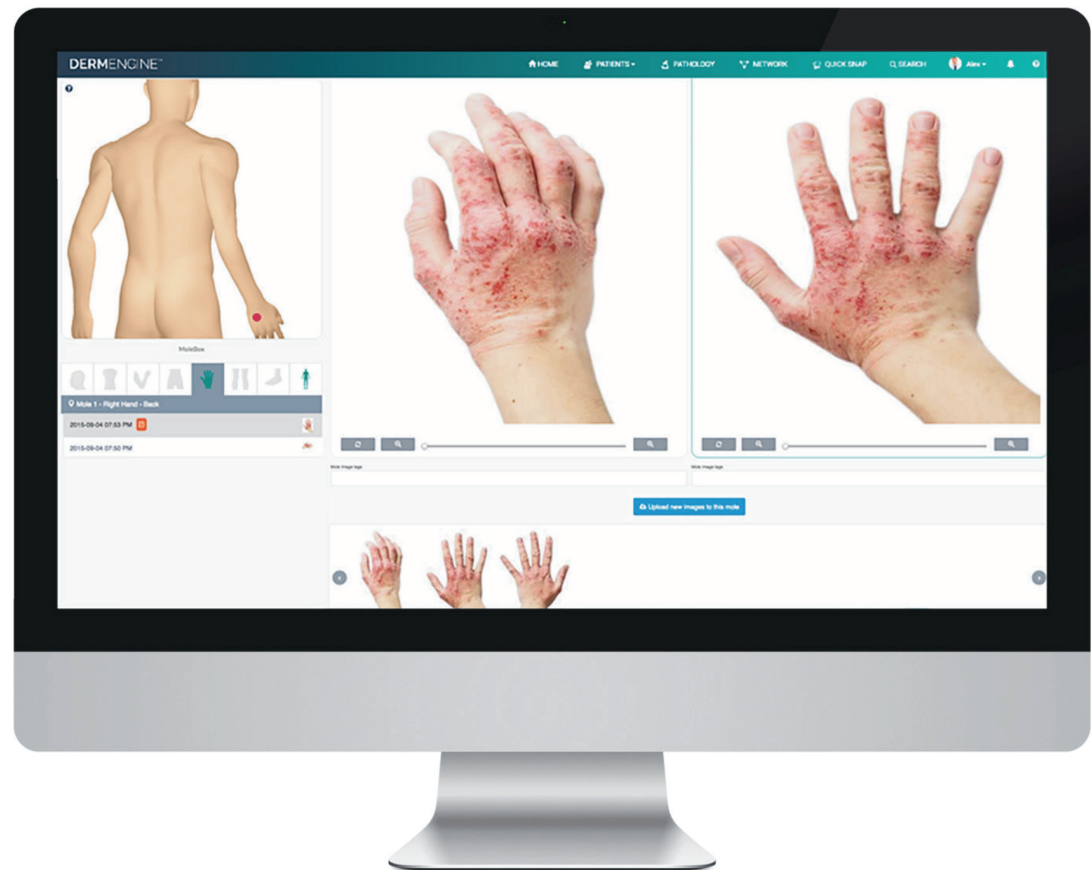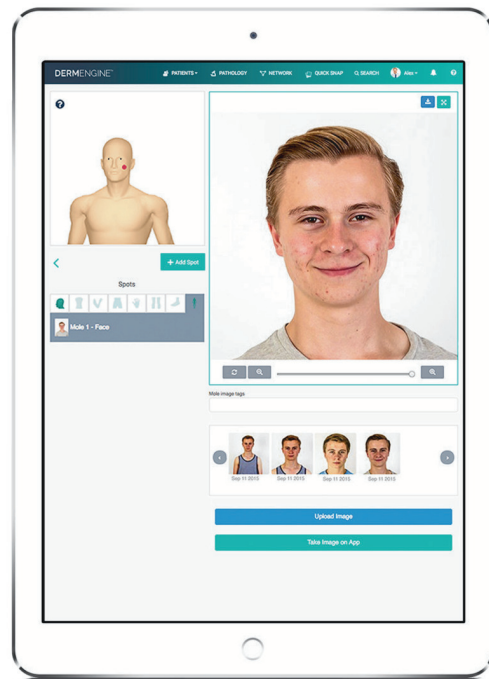
*MoleScope is FDA registered in addition to being compliant with local regulations.

GENERAL DERMATOLOGY

- Acne, dermatitis, psoriasis, rashes, etc.
- Hair and nail problems
- Skin surgery and plastics
- Wound care
- Skin care and cosmetics

TOTAL BODY PHOTOGRAPHY

DermEngine's total body photography is powered by artificial intelligence to offer the latest tools to aid in the ongoing imaging, tracking, and management of skin conditions.
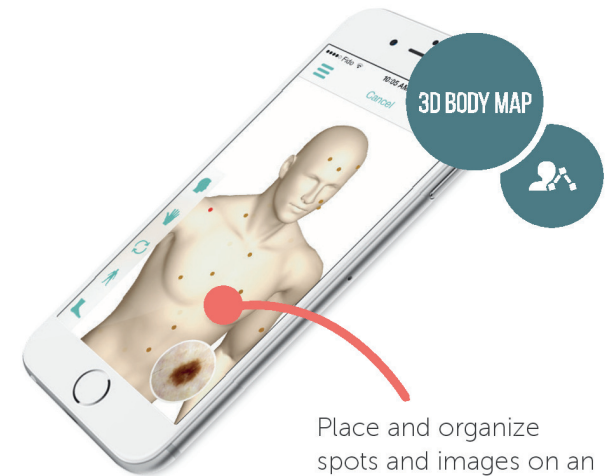
3D BODY MAP

Place and organize spots and images on an interactive 3D body map

Lesion Mapping
Automatically map all spots on a patient's back to a 3D Body Map - no more manual uploads
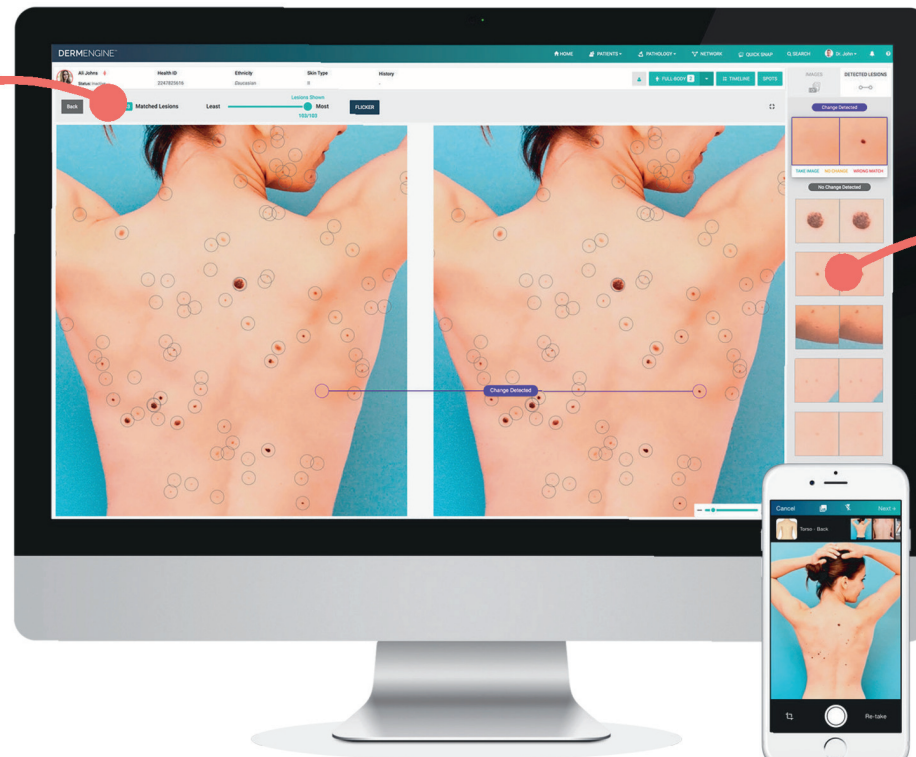
Lesion Matching
Identify changes to the skin over time, prioritized by amount of change
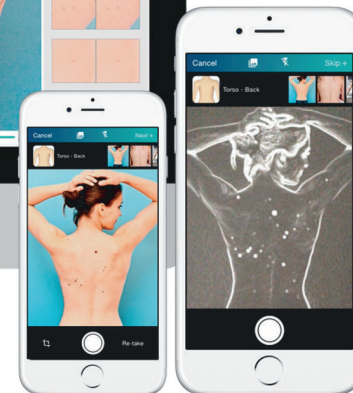
ENHANCED WITH OPTIMALIGHT

Bright and uniform lighting for your total body photography sessions. This design maintains the portability and maneuverability associated with smartphone imaging.

Customizable lighting
to adjust to any scenario

Cross-polarized lighting
for reduced glare and
improved image quality

Compatible
with the most popular
Apple & Samsung
smartphone models

CLINICAL
DECISION
SUPPORT TOOLS

SAVING COSTS

SAVING LIVES

SAVING TIME

DERMENGINE
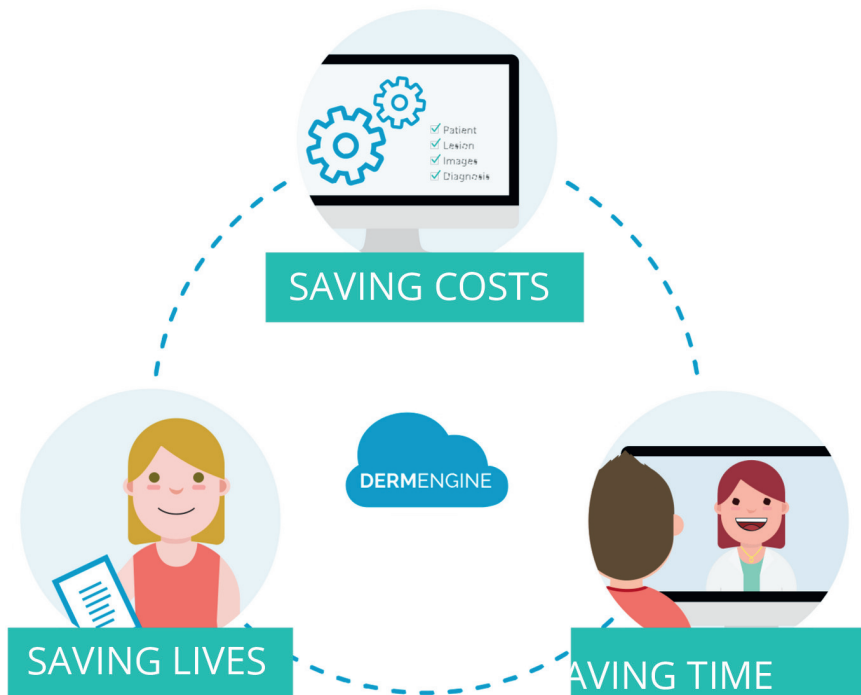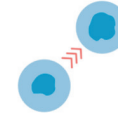
Visual Search

Evolution Tracker
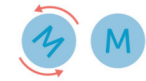
Smart Image Rotation

Template Guided Imaging

Report Creation

Lesion Matching

Advanced Search

3D Body Map

Customized Forms

Smart Templates

Clinic Analytics

Smart Snap

INTELLIGENT DERMATOLOGY

Visual Search

Our augmented intelligence infrastructure equips healthcare providers with clinical decision support to empower users on the front lines of care.

Find similar lesions automatically and compare side by side

Visual report of analysis results in the form of charts and graphs
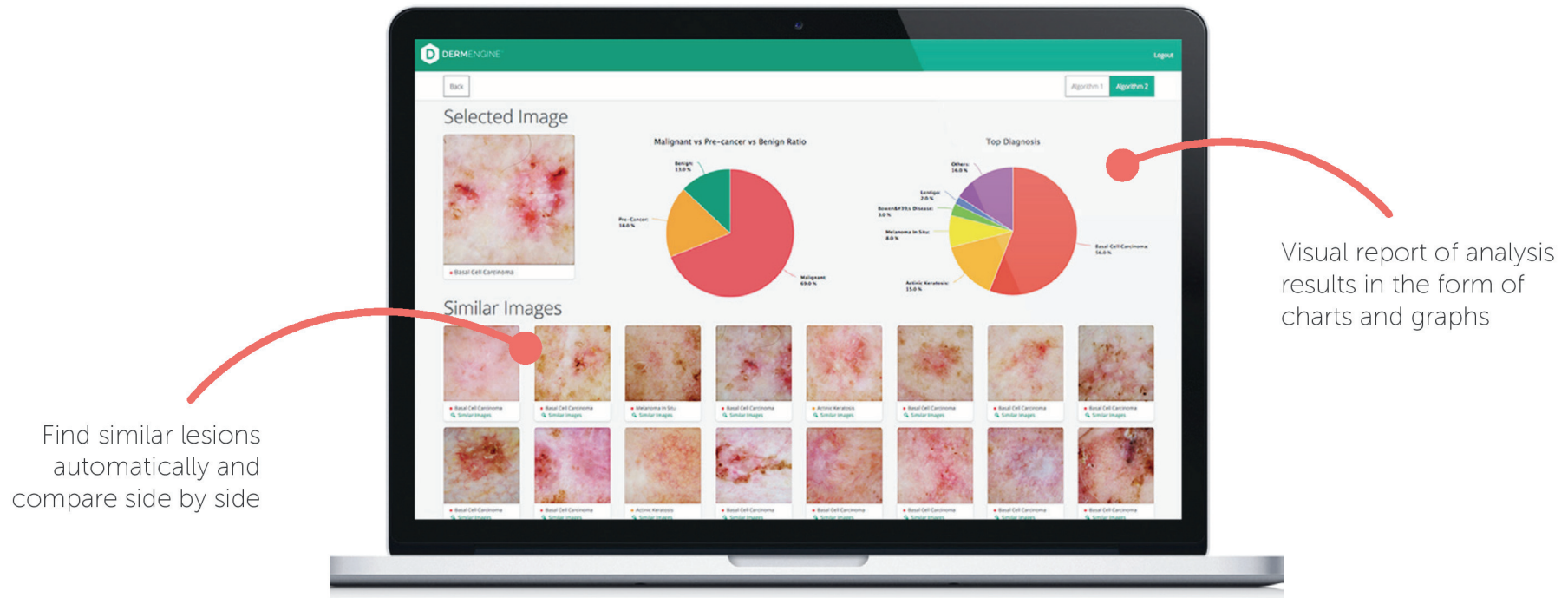
*Please note Visual Search is for educational purposes only. The statistics depend on the database we retrieve similar images from. It is not a diagnostic tool and does not replace the consultation of a trained medical professional.

DIAGNOSTIC SUPPORT WITH ARTIFICIAL INTELLIGENCE
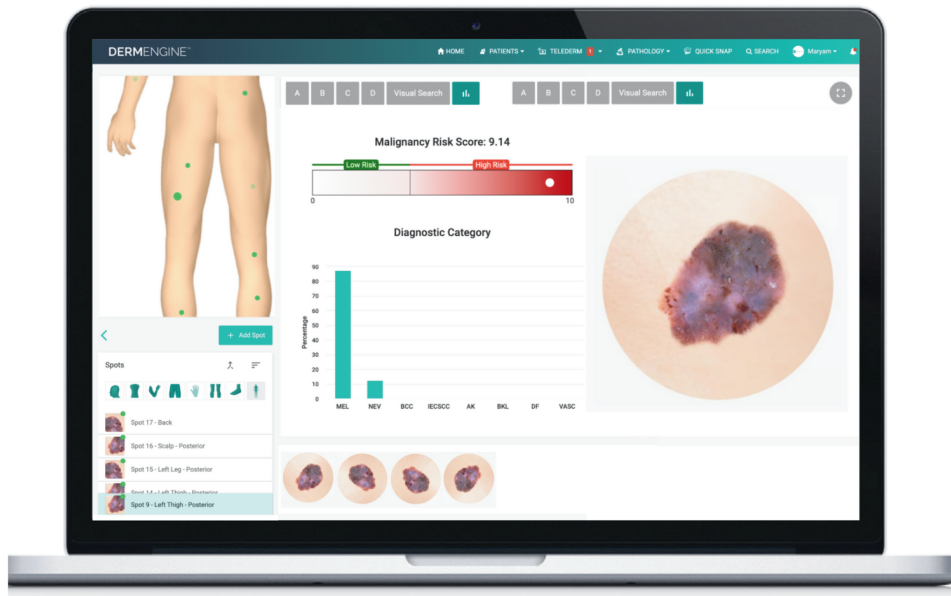
DermDx AI

Skin Lesion Classification Algorithm

DermDx is a supplementary diagnostic tool with artificial intelligence (AI) designed to assist medical professionals in identifying potential skin cancer cases. Recognized with the FDA's Breakthrough Device designation, it integrates real-world clinical data to provide accurate recommendations across diverse skin conditions, unlike some algorithms that are trained solely on curated datasets, DermDx is continuously evolving.

DermDx enhances clinical decision-making with high sensitivity and specificity, ensuring precise evaluations for better patient care.

*If you are interested in experimental use of DermDx AI or joining our clinical research & trials, visit here.

ENTERPRISE MARKETING SOLUTIONS

We offer an intuitive turnkey setup alongside customizable solutions for practices and patients alike; DermEngine can be branded to your business to increase the number of touch points with doctors.

Private labelling includes integrated and branded:

- DermEngine web browser (colour scheme & logo) for your doctors and admin
- Mobile apps (iOS & Android) for end users
- Patient appointment booking and registration pages
- Home dermoscopy kit (complete with MoleScope device)

INTEGRATION

- Simplified workflows
- Connected solutions
- Optimized communications
- Enhanced business intelligence

Genie Solutions

Best Practice
An evolution in GP software

medtech
EVOLUTION

MedicalDirector®

ZEDMED
FOCUSED INNOVATION

profile

myPractice
the friendlier EMR

dermo
scan GmbH

Epic

shexie

Cerner

Modernizing
Medicine

and more...

MoleMax HD

DERMOSCOPIX
Skin imaging software for Medical Professionals

FotoFinder®
bodystudio ATBM

FotoFinder Hub
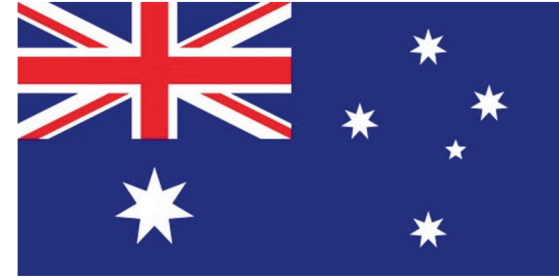
and more...

MIGRATION

- Maintain access to existing data
- Experience a new, accessible platform
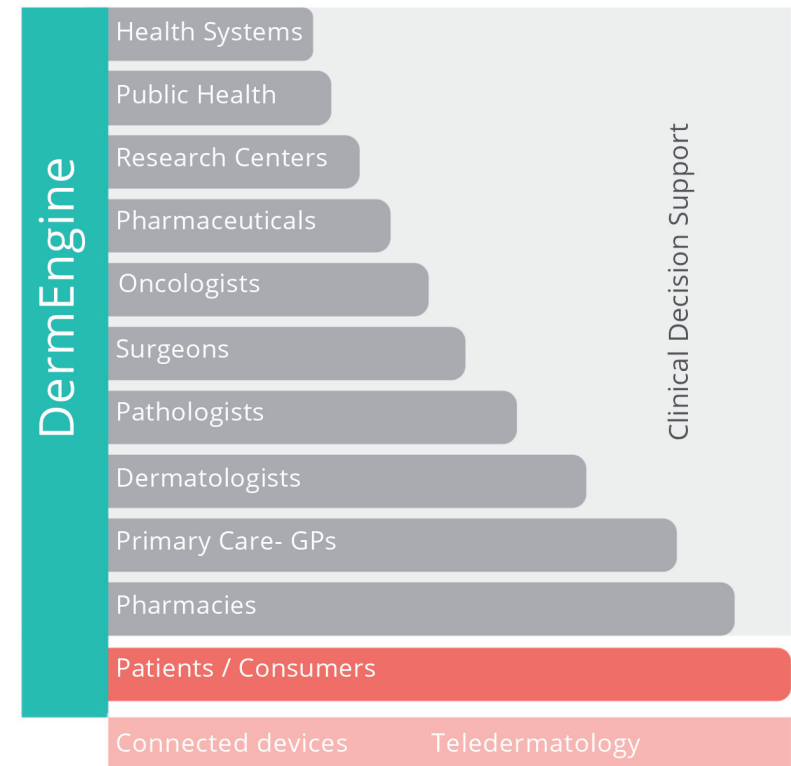- Enhance your practice management

GDPR   HIPAA   APPs

PRIVACY & SECURITY

DermEngine follows rules and regulations set out on a global scale to ensure our platform remains at the forefront of security and reliability, complying with GDPR, HIPAA, and APPs.

Vertical Integration of Artificial Intelligence

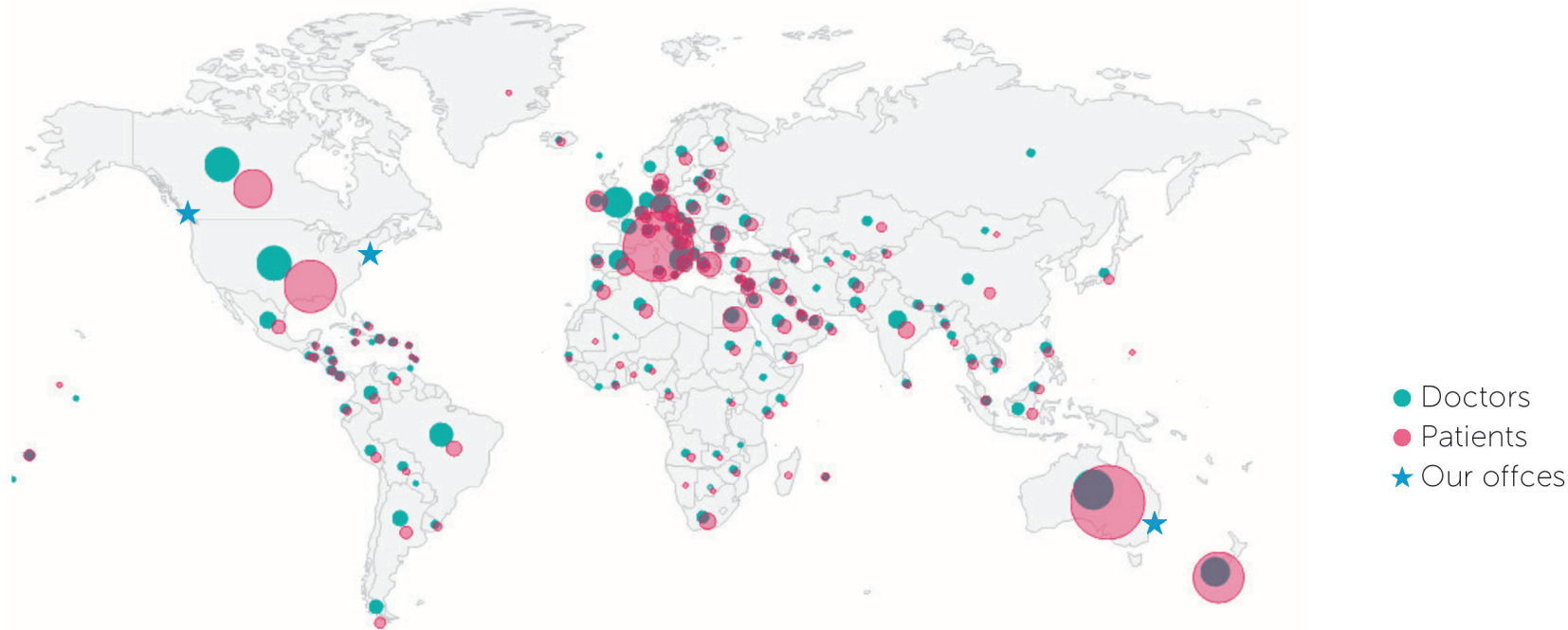| DermEngine		Clinical Decision Support
	Health Systems	
	Public Health	
	Research Centers	
	Pharmaceuticals	
	Oncologists	
	Surgeons	
	Pathologists	
	Dermatologists	
	Primary Care- GPs	
	Pharmacies	
	Patients / Consumers	
	Connected devices Teledermatology	

INTELLIGENT ECOSYSTEM

Our solution is designed to support centers of excellence and their healthcare providers for a comprehensive patient-centric model focused on results.

ISIC 2018
WINNER

WORLDWIDE RECOGNITION

Developed by a team of scientists and engineers, we have created award-winning algorithms (ISIC 2018) for intelligent dermatology.

- Backed by over 20 scientific publications
- Proudly serving major centers of excellence around the world
- Global offices in the United States, Australia, and Canada

- Doctors
- Patients
- ★ Our offces

4. Comprehensive report is sent to the user

1. User takes images of spot

3. Medical experts reviews the images

2. Images are securely sent to medical experts through DermEngine

TAKING YOUR PRACTICE ONLINE

With the MoleScope platform, patients can perform routine imaging from home, send high quality dermoscopic images using MoleScope devices, and review their case directly through the MoleScope patient portal.

Through the power of MoleScope and DermEngine, patients and dermatologists have the opportunity to indulge in a patient-centric ecosystem that promotes participation and efficiency at each point of the care cycle.

YOUR CLINIC MADE INTELLIGENT

DermEngine is brought to you by

Canada

Australia

🌐 metaoptima.com

✉ info@metaoptima.com

✉ australia@metaoptima.com

📷 @MetaOptima

📞 +1-778-328-1949

📞 +612-9052-9063