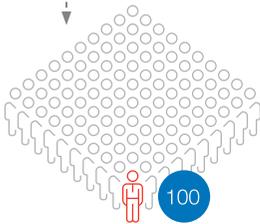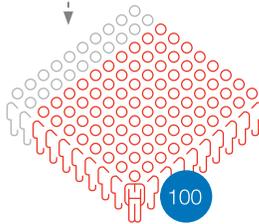# Melanoma

Melanoma is the deadliest form of skin cancer and rates have been rising over the past 30 years.

Although it accounts for only **1% OF SKIN CANCERS**...
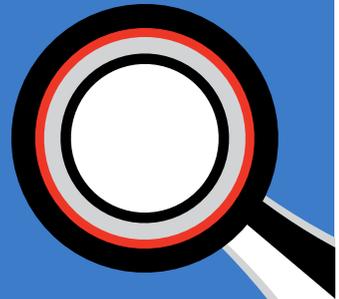
...it is responsible for **THE MAJORITY OF SKIN CANCER RELATED DEATHS.**

100

100

When providers are appropriately trained, dermatoscopes are a cost-effective, accurate and easy-to-use tool for providers to detect melanoma at its earliest stages, when it is easiest to treat.

Dermatoscope

Dermatoscopes are:

- ▶ Skin assessment tools used by providers to image skin lesions
- ▶ Low tech, inexpensive hand held devices
- ▶ 10X-40X magnifier with LED or polarized light

Skillful interpretation of dermoscopic images can help providers:

- ▶ Identify subtle features of malignancy in skin lesions that are difficult to detect by eye
- ▶ Detect melanoma at earlier stages
- ▶ Reduce the number of benign biopsies needed

Early Melanoma Detection Program

The DERM: Early Melanoma Detection (EMD) program is supported by MD Anderson's Melanoma Moon Shot™ and uses the Project ECHO (Extension for Community Healthcare Outcomes) telementoring platform to engage and connect providers with pigmented lesion experts at MD Anderson and other academic institutions. The sessions educate providers on dermoscopy skills and are offered in two tracks.

	DERM: EMD	PCP: EMD
Audience	Dermatologists, dermatology residents and advanced practice providers	Primary care physicians (PCPs)
Curriculum	Didactic lectures, case presentations and integrated educational metrics on diagnosing melanoma and other skin cancers by dermoscopy	Diagnostic procedures, educational metrics, and dermoscopy training education adapted from DERM:EMD and existing curricula
	CME credits	CME credits
Location	Texas, California, Indiana, Missouri, Oregon and Utah	Texas regions with high rates of melanoma mortality and/or stage of diagnosis
Additional Resources	Image repository: captures biopsy proven dermoscopic images for use in provider training and for development of algorithms for artificial intelligence	PCPs in regions with limited dermatology services are connected to a network of dermatologists for assistance with challenging skin cancer cases

For more information:

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