Dermoscopy
Two Step Algorithm

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AAD Annual Meeting, March 2019
Skin Lesion

Step 1

Melanocytic

Non-Melanocytic

Benign
DF, SK, HG, CCA

Malignant
BCC, SCC

Step 2

Nevus (Reassure)

Suspicious (Biopsy/STM*)

Melanoma (Biopsy)

DERMATOSCOPIC PATTERNS/STRUCTURES ASSOCIATED WITH MELANOCYTIC LESIONS

- Pigment/negative network
- Angulated/Polygonal lines
- Globules
- Streaks
- Homogenous blue pigmentation
- Pseudonetwork (facial skin)
- Parallel pigmentation (palms/soles/nails)

Melanocytic

- Symmetric
  - Homogenous distribution (colors and structures)

- Asymmetry/Irregular distribution
  - Blue-white veil
  - Atypical vessels
  - Regression

Benign

Malignant/Suspicious
DEPTH OF MELANIN DETERMINES COLOR
COMMON MELANOCYTIC STRUCTURES

Network

- Pigment network
- Negative network
- Angulated/polygonal lines
COMMON MELANOCYTIC STRUCTURES

- NETWORK/LINES
- GLOBULES/DOTS
- STREAKS
- HOMOGENEOUS
- PSEUDONETWORK (Face)
- PARALLEL (Acral)
DERMATOSCOPIC PATTERNS/STRUCTURES ASSOCIATED WITH MELANOCYTIC LESIONS

Pigment/negative network
Polygonal lines
Globules
Streaks
Homogenous blue pigmentation
Pseudonetwork (facial skin)
Parallel pigmentation (palms/soles/nails)

Non-melanocytic

Leaf-like areas
Blue-grey ovoid nests/globules
Spoke-wheels
Arborizing vessels
Ulceration

Focal glomerular vessels
Rosettes
Keratin pearls
Yellow scale
Brown globules/dots radially at periphery

Milia-like cysts
Comedo-like openings
Fissures and ridges
Moth-eaten borders

Red, purple, blue-black lacunae

Vascular structures

BCC

SCC

Seborrheic Keratosis

Angioma/Hemangioma

Dermatofibroma

Exception
Central white/pale scar
Peripheral fine network