Dermoscopy of the Face and Lentigo Maligna

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F023 – Dermoscopy for the Non-Dermoscopist
2:00pm, Friday, March 3, 2017

DISCLOSURE OF RELATIONSHIPS WITH INDUSTRY

Tracey N. Liebman, M.D., F.A.A.D.
F023: Dermoscopy for the Non-Dermoscopist

DISCLOSURES
I do not have any relevant relationships with industry.
- Approach to Dermoscopy on the Face
- Dermoscopic features of Lentigo Maligna
  - Gray dots
  - Asymmetric follicular openings
  - Rhomboidal structures
  - Homogenous areas

Pigmented macules on sun-damaged skin on the head/neck

- Melanoma in situ
- Pigmented Actinic Keratosis
- Solar lentigo/
  Seborrheic keratosis/
  LPLK

Zalaudek et al Clinics in Dermatology, 2014
Dermoscopy of the Face:
Remember that there are **different rules**

Regular pigment network  Pseudonetwork

Lallas et al, Clinics in Dermatology, 2014

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**Dermoscopy algorithm for the face**

- **Lesion of concern**
- Melanoma specific features
- Specific features of an alternative diagnosis: SK, BCC, angioma, lentigo
- Not sure
Dermoscopy of lentigo maligna

- Lentigo maligna tracks down hair follicles
- Explains why dermoscopic features of lentigo maligna surround hair follicles

Dermoscopic Features in Lentigo Maligna

- Gray Dots
- Asymmetric follicular openings
- Rhomboidal structures
- Homogenous areas

At least one of these features was present in 87% of 125 cases of LM

Schiffer, et al. JAAD 2000
Gray dots are **not** 100% specific

What lesion types can have gray dots?

- Lentigo maligna
- Lichen planus-like keratosis (LPLK)
- Pigmented AK
- Lentigo

Look for:

- Dark pigment around follicles forming geometric shapes (rhomboids)
The 'Lone Ranger’ Sign

Homogenous areas/blotches
May respect or obliterate hair follicles

Dermoscopic Features in Lentigo Maligna

Dermoscopy algorithm for the face

Lesion of concern

Melanoma specific features

- Gray dots
- Asymmetric follicular openings
- Rhomboidal structures
- Blotches

Specific features of an alternative diagnosis:
SK, BCC, angioma, lentigo

Not sure

Thank you
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