Annotation Guide – 2024 – Group I
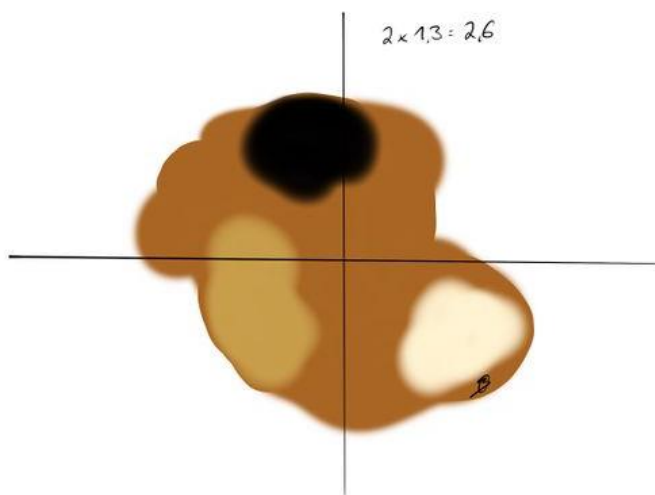
https://dermoscopedia.org/ABCD_rule

Asymmetry:

To check for asymmetry, cut the lesion in half and check whether the two halves are the same shape.

After cutting the image, if asymmetry is absent, the asymmetry score is 0. If there is asymmetry on only one axis, the score is 1. Asymmetry in both axes would give 2 points.
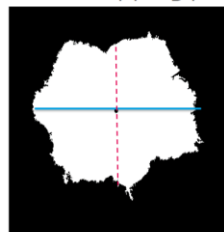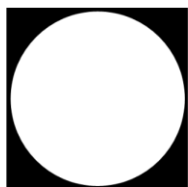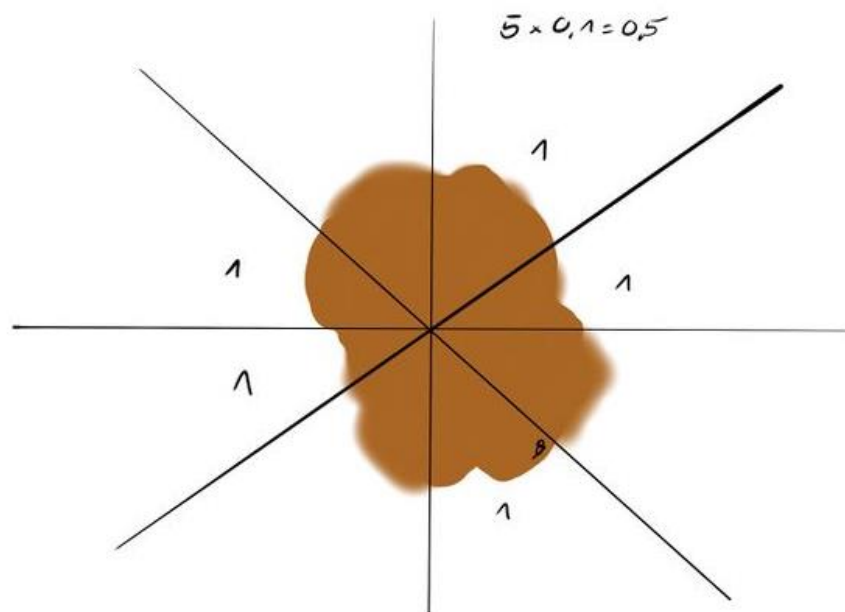
    Example:

Features for skin lesions

Asymmetry:
• "Fold" the shape, look at non-overlapping parts

Border:

Either the border is evenly/smoothly round or not. If it is, 0 points, if it is irregular, 1 point.

$5 \times 0{,}1 = 0{,}5$

Color:

There are 6 important colors: White, red, light brown, dark brown, blue-gray and black.

"Brown, black, blue-gray colors correspond with melanin distribution, white color corresponds with regression and red color reflects the degree of inflammation or neovascularization. The color white is considered to be present only if the area in question is lighter (whiter) in color than the adjacent color of normal skin. The values for the color score range from 1 to 6."

Asymmetry: 0 (symmetric)

Border (evenness): 0 (even border)

Color: 3

White, red, light brown, dark brown, blue-gray and black

2:

Asymmetry: 1 (1-axis asymmetric)

Border (evenness): 0 (even border)

Color: 3

White, red, light brown, dark brown, blue-gray and black

3:

Asymmetry: 1

Border (evenness): 1

Color: 2

White, red, light brown, dark brown, blue-gray and black

4:

Asymmetry: 2

Border (evenness): 0

Color: 4

White, red, light brown, dark brown, blue-gray and black
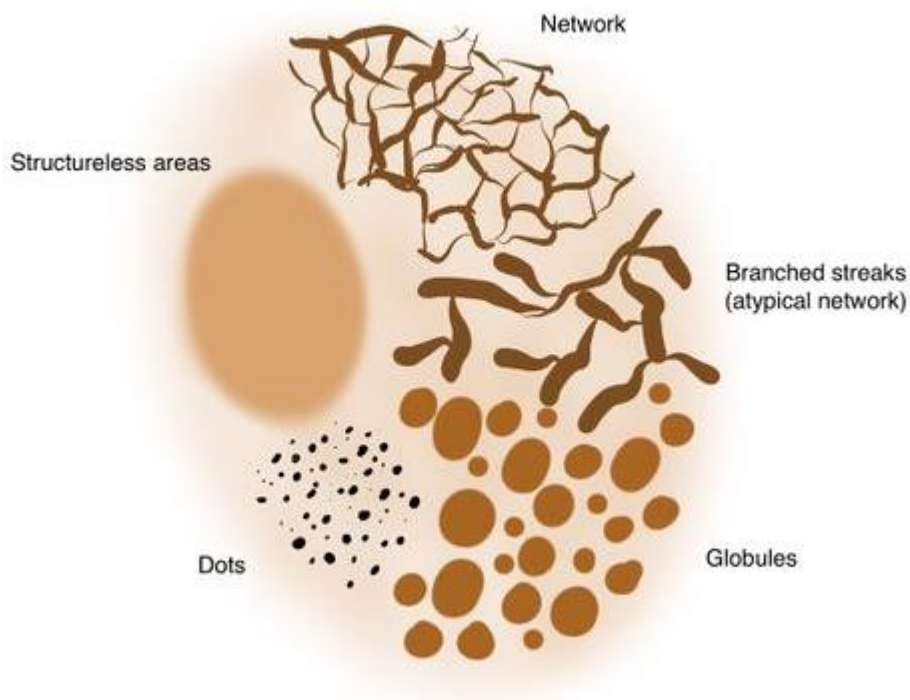
5:

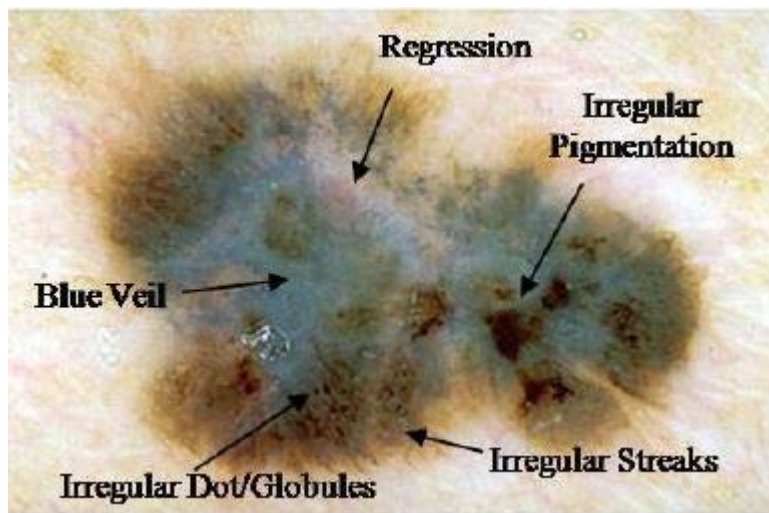Asymmetry: 2

Border (evenness): 1

Color: 3

White, red, light brown, dark brown, blue-gray and black
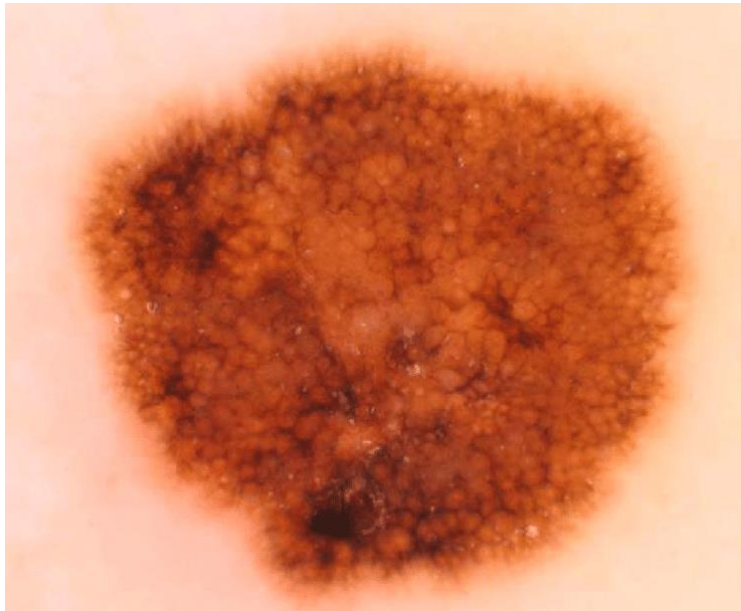
(OPTIONAL FOR NOW) **Dermoscopic structures:**

This is complicated, but basically we have five structures to look for: structureless areas, pigment network, branched streaks (atypical network), dots and globules

General guide:

Atypical pigment network:
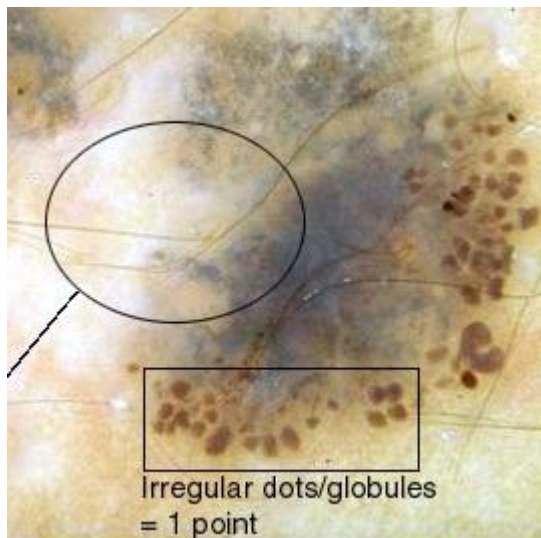

Blue-white Veil:
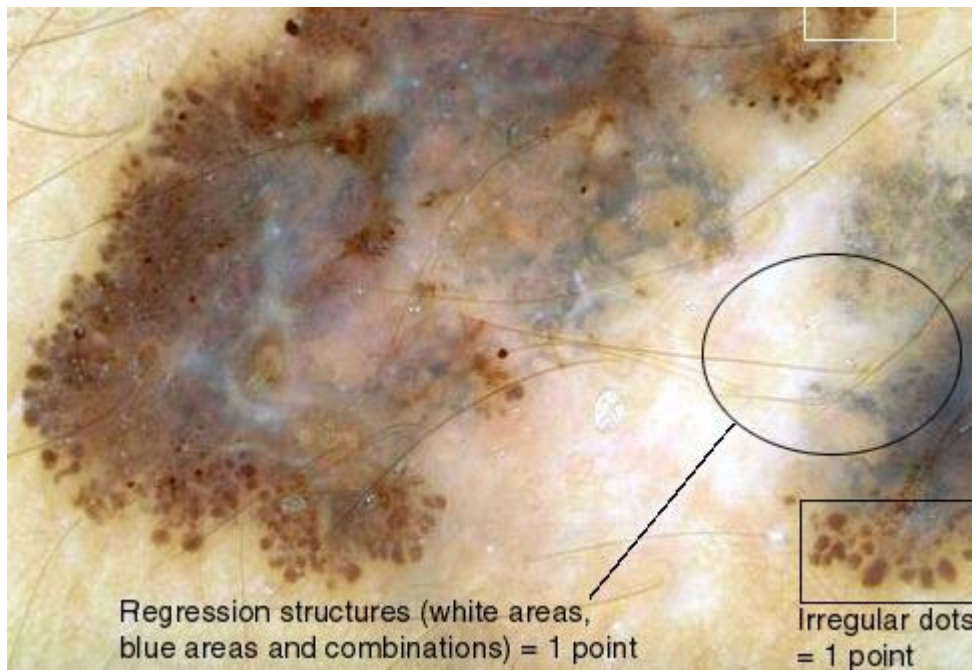
Atypical vascular pattern:

Irregular streaks:

Irregular dots/globules:

Irregular blotches:

Regression structures:

Regression structures (white areas, blue areas and combinations) = 1 point

Irregular dots = 1 point

ANNOTATION GUIDE of our 5:

1:

Atypical pigment network: No/Not Present

Blue-white Veil: Yes/Present

Atypical vascular pattern: Maybe?

Irregular streaks: No/Not Present

Irregular dots/globules: Yes/Present

Irregular blotches: No/Not Present

Regression structures: Yes/Present

2:

Atypical pigment network:

Blue-white Veil:

Atypical vascular pattern:

Irregular streaks:

Irregular dots/globules:

Irregular blotches:

Regression structures:

3:

Atypical pigment network:

Blue-white Veil:

Atypical vascular pattern:

Irregular streaks:

Irregular dots/globules:

Irregular blotches:

Regression structures:

4:

Atypical pigment network:

Blue-white Veil:

Atypical vascular pattern:

Irregular streaks:

Irregular dots/globules:

Irregular blotches:

Regression structures:

5:

Atypical pigment network:

Blue-white Veil:

Atypical vascular pattern:

Irregular streaks:

Irregular dots/globules:

Irregular blotches:

Regression structures: