

Dermoscopic Features of Melanoma / Feature Rank

Approximate Rank	Dermoscopic Feature	Relative Likelihood of Melanoma	Comments
1	Blue-white veil	Very high	One of the most specific classic melanoma clues; associated with invasive disease.
2	Atypical vascular pattern (polymorphous vessels)	Very high	Especially important in hypomelanotic/amelanotic melanoma.
3	Regression structures (peppering + scar-like depigmentation)	Very high	Strong predictor when asymmetric and combined with other atypical features.
4	Irregular streaks / pseudopods	High	Reflect radial growth; peripheral asymmetry increases concern.
5	Negative network	High	Particularly associated with melanoma and Spitz spectrum lesions.
6	Atypical pigment network	High	Irregular mesh size, thickness, and distribution.
7	Multiple colors (>3 colors)	High	Black, brown, blue-gray, white, red are especially concerning when asymmetric.
8	Irregular dots and globules	Moderate-high	Variation in size, shape, color, and distribution is key.
9	Asymmetric multicomponent pattern	Moderate-high	Multiple dermoscopic structures distributed asymmetrically.
10	Structureless areas (especially blue, gray, white)	Moderate-high	More concerning when eccentric or combined with other atypical features.
11	Shiny white lines (polarized dermoscopy)	Moderate	Often correlate with invasive melanoma but not specific.
12	Gray color / gray structures	Moderate	Particularly important in facial and lentigo maligna melanoma.
13	Chaos (asymmetry of color and structure)	Moderate	Foundation of the Chaos & Clues algorithm.
14	Peripheral black dots/clods	Moderate	Suggest active radial growth.
15	Broad network, eccentric hyperpigmentation	Lower-moderate	Supportive but less specific alone.

Highest-Yield Board Review Pearls

Feature	Board-Relevant Association
Blue-white veil	Most classic invasive melanoma clue
Regression + peppering	Strong melanoma predictor
Polymorphous vessels	Think amelanotic melanoma
Pseudopods/radial streaming	Active radial growth phase
≥3 colors	Significantly increases suspicion
Negative network	High-yield melanoma feature
Asymmetric multicomponent pattern	Common dermoscopic appearance of melanoma
Chaos + one clue	Basis of the Chaos & Clues diagnostic algorithm