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Fig. S1. 100 test images. Images with the following numbers were nail apparatus melanoma: 002, 008, 009, 011, 018, 023, 026, 037, 043, 047, 049, 053, 056, 060, 066, 072, 086, 089, 096, and 100. Remaining images were benign nail streaks.



Fig. S2. Representative test images. Panel A. Nail apparatus melanoma in situ. Panel B. Melanocytic nevus. A, Brown-to-black nail streaks on the left thumb of a 63-year-old man. The melanoma discrimination index (MDI) calculated by the program was 105 (i.e., ≥ 40). Nine of 29 dermatologists (31.0%) and 1 of 8 non-dermatologists (12.5%) determined this as malignancy. Nineteen dermatologists (65.5%) decided for immediate biopsy. B, Light brown nail streaks on the right 3rd finger of a 42-year-old woman. The MDI calculated by the program was 31 (i.e., < 40). Four of 29 dermatologists (13.8%) and none of 8 non-dermatologists (0%) determined this as malignancy. Nine dermatologists (31.0%) decided for immediate biopsy. Original magnification x10.

