

PATIENT INFORMATION

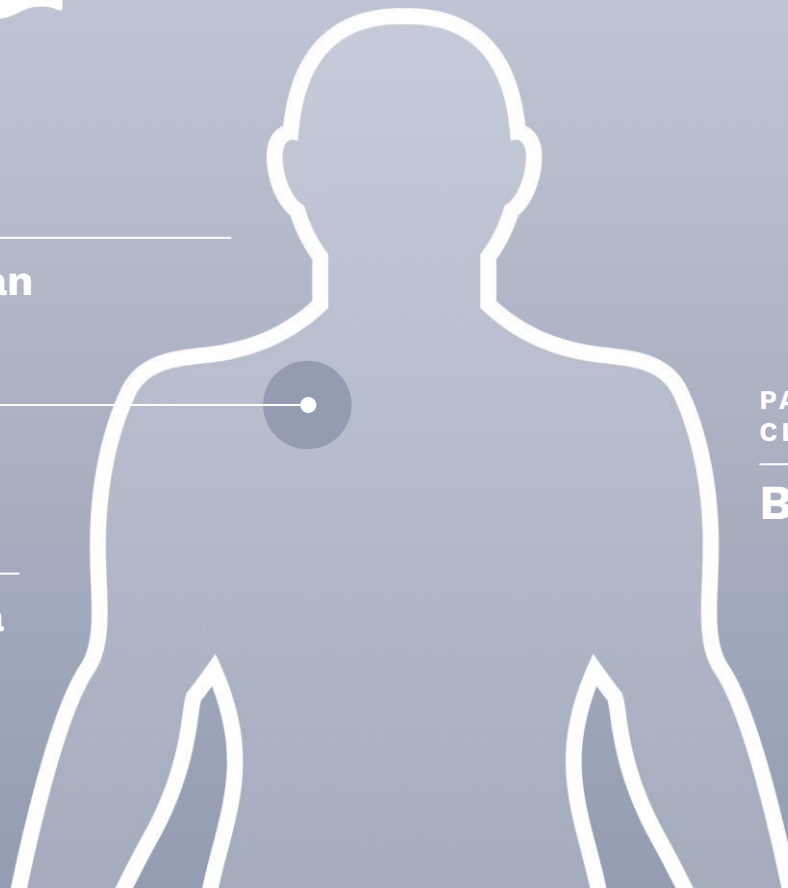
75 Year Old Woman

ANATOMICAL SITE

Back

INITIAL DIAGNOSIS

Nevoid Melanoma



PATIENT SPECIMEN CLASSIFIES AS

Benign

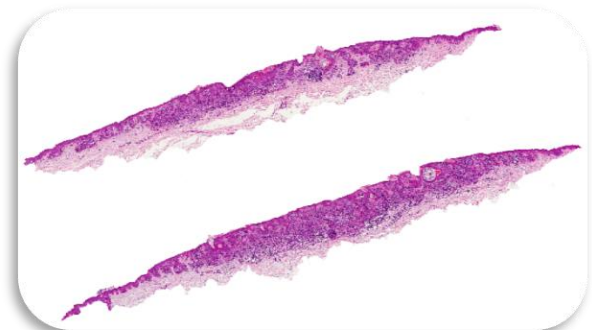
MALIGNANT

BENIGN

Case Information

Clinically, this case was a 6 mm irregularly pigmented lesion located on the back of a 75 year old woman. The initial dermatopathologist diagnosed this case as nevoid melanoma with a tumor thickness of 0.7 mm.

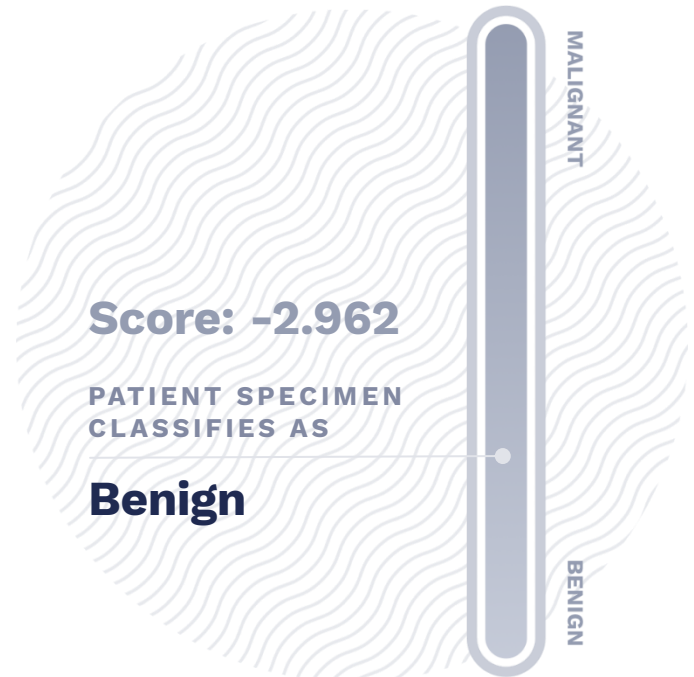
This case was subsequently reviewed by two additional, expert dermatopathologists. The first consulting dermatopathologist concurred with the initial diagnosis of nevoid melanoma. The second consulting dermatopathologist rendered a diagnosis of an atypical benign nevus.



MelaPro Dx™ Score

Histology guided mass spectrometry profiling was performed on the patient specimen. The molecular profile of the patient specimen was assigned a score based on a validated algorithm. The MelaPro Dx assigned score, ranging from -10 to +10, classifies a patient specimen as likely benign, indeterminant, or malignant.

In this case, the MelaPro Dx assigned score of -2.962 indicated the molecular profile of this lesion classifies as likely benign.



Final Diagnosis

The lesion received a definitive diagnosis of an atypical benign nevus. It was re-excised, and no additional treatment was performed. After 7.5 years of clinical follow up, the patient is alive with no evidence of disease.

In cases where discordance in diagnosis exists amongst experienced dermatopathologists, MelaPro Dx can provide the treating physician with enhanced insight to differentiate between malignant and benign lesions.