

Appendix A: Scoring Methods & QUEST Classification Tree

The SIAscopy Scoring Method:

Presence of Dermal Melanin within the lesion.....	5 Points
Presence of Blood Displacement with Erythematous Blush.....	3 Points
Asymmetry.....	3 Points
Presence of Collagen Holes.....	1 Point

Lesion is highly suspicious for melanoma if scores **FIVE POINTS OR GREATER**

Sensitivity = 96.15%, **Specificity** = 56.42%

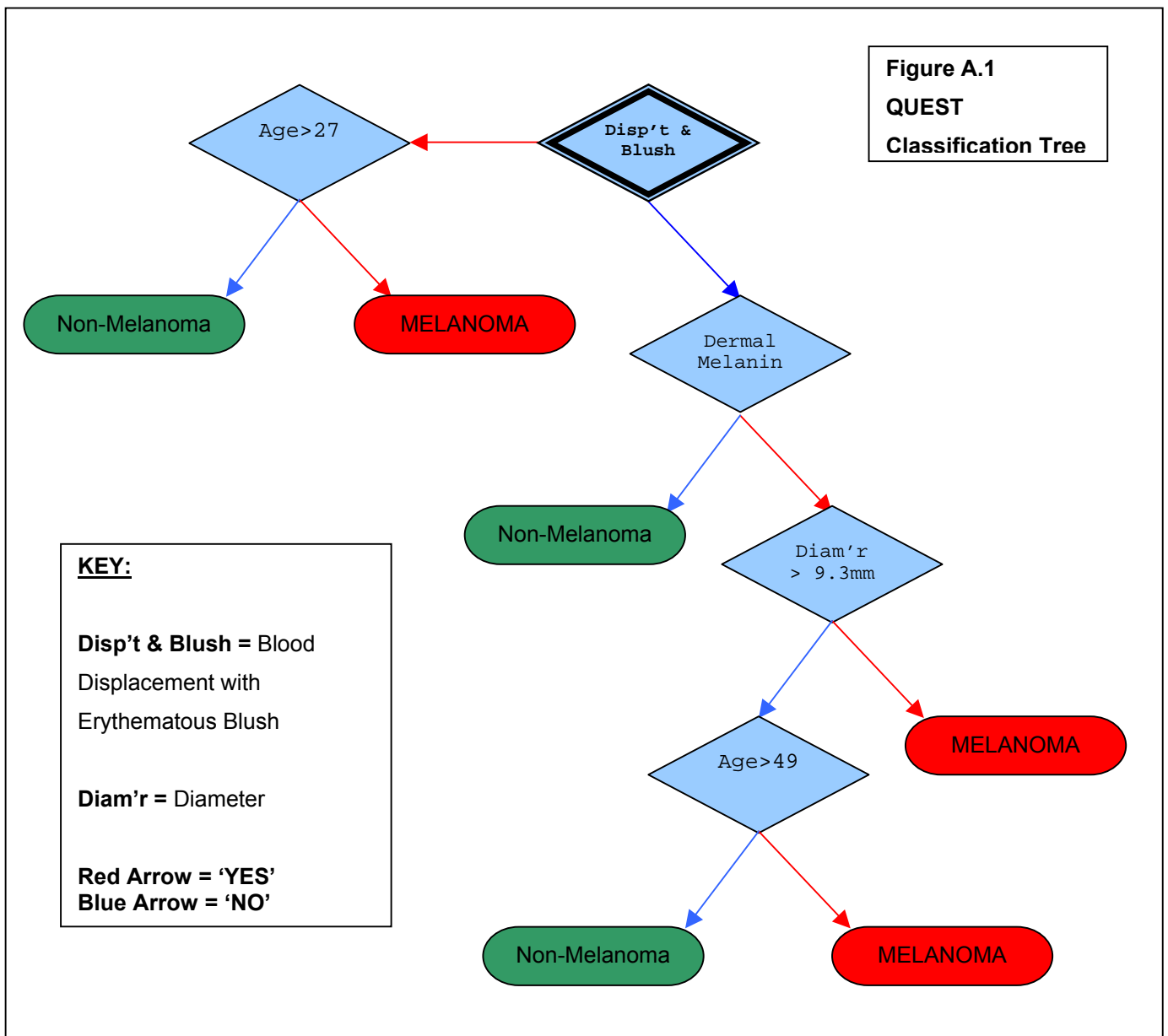
The Combined Scoring Method:

Presence of Dermal Melanin within the lesion.....	3 Points
Presence of Blood Displacement with Erythematous Blush.....	1 Point
Maximum Diameter of the lesion greater than 6mm.....	1 Point
For every <i>Completed</i> 15 years of age.....	1 Point

Lesion is highly suspicious for melanoma if scores **SIX POINTS OR GREATER**

Sensitivity = 90.38%, **Specificity** = 73.99%

The QUEST Classification Tree



Sensitivity = 92.3%, Specificity = 77.7%