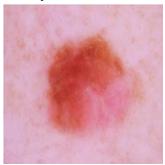
### **Prompt:**

This is a photo of skin moles. Determine whether it is benign or malignant. Please generate a diagnostic report based on the photo.



# **GPT-4V:**

### **Observation:**

The provided image shows a solitary skin lesion, characterized by its coloration and general morphology.

### **Description:**

The lesion appears as a round to slightly irregular shaped area with a red to brown coloration. There is heterogeneity in the pigmentation across the lesion, and the borders seem to be relatively well-defined, although some irregularities can be observed.

## **Preliminary Diagnosis:**

Based on the image and without additional context or clinical history, the lesion presents features that might be indicative of:

Dysplastic nevus: An atypical mole that is not necessarily cancerous but can resemble melanoma.

Melanoma: A malignant skin tumor that originates from melanocytes. Melanomas can be characterized by asymmetry, irregular borders, color variation, diameter larger than 6mm, and evolving size, shape, or color.

#### **Discussion:**

Dysplastic nevi can look very similar to melanomas but are not malignant. They can, however, increase the risk of melanoma if there are many of them on the skin. Melanoma, on the other hand, is a type of skin cancer that can spread rapidly if not diagnosed and treated early. The ABCDE criteria (Asymmetry, Border irregularity, Color variation, Diameter, Evolving) are often used to identify suspicious lesions, but clinical evaluation is essential for an accurate diagnosis.

#### **Recommendation:**

Given the potential ambiguity between benign and malignant lesions and the high stakes of a missed melanoma diagnosis, it is imperative for the patient to seek an in-person evaluation by a dermatologist. A biopsy may be required to obtain a definitive diagnosis.

#### Disclaimer:

This report provides a preliminary analysis based on the provided image and information. Always consult with a dermatologist or appropriate specialist for a definitive diagnosis and management.

Note: This report should not replace a thorough examination by a healthcare professional. It is essential to have any skin changes or lesions checked by a dermatologist for an accurate diagnosis.