

# Skin Cancer Analysis Report

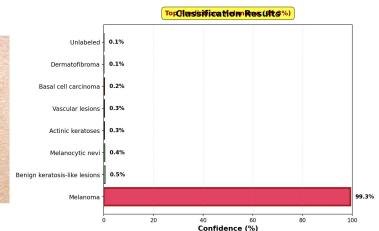
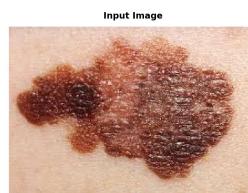
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## Patient Information

Name: test2

Age: 21 Gender: Male

Location: Bengaluru, Karnataka, India



## Diagnosis Summary

Condition: Melanoma Confidence: 99.3% Risk: VERY HIGH RISK

Serious skin cancer - IMMEDIATE medical attention required

## Medical Insights (AI)

### Important:

The information below is provided for educational purposes only and \*\*does not constitute a medical diagnosis or treatment recommendation\*\*. The AI model's prediction should not be treated as a definitive diagnosis. Please consult a qualified healthcare professional promptly for a comprehensive evaluation and appropriate care.

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## Condition Overview

**Melanoma** is a malignant tumor of melanocytes, the pigment producing cells in the skin. It is the most aggressive form of skin cancer and can spread (metastasize) rapidly if not detected early. Key characteristics include:

| Feature | Typical Presentation |

|-----|-----|

| \***Appearance** | Irregularly shaped, multi colored lesions; asymmetry; border irregularity; diameter >6 mm; evolving size or color. |

| \***Common Sites** | Sun exposed areas (face, neck, arms), but can appear anywhere on the body, including non sun exposed regions. |

| \***Risk Factors** | Fair skin, history of sunburns, excessive UV exposure, family history, numerous nevi, immunosuppression. |

| \***Symptoms** | New or changing mole, itching, bleeding, ulceration, or pain. |

Early detection is critical because early stage melanoma can often be cured with surgical excision, whereas advanced stages require more aggressive therapy.

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## Important Precautions

- **Seek Immediate Professional Evaluation**

- Schedule an appointment with a dermatologist or a specialized skin cancer clinic as soon as possible.
- Bring any photos or documentation of the lesion(s) for reference.

- **Avoid Self Diagnosis or Delaying Care**

- Do not rely solely on AI predictions or online tools to determine treatment or prognosis.
- Early intervention dramatically improves outcomes.

- **Prepare for Diagnostic Work up**

- A dermatologist may perform a biopsy (shave, punch, or excisional) to confirm the diagnosis.
- If melanoma is confirmed, staging imaging (CT, MRI, PET) may be ordered to assess spread.

- **Follow-Up Care**

- Regular skin examinations (every 3-6 months for high risk patients).
- Educate yourself on self skin exam techniques and sun protection habits.

- **Lifestyle and Sun Protection**

- Use broad spectrum SPF 30+ sunscreen daily, even on cloudy days.
- Wear protective clothing, wide brimmed hats, and UV blocking sunglasses.
- Avoid tanning beds and seek shade during peak sun hours (10 am-4 pm).

- **Psychological Support**

- A diagnosis of melanoma can be emotionally distressing. Consider counseling or support groups if needed.

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## Bottom Line

The AI model indicates a **\*very high risk** for melanoma with **\*99.26 % confidence**. While this suggests the need for urgent medical attention, **\*\*only a licensed clinician can confirm the diagnosis and determine the appropriate treatment plan\*\***. Please act promptly and consult a dermatologist to receive a definitive assessment and care.