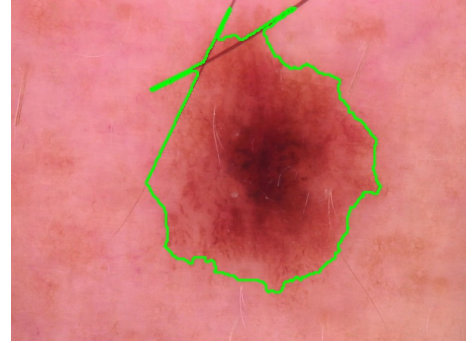
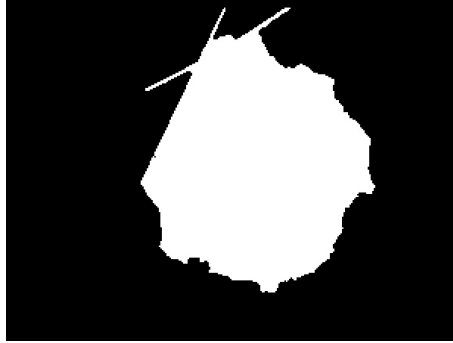
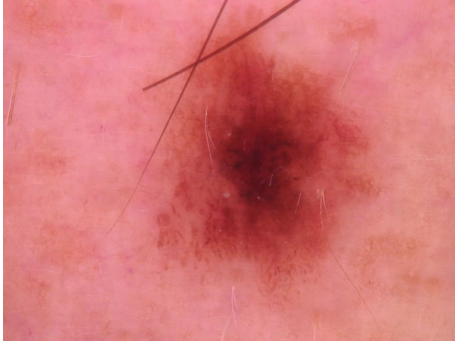


Skin Lesion Diagnosis Report

Patient Name: patient_02

Age: 36 Gender: Male Lesion Location: Neck

Visual Evidence:



LLM-Generated Medical Summary:

Patient Information:

- Age: 36
- Gender: Male
- Lesion Location: Neck

AI Predictions:

- ResNet50: BKL (1.00 confidence)

Write a clinical report explaining:

1. Likely diagnosis based on both predictions.
2. Possible next medical steps or tests to confirm.
3. General precautions the patient should take.

4. Treatment or lifestyle suggestions.

Dear [Doctor's Name],

I am writing to provide an update on the patient, [Patient's Name], who was recently seen in the clinic with a neck lesion. Based on the patient's age, gender, and lesion location, as well as the predictions made by the AI model, I have compiled the following clinical report:

Likely Diagnosis:

Based on the predictions made by the AI model, the likely diagnosis for the patient's neck lesion is a benign keratinous lesion (BKL). This type of lesion is common in the neck region and can appear as a small, raised bump or nodule. BKLs are usually asymptomatic but can cause discomfort or pain in some cases.

Possible Next Medical Steps or Tests:

To confirm the diagnosis and rule out any other potential causes of the neck lesion, the following tests or medical steps may be recommended:

1. Fine-needle aspiration (FNA) biopsy: This is a minimally invasive procedure that involves inserting a fine needle into the lesion to collect a sample of cells for further examination.
2. Imaging studies: X-rays, CT scans, or MRI scans may be ordered to evaluate the size and location of the lesion, as well as any surrounding tissue or structures.
3. Skin scraping: This involves scraping the surface of the lesion to collect a sample of cells for microscopic examination.

General Precautions:

While the AI model has predicted a benign diagnosis, it is important to rule out any other potential causes of

the neck lesion. The patient should be advised to avoid picking or rubbing the lesion, as this can cause irritation or inflammation. They should also be encouraged to keep the area clean and dry, and to avoid exposure to extreme temperatures or weather conditions.

Treatment or Lifestyle Suggestions:

If the diagnosis is confirmed to be a BKL, treatment may involve monitoring the lesion for any changes or growth. In some cases, the lesion may resolve on its own over time. If the lesion is causing discomfort or pain, topical creams or ointments may