

Medical Report

Patient Information:

- **Name:** Henry Johnson
- **Age:** 52
- **Gender:** Male
- **Date of Visit:** 6th June 2024

Presenting Complaint:

- Non-healing skin infection on the right hand.

History of Present Illness:

- Henry Johnson presented with a skin infection on his right hand, first noticed three weeks ago. The infection has shown minimal improvement despite initial home care treatments, including topical antibiotic ointments and keeping the area clean and covered. The patient reports increasing redness, swelling, and occasional discharge from the infected area. Pain is described as moderate and worsening.

Medical History:

- Hypertension
- Hyperlipidemia

Current Medications:

- Lisinopril 10 mg once daily
- Atorvastatin 20 mg once daily

Allergies:

- No known drug allergies

Physical Examination:

- **General:** Well-nourished, in no acute distress
- **Vital Signs:**
 - Blood Pressure: 135/85 mmHg
 - Heart Rate: 78 bpm
 - Respiratory Rate: 16 breaths per minute
 - Temperature: 98.6°F
- **Skin:**
 - Right hand shows a 4x4 cm erythematous, swollen area with purulent discharge.
 - Surrounding skin is warm to touch and tender.

- No signs of systemic infection (fever, chills).

Diagnostic Tests:

- **Complete Blood Count (CBC):**
 - White Blood Cell Count (WBC): 12,000 / μ L (elevated)
 - Hemoglobin (Hb): 13.5 g/dL
 - Platelet Count: 250,000 / μ L
- **Blood Glucose Level:**
 - Fasting Glucose: 140 mg/dL (elevated)
- **Wound Culture:**
 - Pending results

Diagnosis:

- **Chronic Skin Infection** with potential underlying causes to be investigated.

Treatment Plan:

1. **Antibiotics:**
 - Start on **Clindamycin 300 mg** orally every 8 hours for 10 days.
2. **Wound Care:**
 - Clean and debride the wound as needed.
 - Apply **mupirocin** ointment twice daily to the affected area.
 - Cover with sterile dressing; change dressing daily.
3. **Pain Management:**
 - **Ibuprofen 400 mg** orally every 6 hours as needed for pain.
4. **Further Investigation:**
 - Comprehensive metabolic panel (CMP) to assess for underlying conditions.
 - Hemoglobin A1c test to evaluate blood sugar levels over the past 3 months.
5. **Follow-Up:**
 - Follow up in 7 days to assess the response to treatment.
 - Sooner if symptoms worsen or if signs of systemic infection develop (fever, increased redness, swelling, or pain).

Recommendations:

- Maintain good hygiene and keep the infected area clean and dry.
- Avoid using the affected hand for heavy tasks to prevent further irritation.

Doctor's Information:

- **Name:** Dr. Laura Mitchell
- **Specialization:** General Practitioner
- **Contact:** +1 (123) 456-7890
- **Signature:** LauraM

