

EHR Report

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Clinical Report: Likely Diagnosis for Michael Rodriguez

Patient: Michael Rodriguez (MRN: 00291837)

Encounter Date: 2025-05-01

Clinician: Dr. Aisha Patel

Likely Diagnosis

Chronic Mechanical Low Back Pain

Reasoning:

The clinician's assessment explicitly states "Chronic mechanical low back pain" in the provided EHR data. This diagnosis is supported by the following objective findings:

- * **Chief Complaint:** Chronic lower back pain.
- * **History of Present Illness:**
 - * Duration of pain for 3 months, classifying it as chronic.
 - * Pain is worse when sitting, which is a common characteristic of mechanical low back pain.
 - * Absence of reported trauma or neurological symptoms (no numbness/tingling), reducing the likelihood of acute injury or radiculopathy.
- * **Physical Exam:**
 - * Tenderness over L4-L5, indicating localized musculoskeletal involvement.
 - * Limited forward flexion, suggesting restriction in spinal movement commonly associated with mechanical back pain.

Clinical Interpretation:

Based on the provided EHR data, the constellation of chronic, positional low back pain without neurological red flags, along with localized tenderness and limited range of motion on exam, is consistent with the clinician's documented assessment of chronic mechanical low back pain. The absence of additional diagnostic information (e.g., imaging, specific lab tests) in the EHR prevents further interpretation beyond the documented clinical assessment and supporting findings.