

EHR Report

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Clinical Report: Likely Diagnosis

Patient: Michael Rodriguez (MRN: 00291837)
Date of Encounter: 2025-05-01
Clinician: Dr. Aisha Patel

1. Assessment of Likely Diagnosis (from EHR)
The EHR assessment explicitly states: **Chronic mechanical low back pain.**

2. Supporting Clinical Data (from EHR)

- Chief Complaint:** Chronic lower back pain.
- History of Present Illness:**
 - Duration: 3 months.
 - Aggravating Factors: Worse when sitting.
 - Absence of Trauma: No reported history of trauma.
 - Absence of Neurological Symptoms: No numbness or tingling reported.
- Physical Examination (Musculoskeletal):**
 - Palpation: Tenderness over L4-L5.
 - Range of Motion: Limited forward flexion.

3. Clinical Interpretation
The documented chief complaint, history, and physical exam findings are consistent with the diagnosis of chronic mechanical low back pain as stated in the EHR assessment. The absence of neurological symptoms (numbness/tingling) and reported trauma further supports a mechanical etiology rather than radicular or acute traumatic injury. The localization of tenderness to L4-L5 and limited forward flexion are common findings in mechanical back pain.

4. Missing Information / Uncertainty
The EHR data does not include specific details on pain severity (e.g., VAS score), radiation patterns, or alleviating factors. Lumbar neurological examination findings (e.g., motor strength, reflexes, sensation) are not explicitly documented beyond the absence of numbness/tingling, which could further delineate the mechanical nature of the pain. No imaging results are provided.