

EHR Report

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Clinical Report: Assessment of Likely Diagnosis

Patient: Michael Rodriguez (MRN: 00291837, DOB: 1975-04-22, Male)
Encounter Date: 2025-05-01
Clinician: Dr. Aisha Patel

Clinical Assessment from EHR:

The documented assessment by Dr. Aisha Patel is **Chronic mechanical low back pain.**

Supporting Clinical Rationale (from EHR data):

- Chief Complaint:** Chronic lower back pain.
- History of Present Illness:** Pain for 3 months, described as worse when sitting, with no reported trauma, numbness, or tingling. This presentation is consistent with a mechanical etiology rather than radiculopathy or other neurological involvement based on the absence of neurological symptoms.
- Physical Exam (Musculoskeletal):** Tenderness observed over L4-L5 and limited forward flexion. These findings correlate with localized lumbar spine discomfort and restricted range of motion, supporting a mechanical pain origin.
- Absence of Red Flags:** The provided EHR data does not contain any red flag symptoms for serious spinal pathology (e.g., fever, weight loss, progressive neurological deficit, bowel/bladder dysfunction, history of cancer, recent trauma, IV drug use, immunosuppression).
- Past Medical History & Medications:** Hypertension and hyperlipidemia are noted, managed with Amlodipine and Atorvastatin, but these are not directly contributory to the low back pain etiology based on the available information.
- Vitals:** Within normal limits, not indicative of acute illness or systemic inflammatory process related to the back pain.

Conclusion:

Based on the provided EHR data, the clinician's assessment of "Chronic mechanical low back pain" is directly stated and is well-supported by the patient's history, chief complaint, and physical examination findings. No information suggesting an alternative or more serious diagnosis is present in the provided record.