

# EHR Report

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**\*\*Likely Diagnosis\*\***

**\*\*Objective Data from EHR:\*\***

The EHR explicitly states the assessment as "Chronic mechanical low back pain".

**\*\*Clinical Interpretation:\*\***

Based on the provided EHR data, the patient, Michael Rodriguez, has been assessed with **\*\*Chronic mechanical low back pain\*\***. This is supported by the chief complaint of "Chronic lower back pain" for 3 months, history of present illness noting pain "worse when sitting, no trauma, no numbness/tingling", and musculoskeletal exam findings of "tenderness over L4-L5, limited forward flexion".

**\*\*Reference to Literature:\*\***

The provided literature ("Core Strengthening and Physiotherapy in Chronic Low Back Pain") notes that "Patients with chronic mechanical low back pain often present with tenderness over the lumbar region, limited forward flexion, and discomfort when sitting for extended periods," which aligns with the patient's presentation.