

EHR Report

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Likely Diagnosis

Based on the provided Electronic Health Record (EHR) data, the clinician's assessment states the likely diagnosis as **Chronic mechanical low back pain**.

This assessment is strongly supported by the patient's presentation:

- * **Chief Complaint:** "Chronic lower back pain"
- * **History of Present Illness:** Pain for 3 months, exacerbated by sitting, without reported trauma or neurological deficits (no numbness/tingling), consistent with a chronic mechanical origin.
- * **Physical Exam:** Findings of "Tenderness over L4-L5" and "limited forward flexion" are classic signs associated with mechanical low back pain, as highlighted in the provided literature (`literature_example.pdf`).

Furthermore, the patient's past medical history of Hypertension and Hyperlipidemia are noted as common comorbidities in patients with chronic low back pain, according to the provided literature (`literature_example.pdf`). The proposed management plan, including physiotherapy referral, core strengthening exercises, NSAIDs PRN, and follow-up, aligns directly with the evidence-based recommendations for Chronic Low Back Pain described in the literature.