PhysiologicPRISM

Clinical Workflow Overview

A demonstration of the complete PRISM Clinical Reasoning Framework

From patient intake to comprehensive PDF report generation

- 12 structured clinical reasoning modules
- ICF framework integration (WHO/WCPT endorsed)
- AI-powered clinical decision support
- Evidence-based assessment workflows
- Comprehensive documentation for legal defensibility

What is the PRISM Framework?

The **PRISM Clinical Reasoning Framework** is a copyrighted, proprietary methodology developed by a practicing physiotherapist to transform clinical reasoning into structured, repeatable, and legally defensible documentation.

While clinical reasoning is well-taught in physiotherapy education, it is often poorly documented in practice. PRISM bridges this gap by providing a 12-module workflow that guides clinicians through comprehensive assessment, diagnosis, goal-setting, and treatment planning.

Key Differentiators

ICF Framework Integration: Built on the International Classification of Functioning, Disability and Health (ICF)—the global standard endorsed by WHO and WCPT. Includes evidence-based ICF core sets for common musculoskeletal and neurological conditions.

Biopsychosocial Completeness: Systematically captures biological, psychological, and social factors using evidence-based models including the Common Sense Model, Pain Mechanism Classification, and Yellow Flags Assessment.

AI-Powered Clinical Decision Support: Intelligent suggestions at every module help reduce cognitive load, ensure comprehensive assessment, and maintain clinical reasoning quality during busy clinic hours.

Clinical Defensibility: Complete documentation demonstrates not just what was observed, but the clinical reasoning that led to diagnosis and treatment decisions—critical for professional liability protection.

This demo walks through a complete patient case from intake to PDF report generation, showcasing how each module builds upon the previous to create comprehensive clinical documentation.

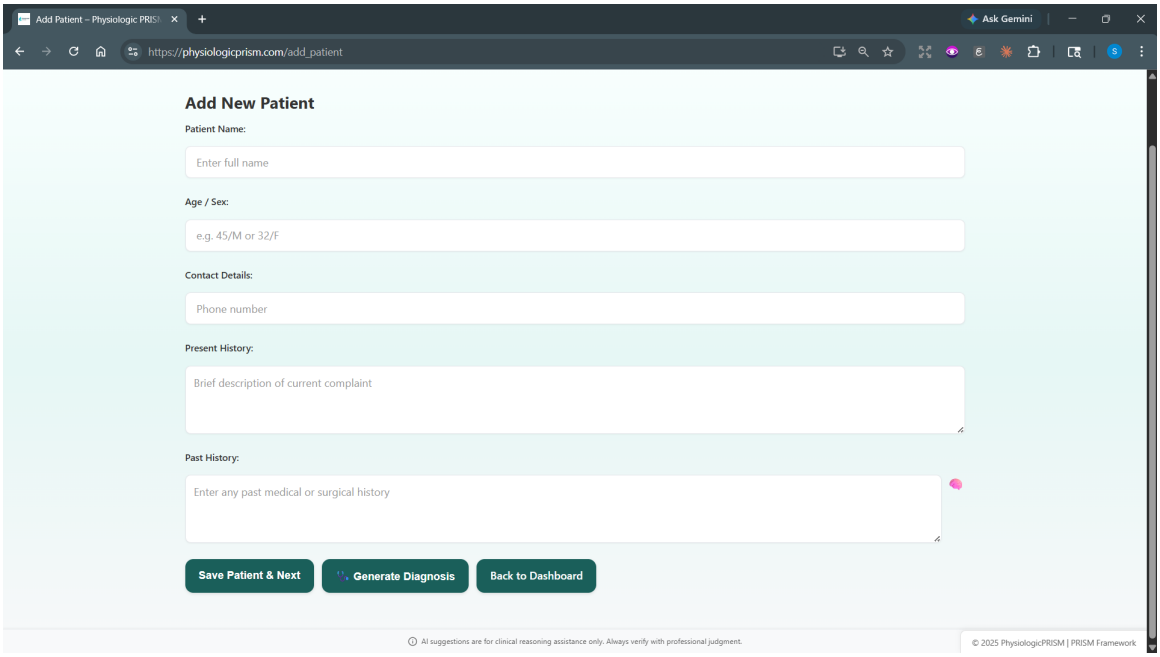
Module 1: Present History & Past Medical History

The clinical journey begins with comprehensive patient intake. Physiotherapists document the chief complaint, symptom behavior, and past medical history using AI-powered differential questioning to ensure nothing is missed.

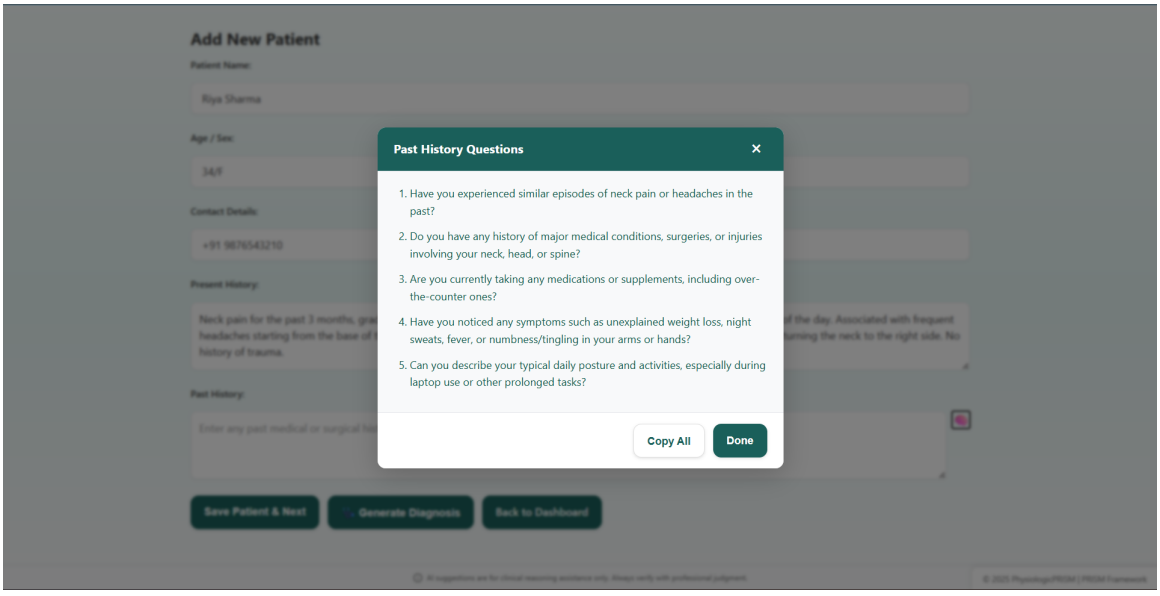
Key Features:

- Structured present history documentation
- AI-suggested differential questions based on presentation
- Systematic past medical history screening

Add Patient empty form



Add Patient Past History AI suggestions



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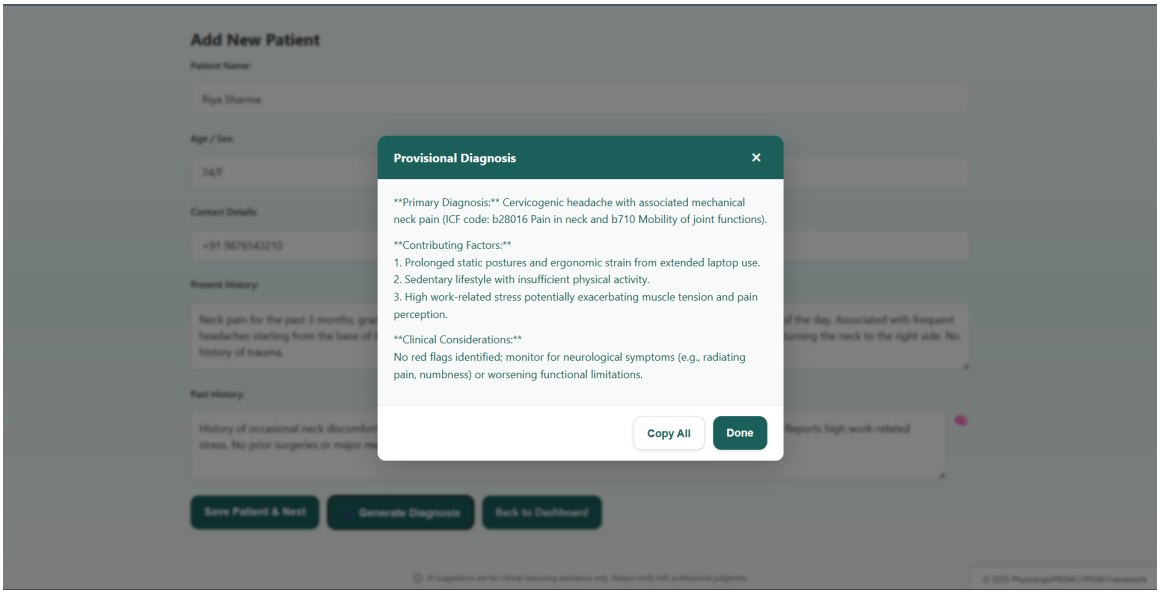
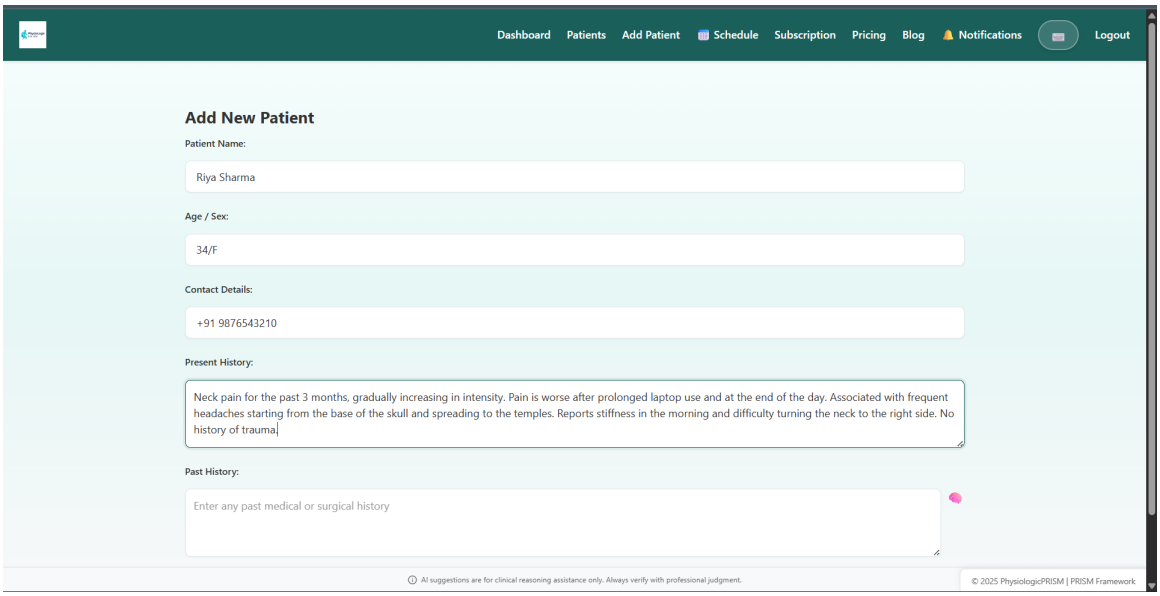


Add Patient till Present History



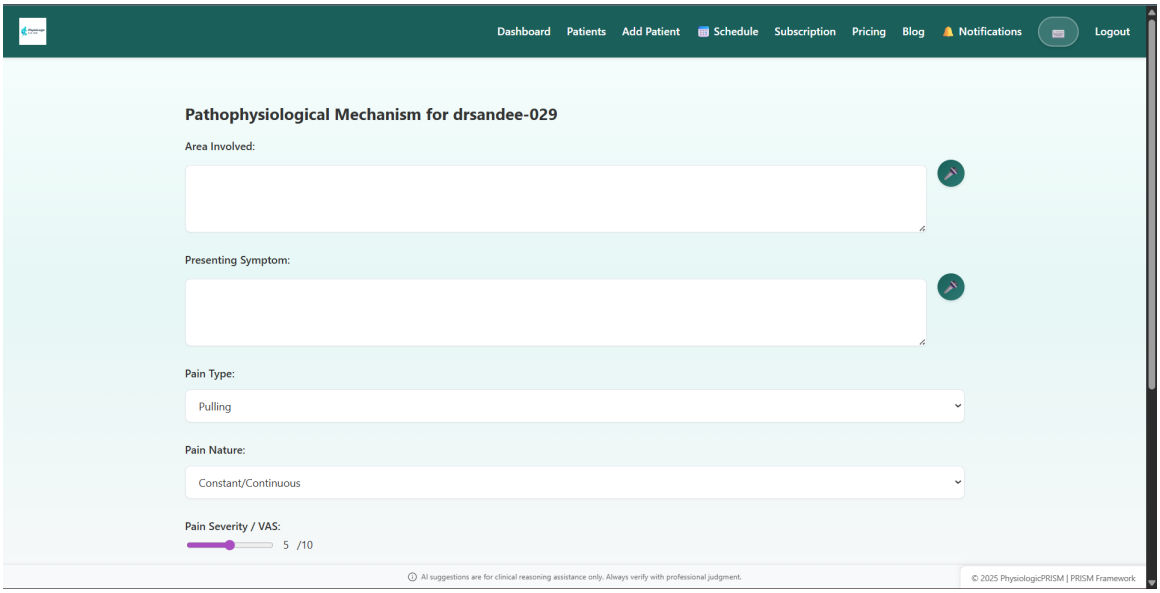
Module 2: Pathophysiological Mechanism Analysis

Understanding pain mechanisms guides treatment selection. The PRISM framework provides structured assessment of nociceptive, neuropathic, and nociplastic pain mechanisms with comprehensive dropdown options and AI reasoning assistance.

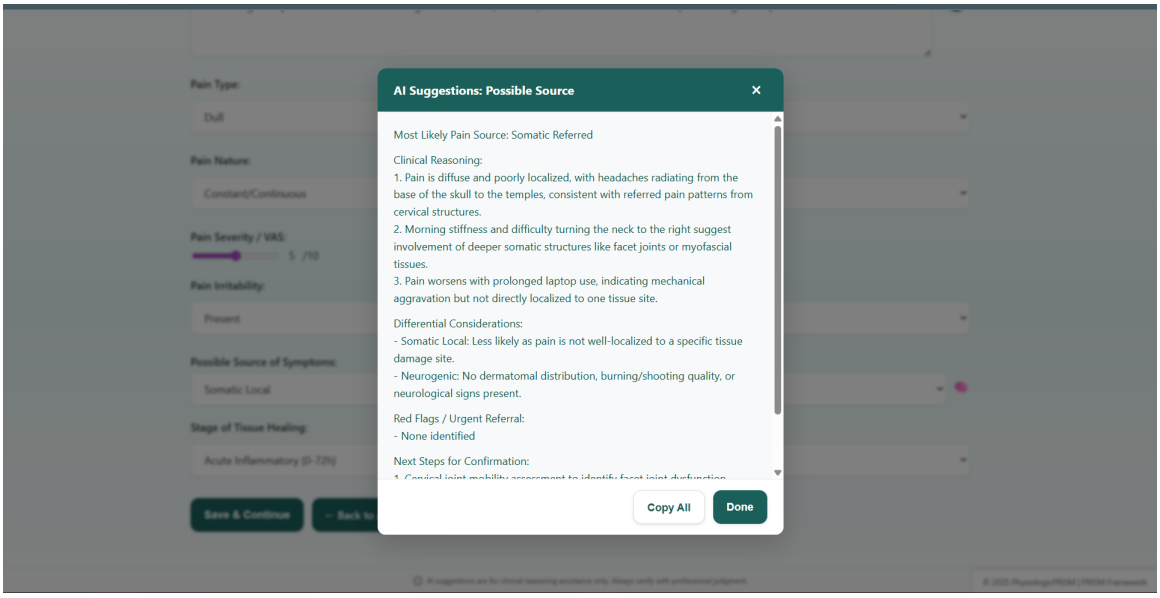
Key Features:

- Evidence-based pain mechanism classification
- Structured clinical reasoning for mechanism identification
- AI-powered mechanism analysis and differential considerations

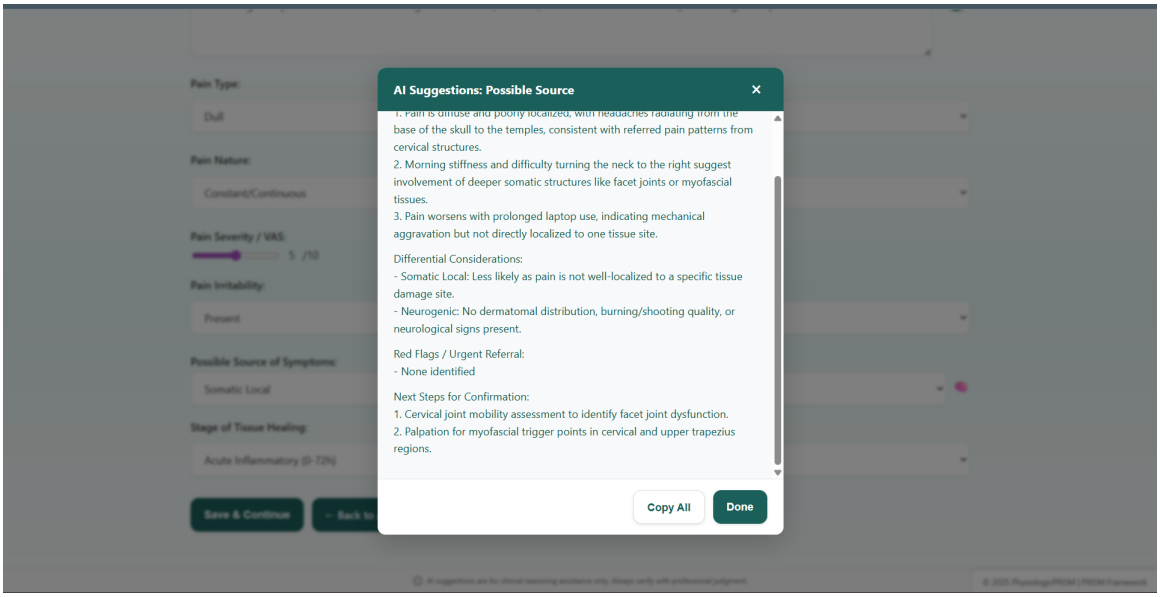
Patho Mechanism Empty 1



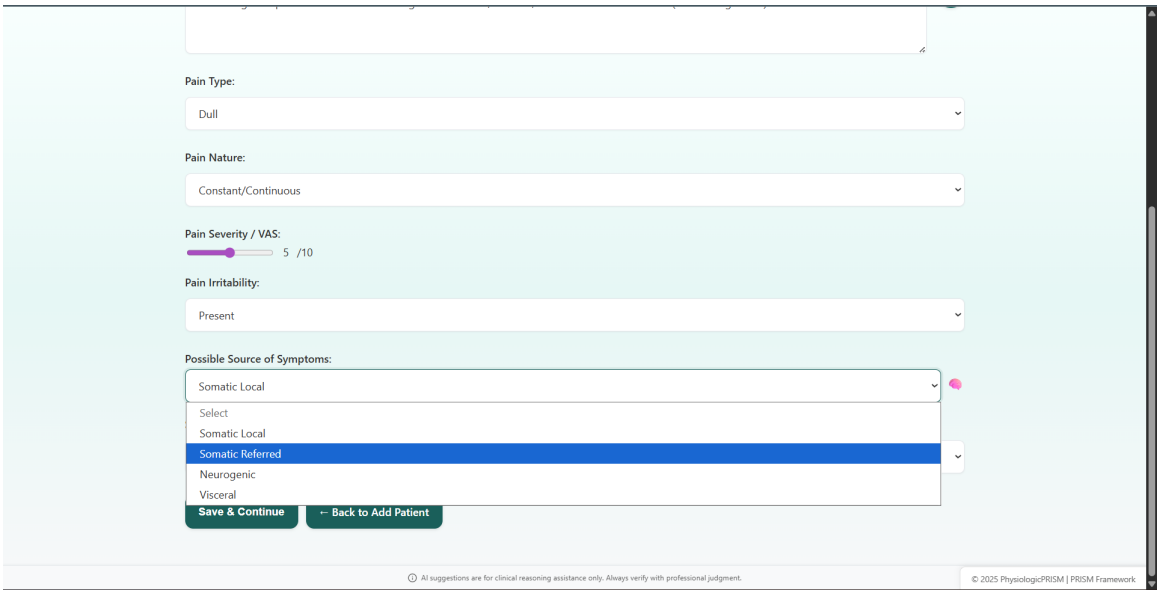
Patho Mechanism AI Suggestion



Patho Mechanisms AI Suggestions 1



Patho Mechanisms Dropdown 4



(6 additional workflow screenshots available for this module)

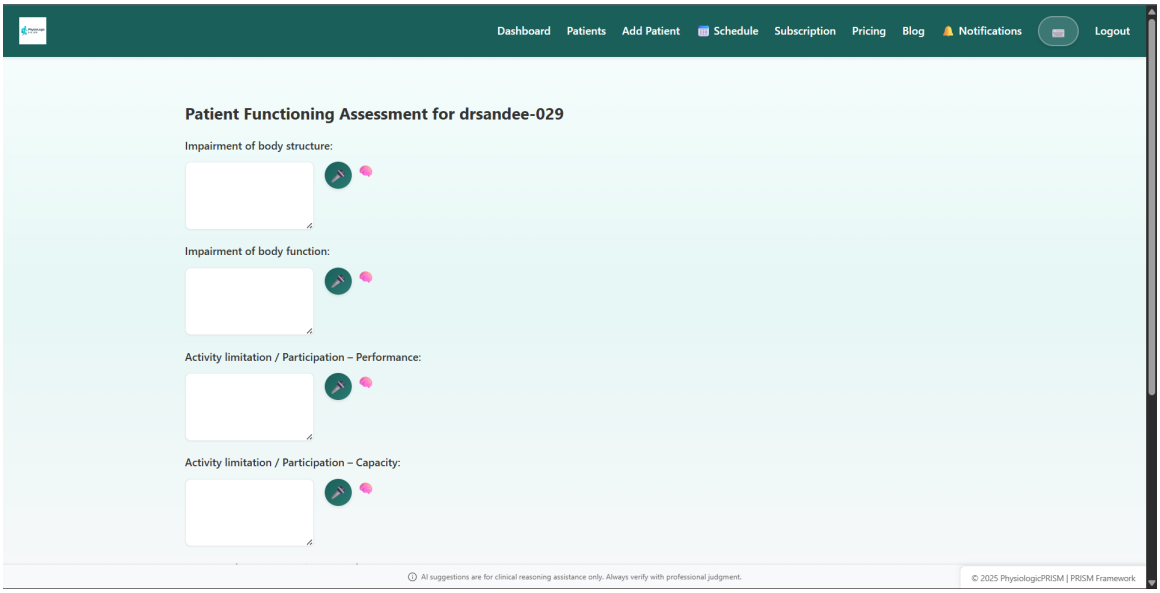
Module 3: ICF-Based Patient Functioning Assessment

Built on the WHO International Classification of Functioning, Disability and Health (ICF), this module captures body structures, body functions, activity limitations, and participation restrictions using condition-specific ICF core sets.

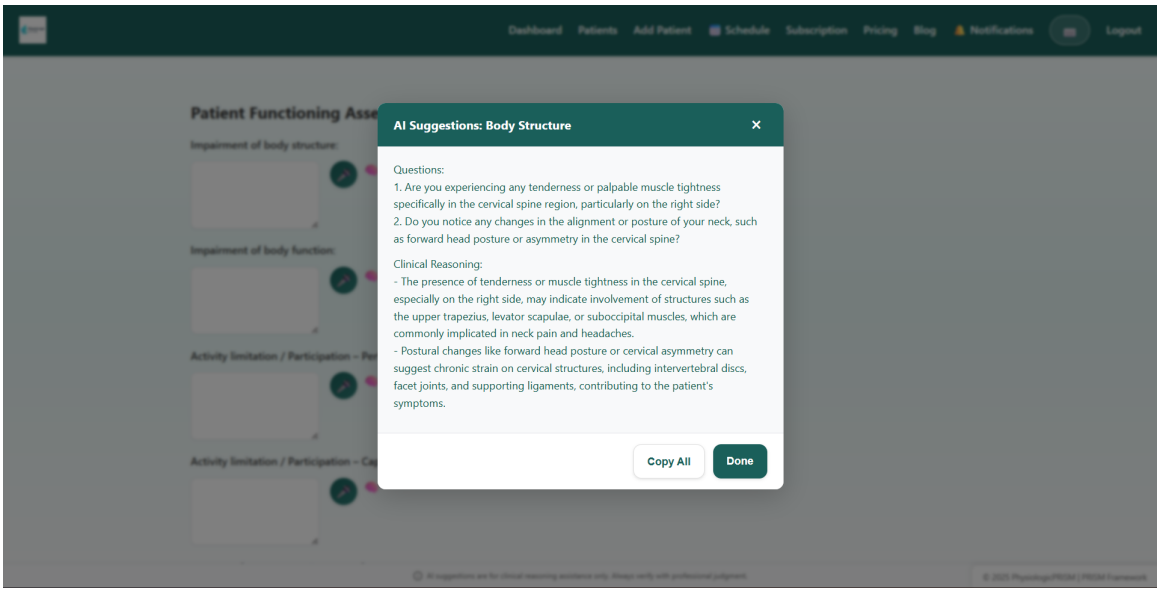
Key Features:

- Evidence-based ICF core sets for common conditions
- Structured capture of activity limitations and participation restrictions
- AI suggestions for comprehensive functional assessment

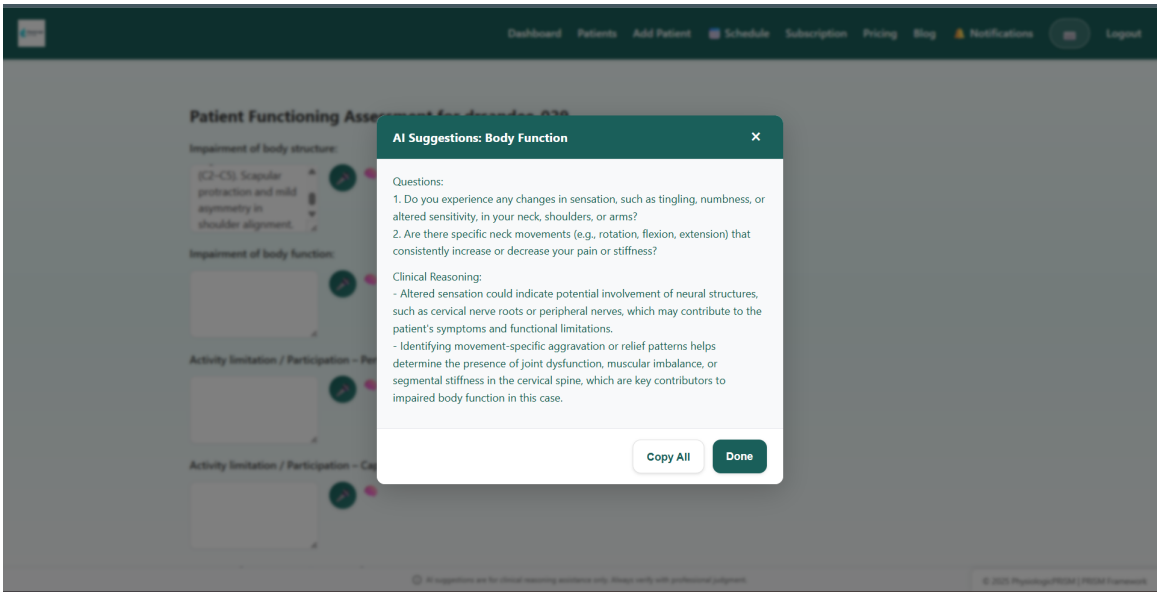
Patient Functioning Assessment 1



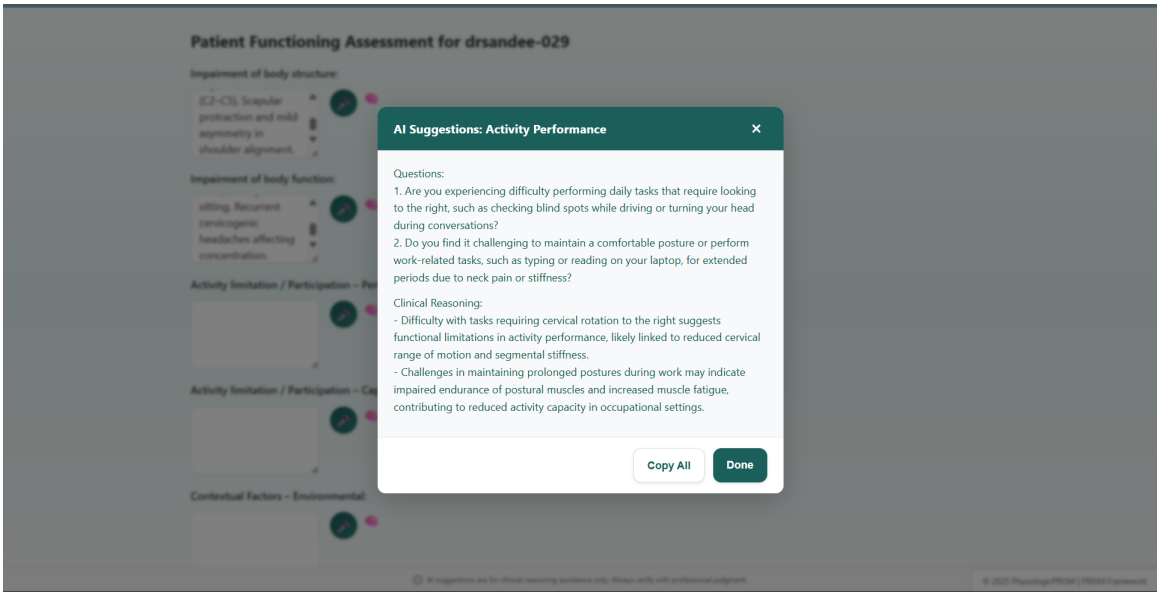
Patient Functioning Assessment 1st AI end point



Patient Functioning Assessment AI 2nd



Patient Functioning Assessment AI 3rd



(5 additional workflow screenshots available for this module)

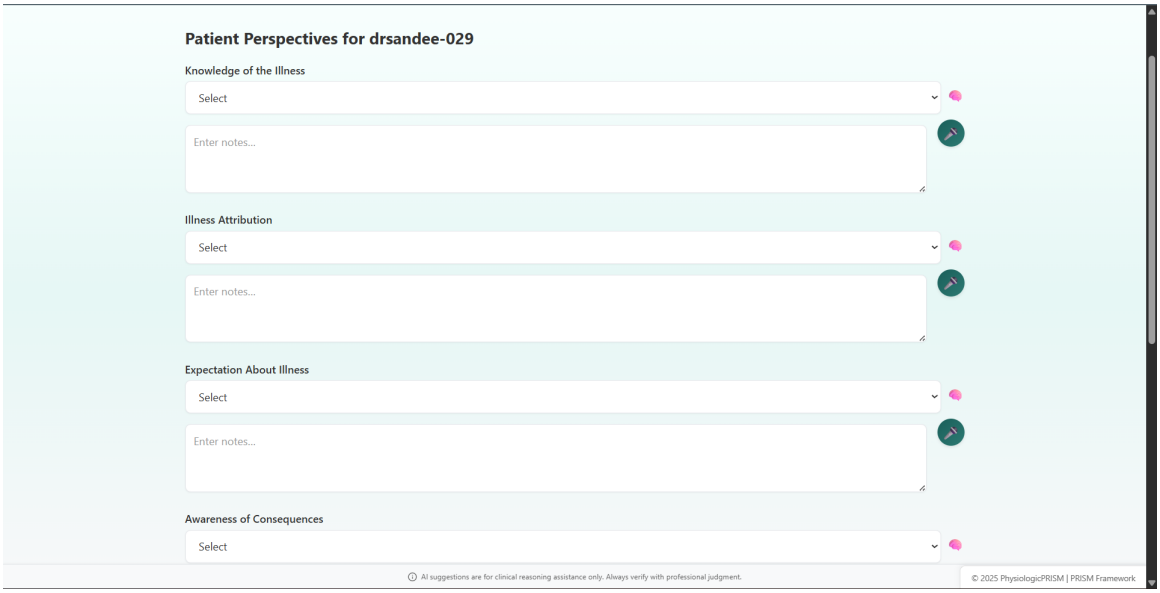
Module 4: Patient Perspectives & Illness Perceptions

Using the Common Sense Model, this module systematically captures the patient's understanding of their condition—their beliefs about identity, timeline, consequences, control/cure, emotional response, and causal attributions.

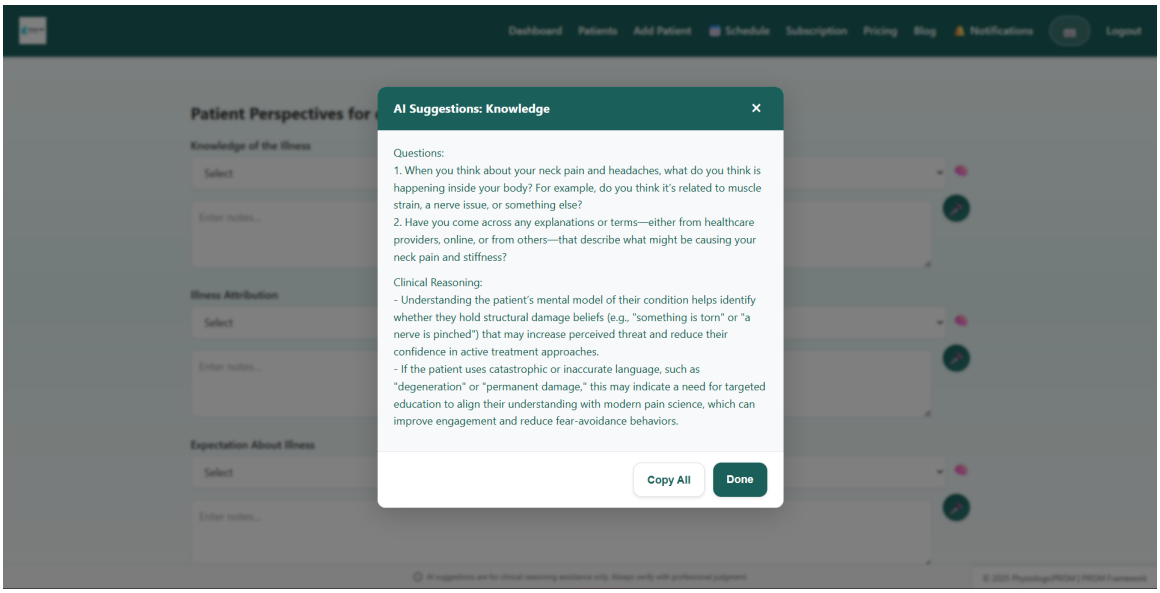
Key Features:

- Common Sense Model framework integration
- Systematic capture of patient's illness beliefs
- AI-powered analysis of psychosocial factors influencing recovery

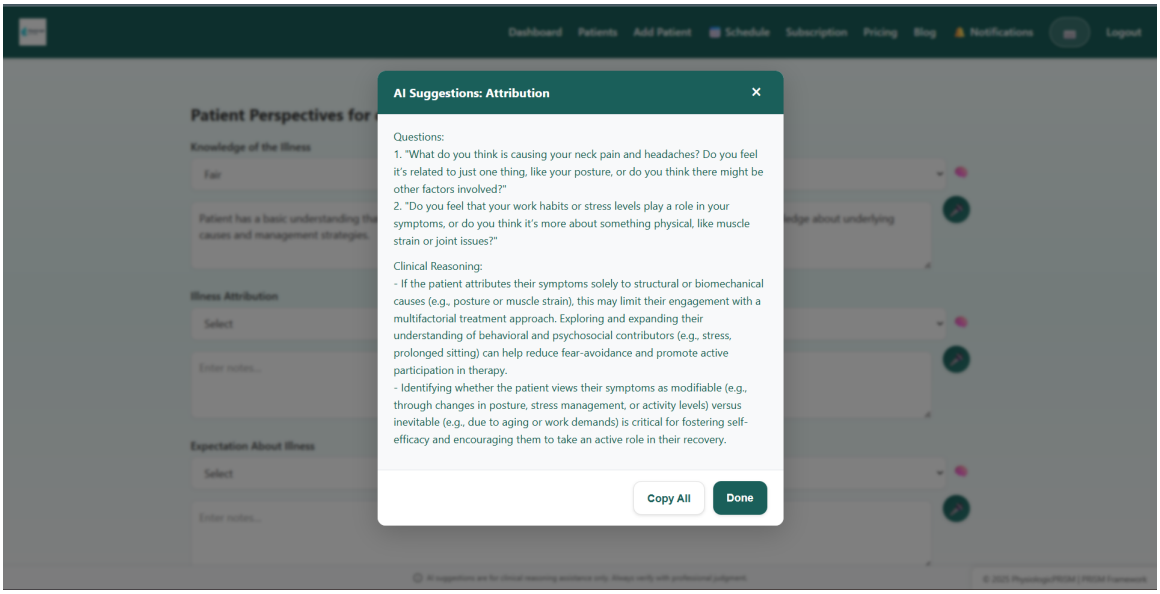
Patient Perspectives Empty 1



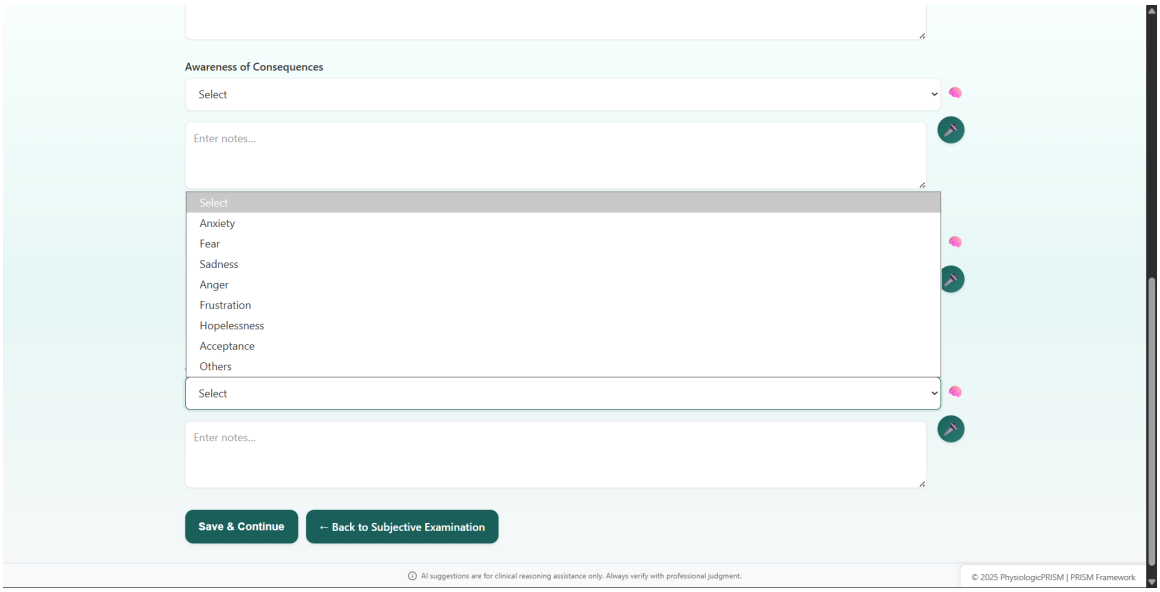
Patient Perspectives AI 1



Patient Perspectives AI 2



Patient Perspectives 5th Dropdown



(9 additional workflow screenshots available for this module)

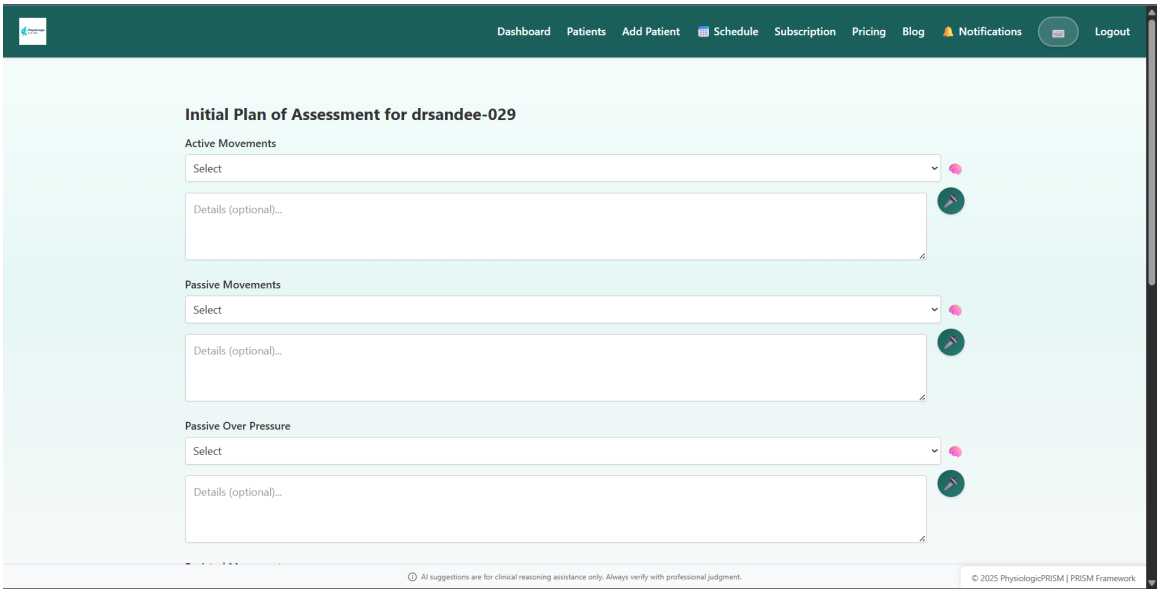
Module 5: Initial Assessment Planning

Before examining the patient, clinicians plan their objective assessment strategy. The system provides body region-specific, evidence-based test batteries with AI recommendations based on the clinical presentation.

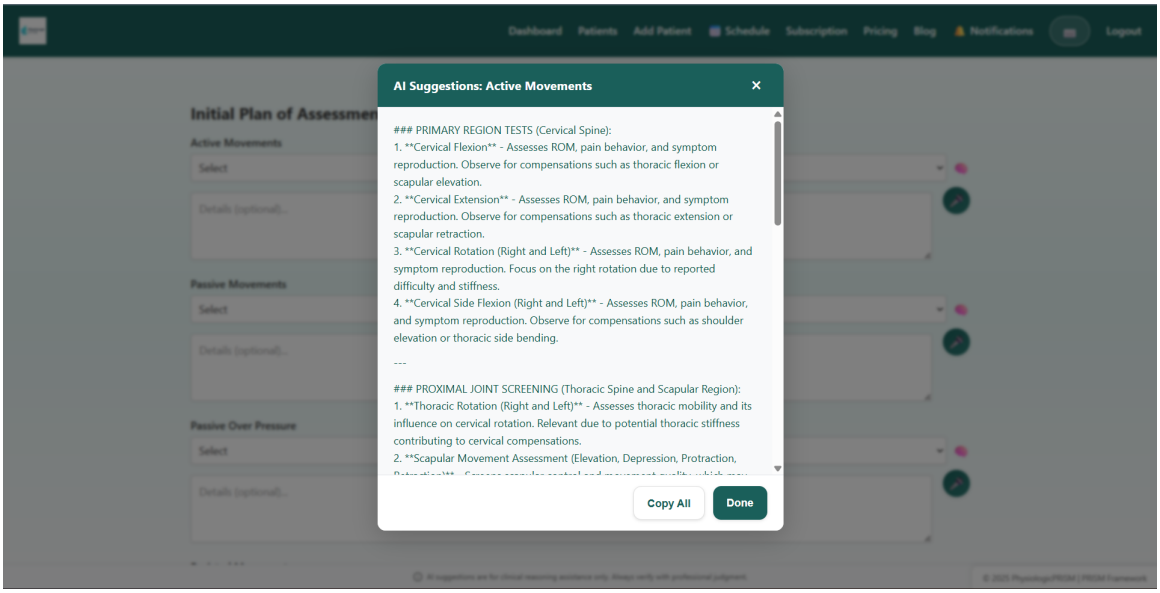
Key Features:

- Evidence-based assessment planning by body region
- AI-suggested tests based on clinical hypotheses
- Comprehensive test battery selection across 7+ domains

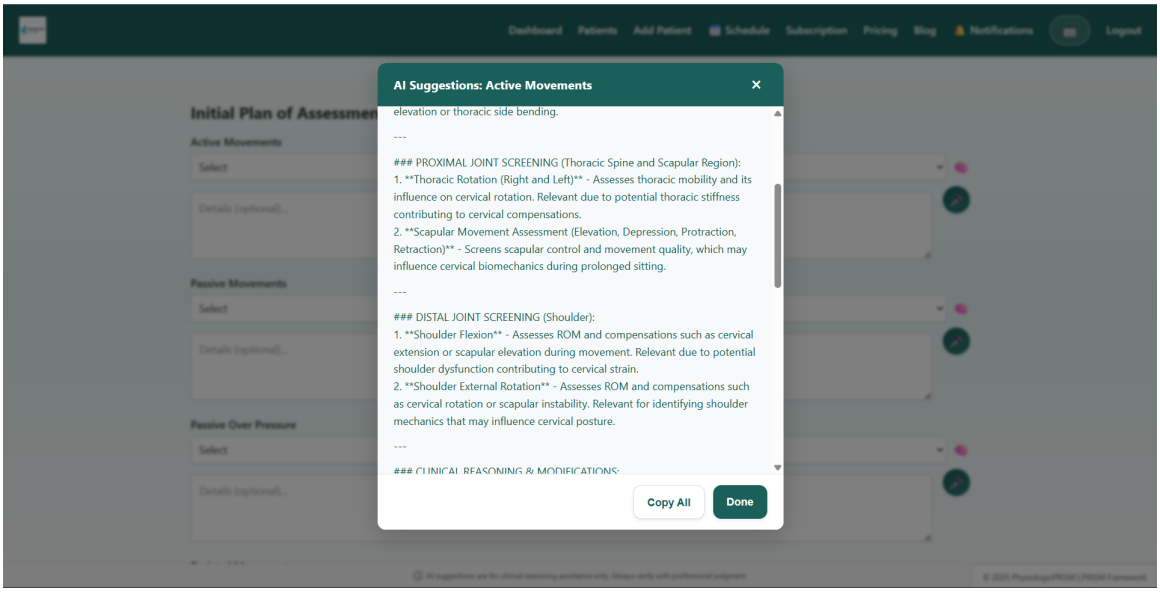
Initial Plan of Assessment 1



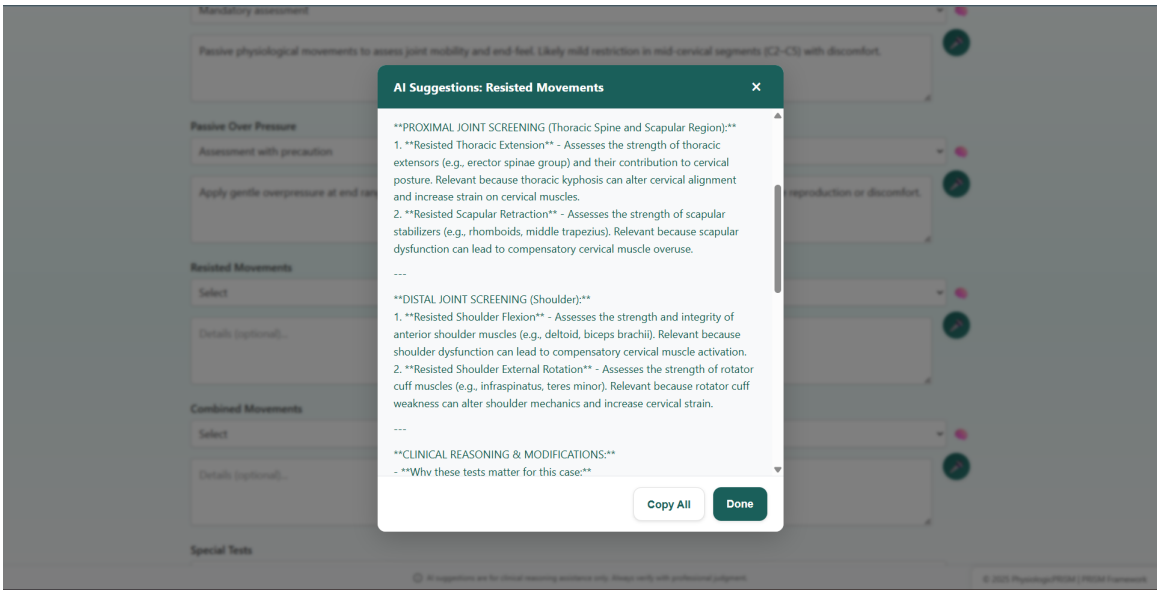
Initial Plan of Assessment AI 1



Initia Plan of Assessment AI 1.1



Initial Plan of Assessment AI 4.1



(29 additional workflow screenshots available for this module)

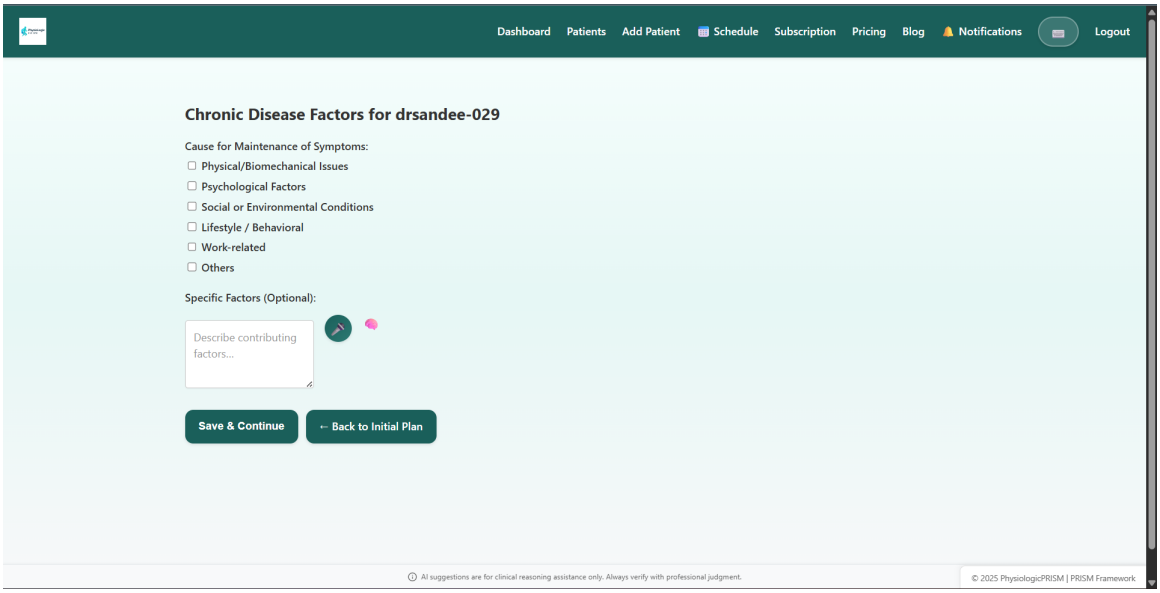
Module 6: Chronic Disease Factors & Maintenance Analysis

For persistent conditions, systematic analysis of biological, psychological, and social factors that may maintain symptoms. Integrates Yellow Flags assessment with evidence-based biopsychosocial screening.

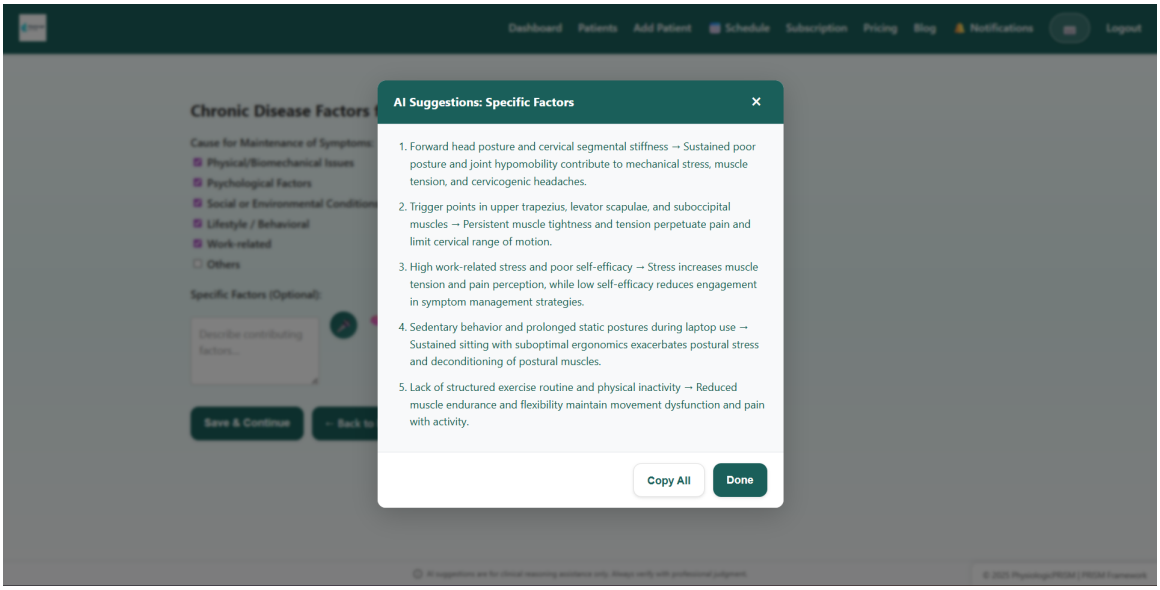
Key Features:

- Biopsychosocial factor assessment
- Fear-avoidance, catastrophizing, and self-efficacy screening
- AI-powered identification of modifiable maintenance factors

Chronic Diseases



Chronic Disaeses AI



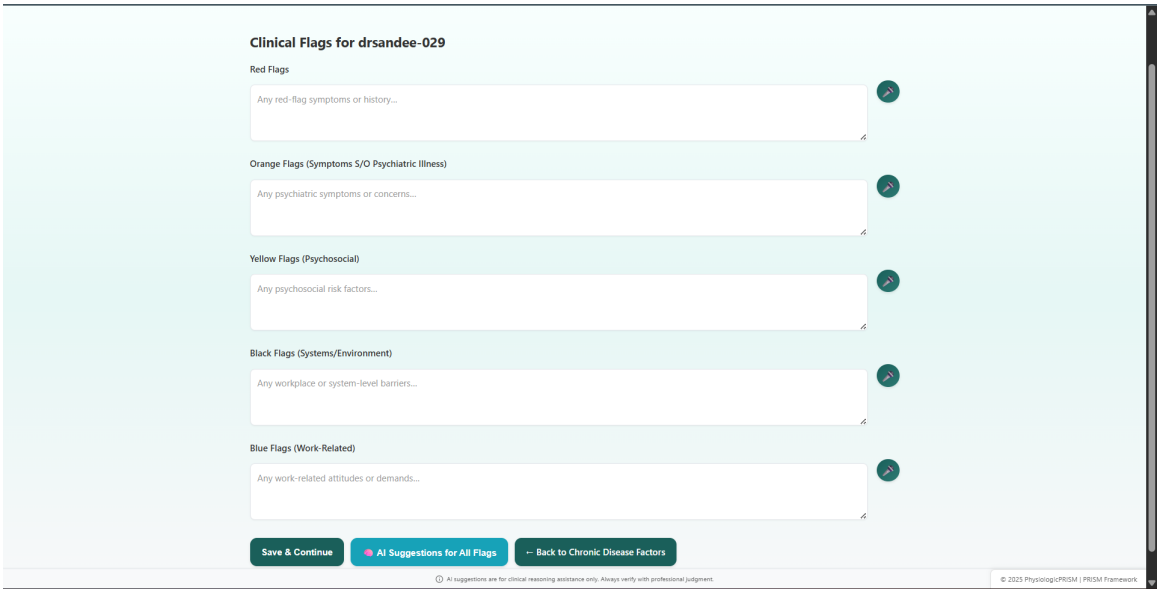
Module 7: Clinical Flags Screening

Systematic screening for red, yellow, blue, black, and orange flags ensures serious pathology is identified and psychosocial barriers to recovery are addressed early in the clinical encounter.

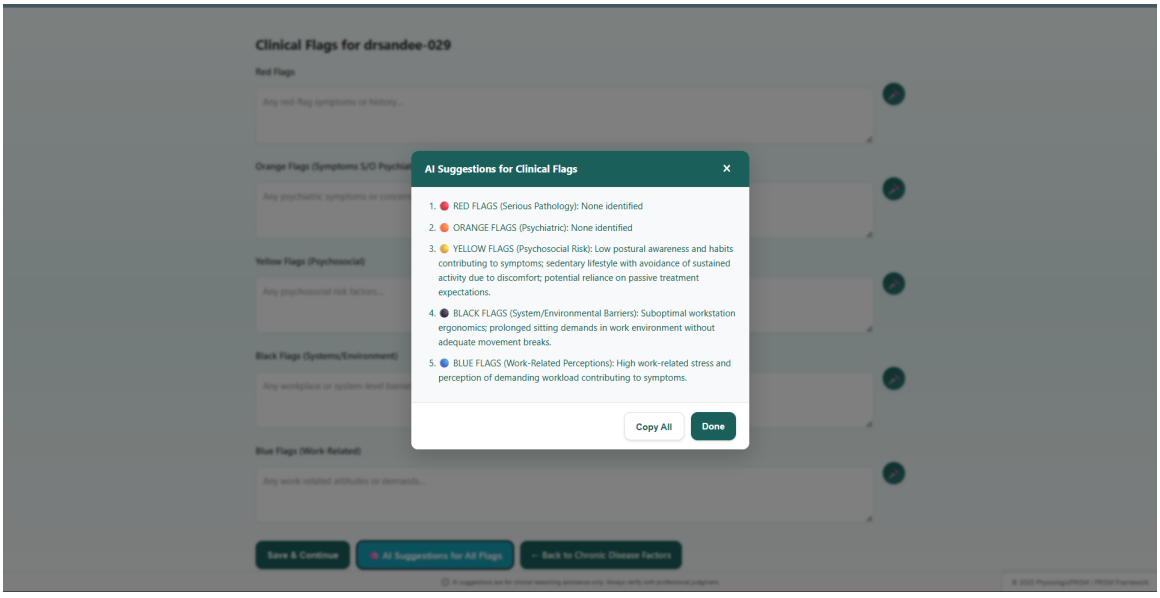
Key Features:

- 5-flag systematic screening (red/yellow/blue/black/orange)
- AI-comprehensive flag identification
- Clinical decision support for referral considerations

Clinical Flags



Clinical Flags AI



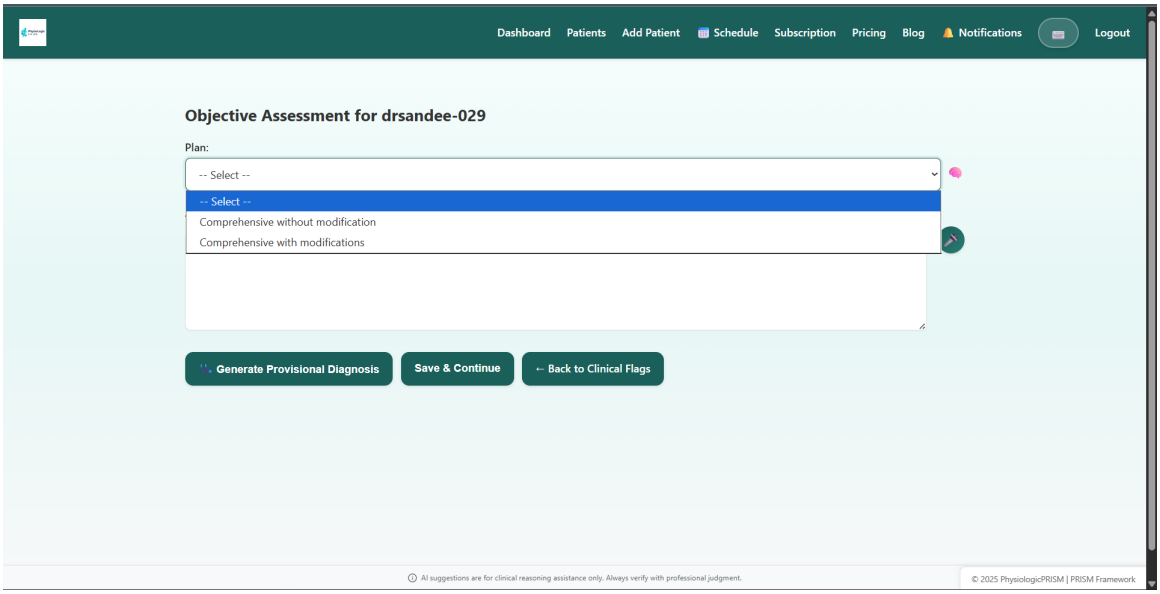
Module 8: Objective Examination

Documentation of physical examination findings including observation, ROM, muscle testing, special tests, neurological screening, functional movement, and palpation.

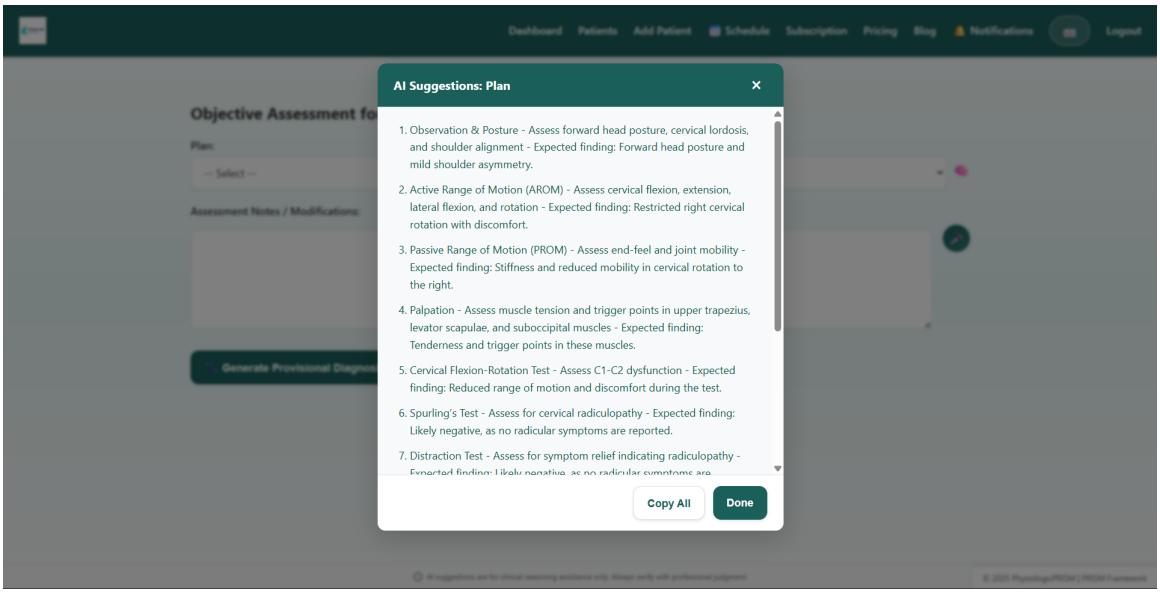
Key Features:

- Structured objective examination documentation
- AI suggestions for test interpretation
- Integration with assessment plan from Module 5

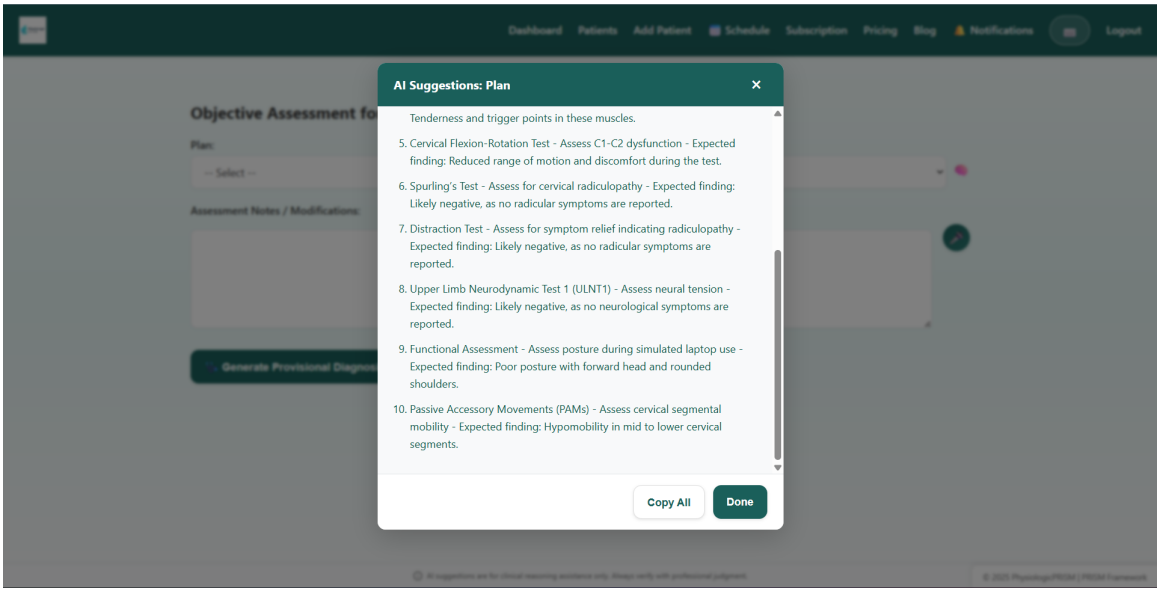
Objective Assessment



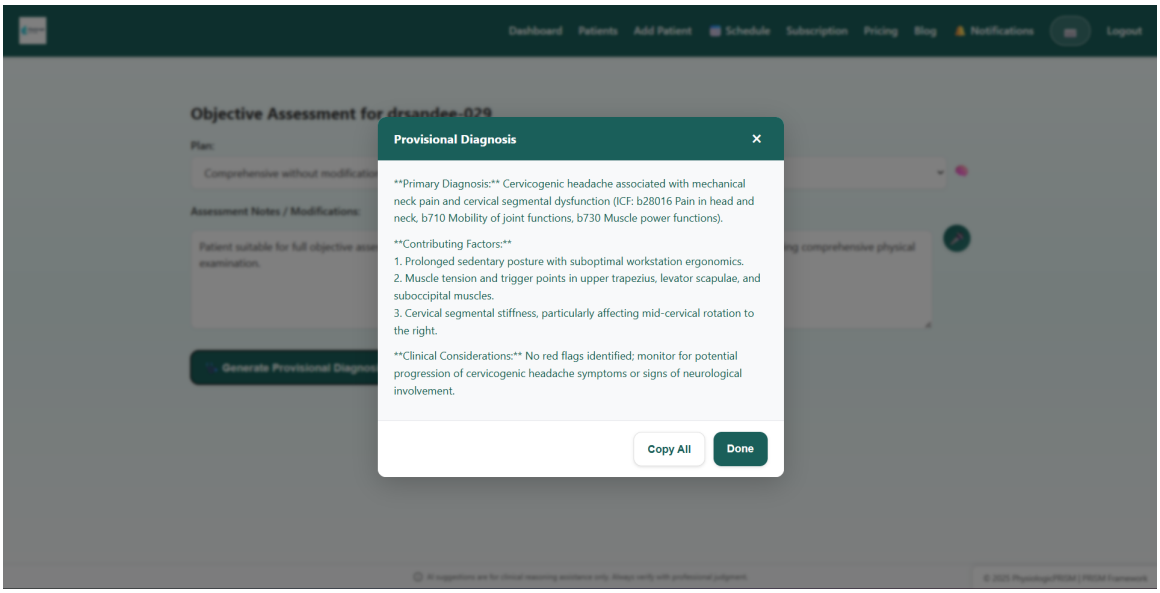
Objctive Assessment AI 1



Objctive Assessment AI 2



Objective Assessment Generate Diagnosis



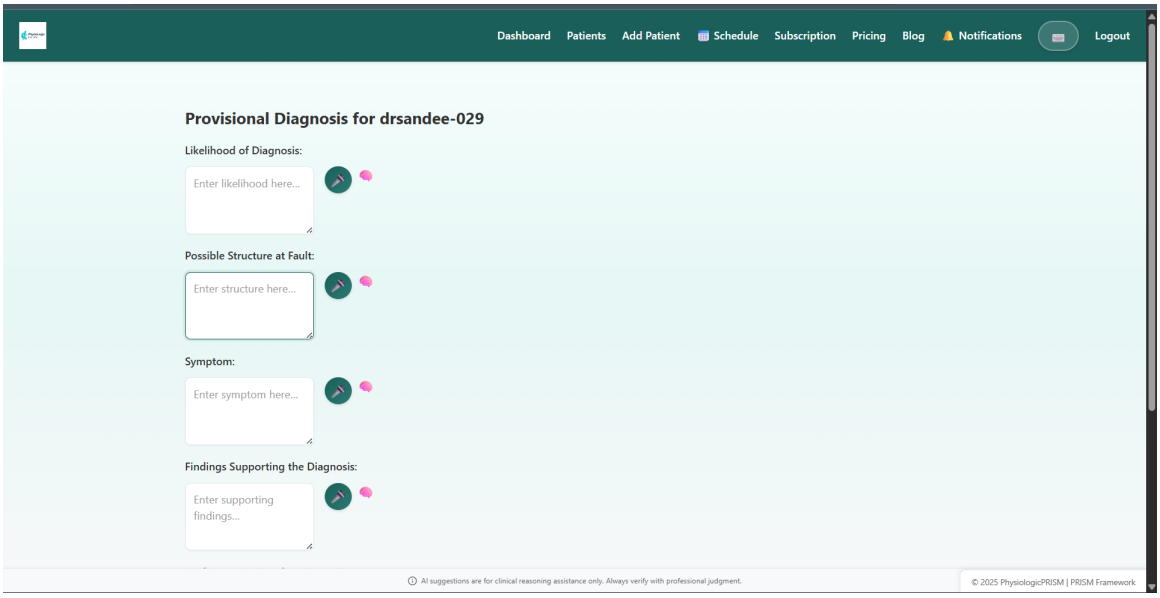
Module 9: Provisional Diagnosis

Synthesizing all assessment data, clinicians document their primary diagnosis with ICF coding, contributing factors, clinical considerations, and differential diagnosis. AI assists in formulating comprehensive clinical impressions.

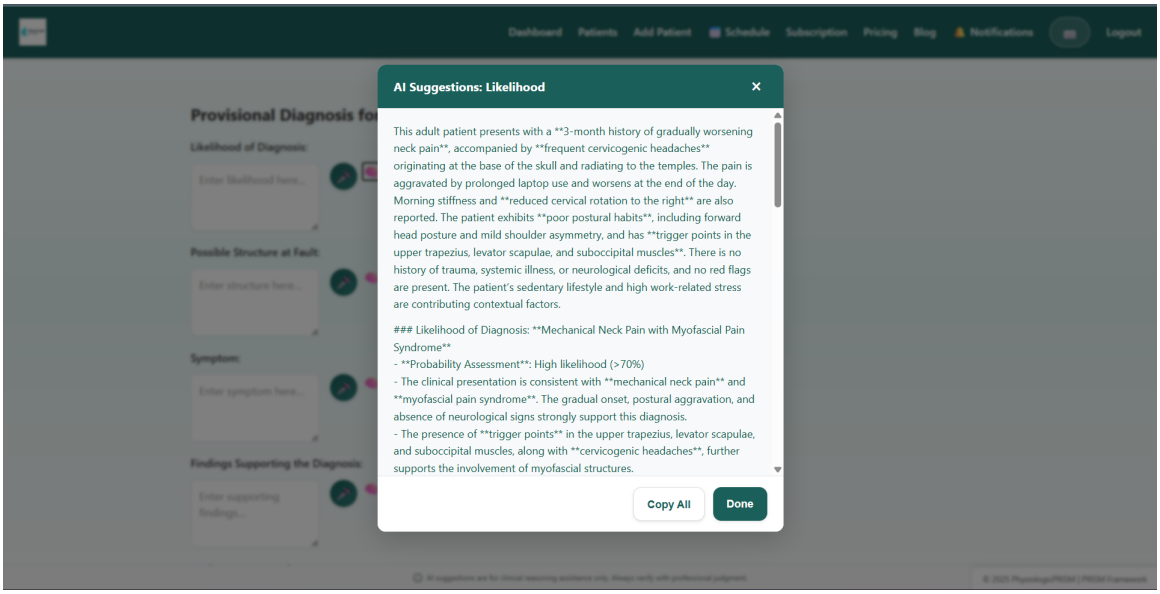
Key Features:

- ICF-coded primary diagnosis
- Structured contributing factors analysis
- AI-generated differential diagnosis and clinical considerations

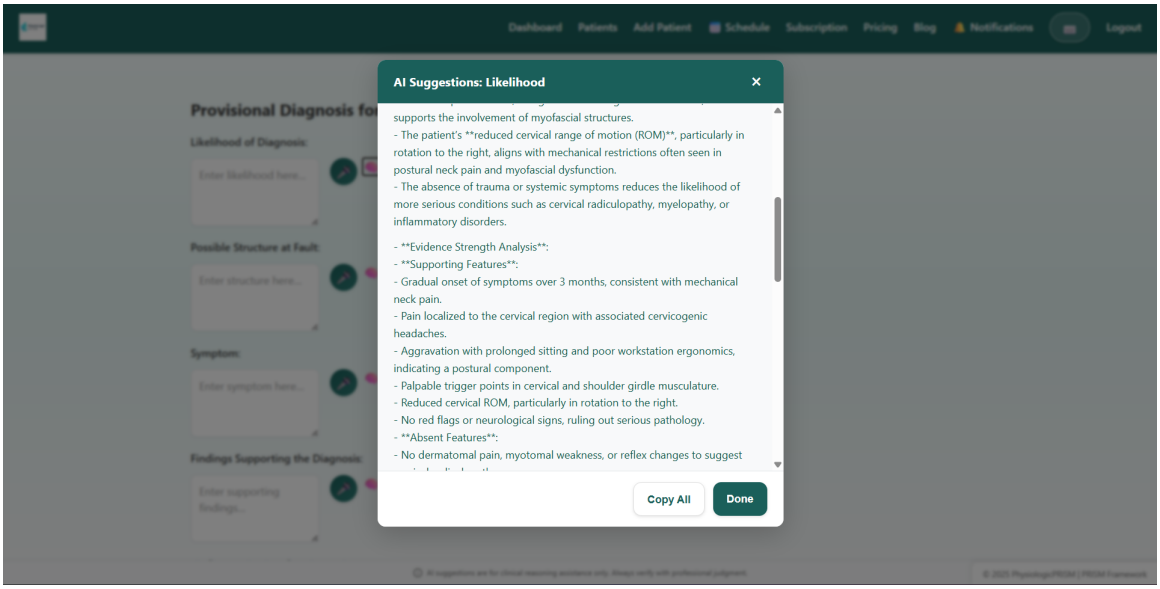
Provisional Diagnosis 1



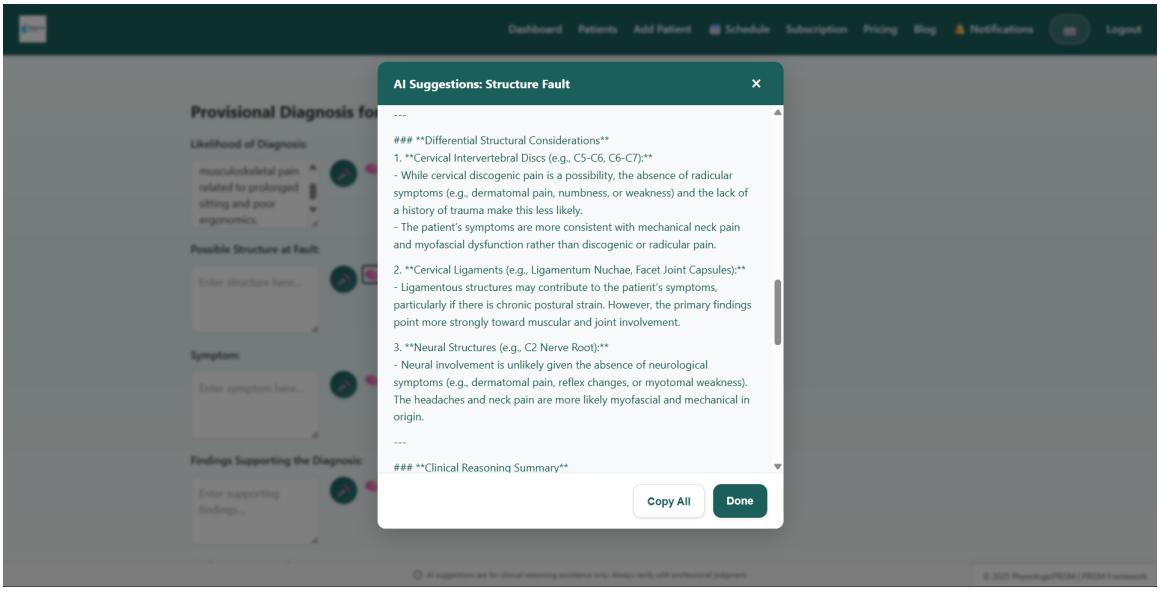
Provisional Diagnosis AI 1



Provisional Diagnosis AI 1.1



Provisional Diagnosis AI 2.4



(18 additional workflow screenshots available for this module)

Module 10: SMART Goals

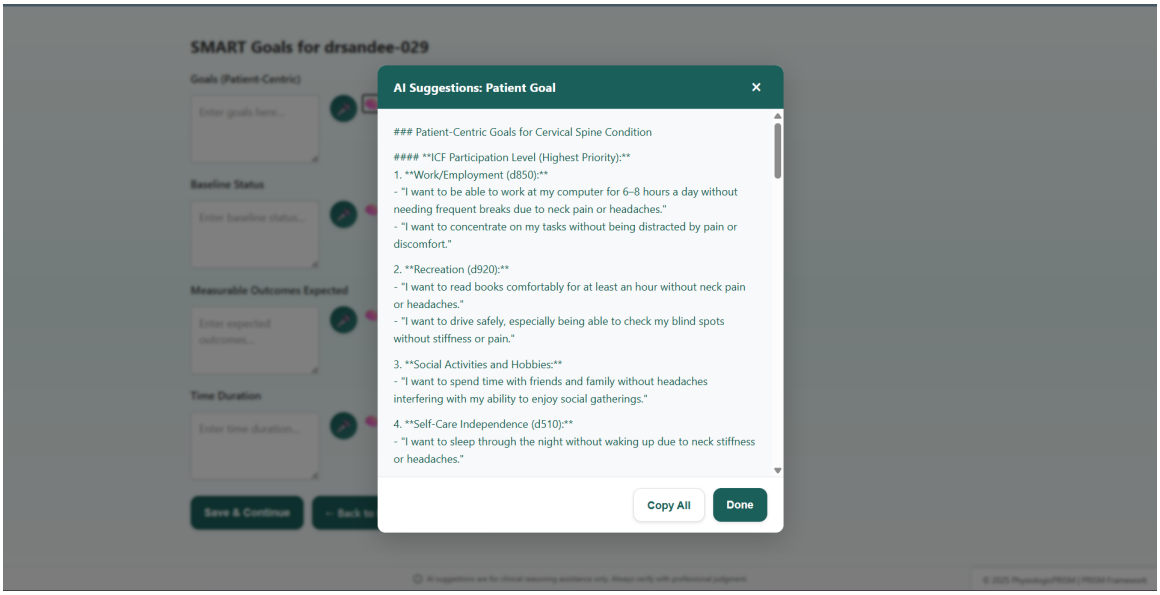
Evidence-based goal setting using the SMART framework (Specific, Measurable, Achievable, Relevant, Time-bound). AI suggests patient-centered goals based on the functional limitations and patient priorities identified earlier.

Key Features:

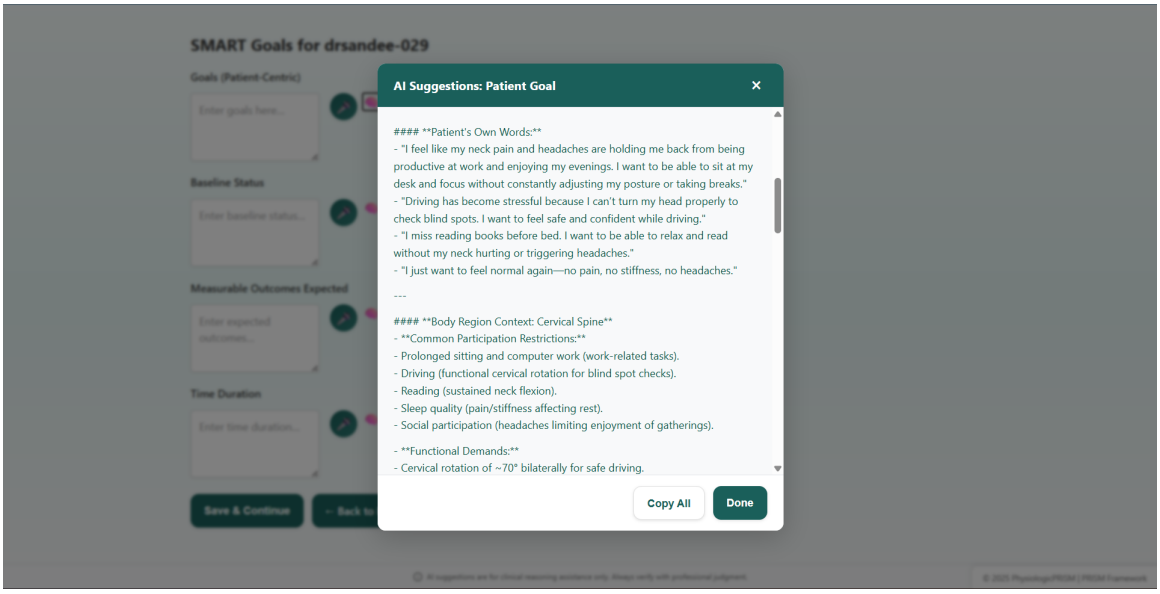
- SMART goal framework integration
- Patient-centered goal suggestions
- AI-powered goal generation aligned with ICF functioning data

SMART Goals

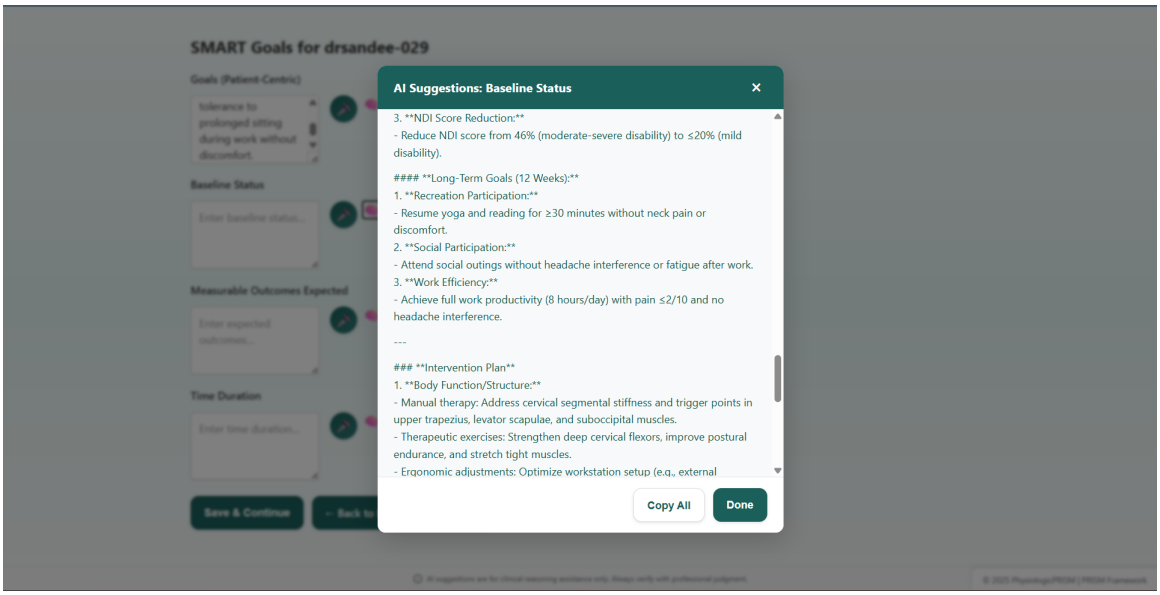
SMART Goals AI 1



SMART Goals AI 1.1



SMART Goals AI 2.8



(31 additional workflow screenshots available for this module)

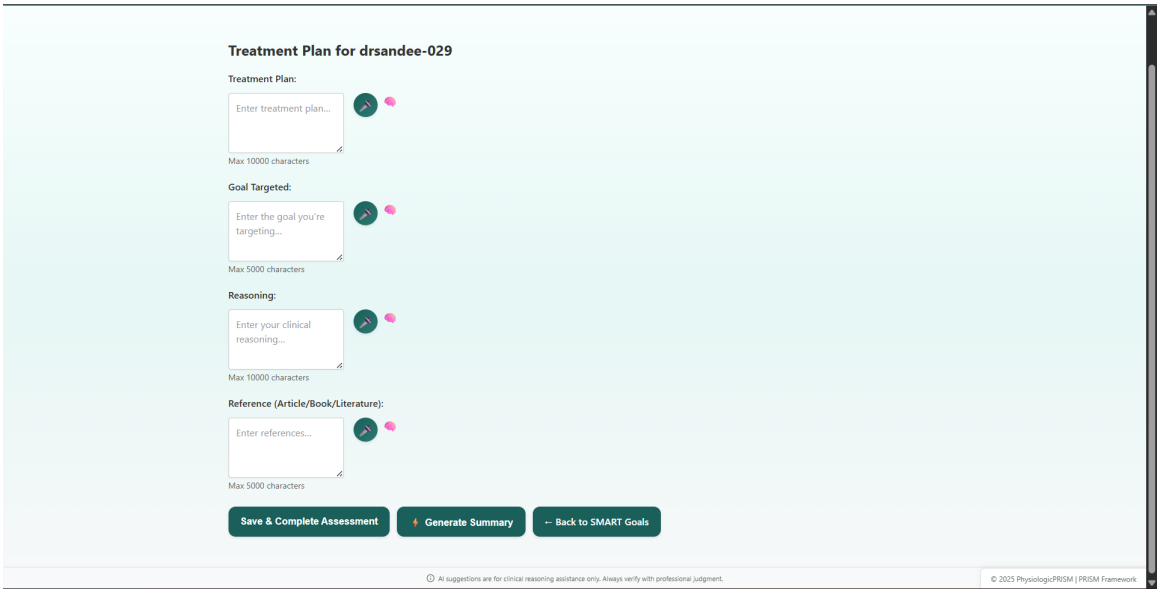
Module 11: Treatment Planning

Comprehensive treatment plan development including interventions, education strategies, home exercise programs, and progression criteria. AI provides evidence-based treatment recommendations.

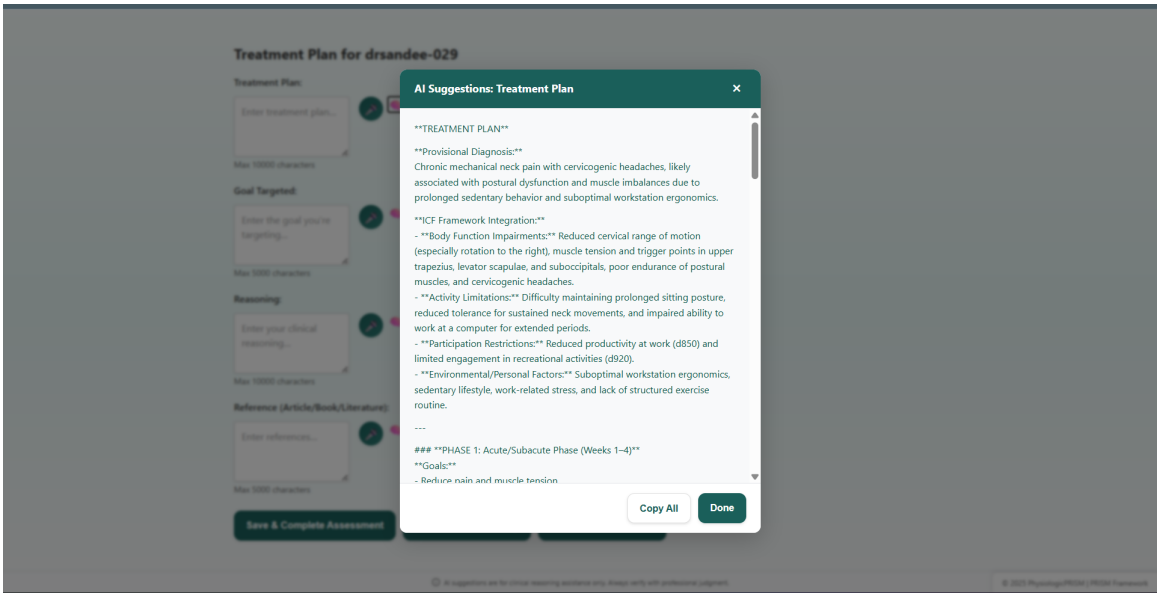
Key Features:

- Evidence-based intervention selection
- Structured patient education planning
- AI treatment recommendations based on diagnosis and goals

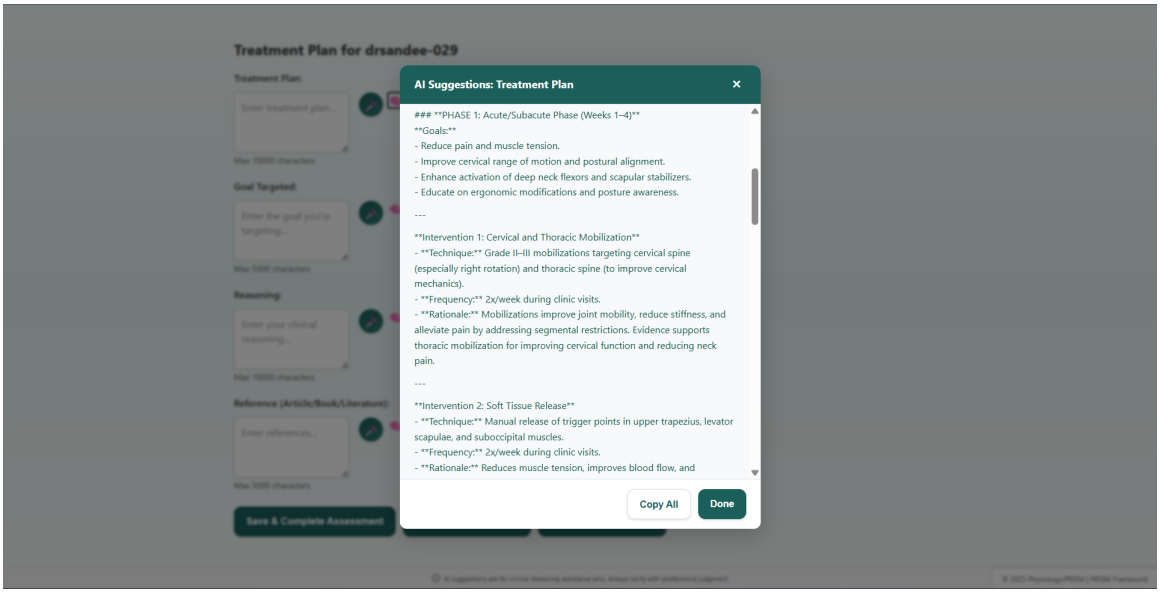
Treatment Plan



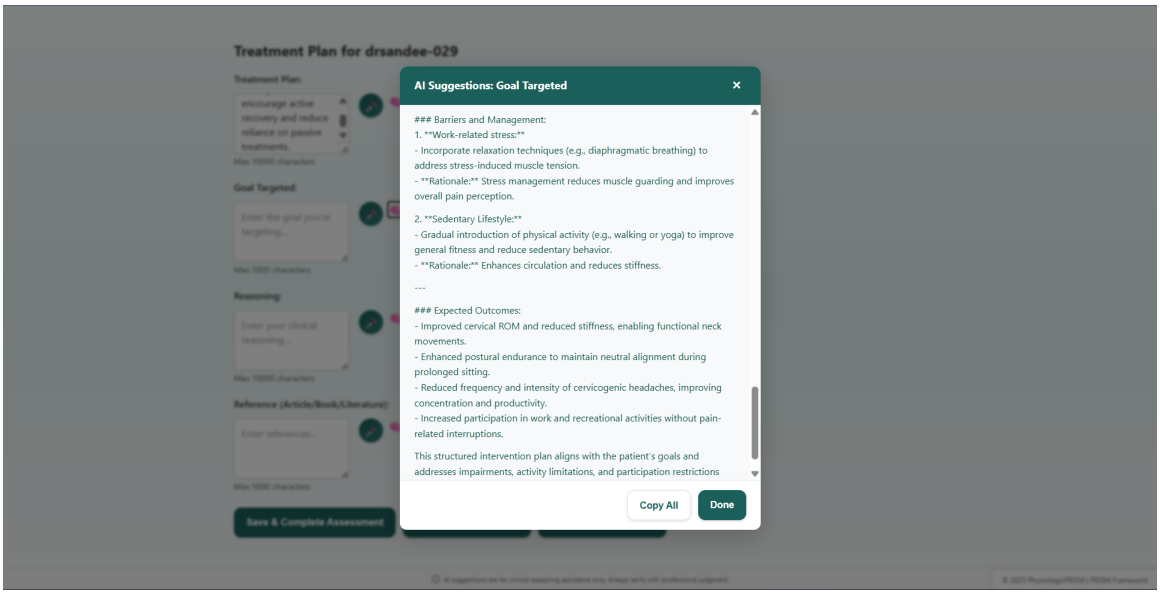
Treatment Plan AI 1



Treatment Plan AI 1.1



Treatment Plan AI 2.4



(20 additional workflow screenshots available for this module)

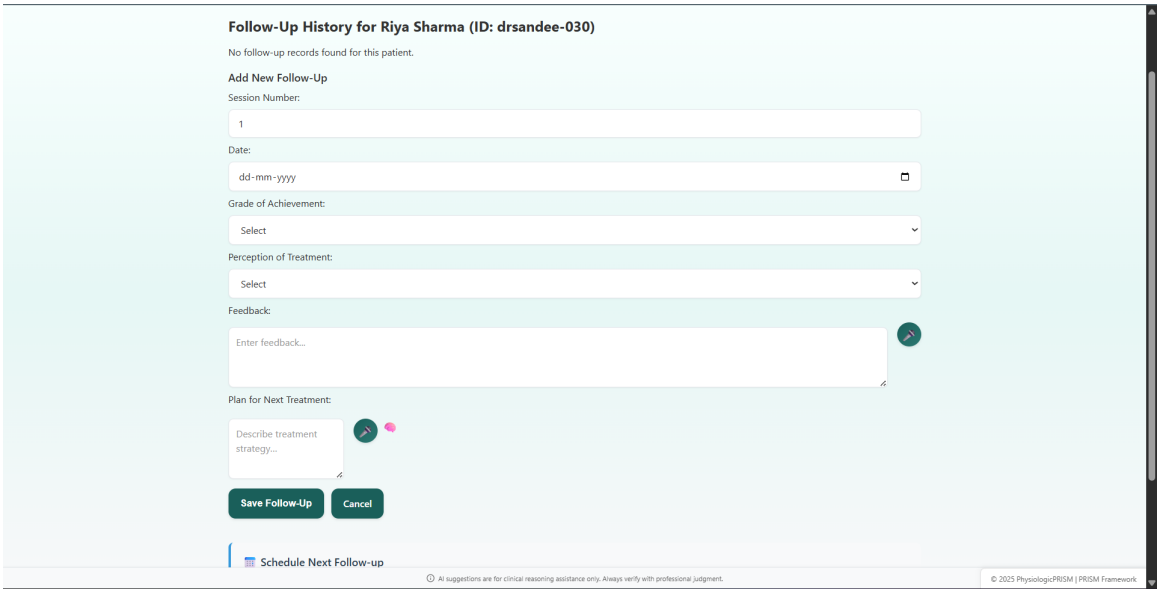
Module 12: Follow-up & Outcomes Tracking

Complete the clinical documentation cycle with structured follow-up planning and outcomes measurement. The system generates comprehensive PDF reports for patients, referrers, and insurance documentation.

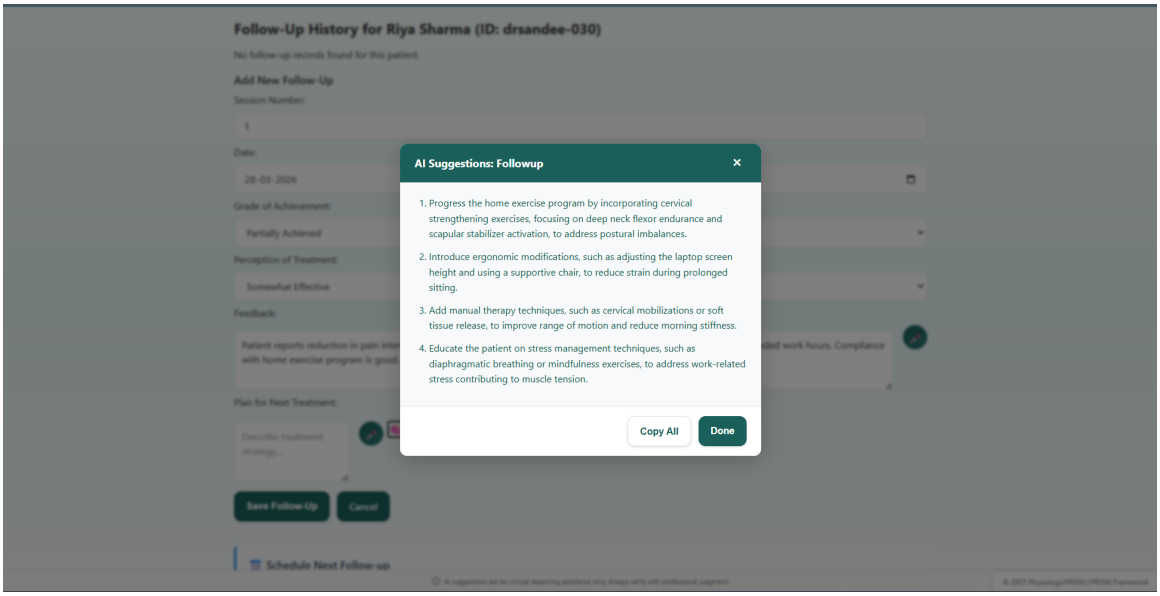
Key Features:

- Structured follow-up documentation
- Comprehensive PDF report generation
- Complete clinical reasoning documentation for legal defensibility

Follow Up



Follow Up AI



Complete PRISM Workflow Summary

The PRISM framework guides physiotherapists through 12 comprehensive modules, ensuring complete clinical documentation from initial intake to ongoing outcomes tracking:

Module	Focus Area	Key Output
1	Present & Past History	Chief complaint, symptom behavior, medical screening
2	Pain Mechanisms	Nociceptive/neuropathic/nociplastic classification
3	ICF Functioning Assessment	Body structures, functions, activities, participation
4	Patient Perspectives	Illness perceptions (Common Sense Model)
5	Assessment Planning	Evidence-based test selection strategy
6	Chronic Disease Factors	Biopsychosocial maintenance factors
7	Clinical Flags	Red/yellow/blue/black/orange flag screening
8	Objective Examination	Physical examination findings
9	Provisional Diagnosis	ICF-coded diagnosis, differential diagnosis
10	SMART Goals	Patient-centered, measurable goals
11	Treatment Planning	Evidence-based intervention selection
12	Follow-up & Outcomes	Progress tracking, outcomes measurement

Comprehensive PDF Report Output

Upon completing the PRISM workflow, the system generates a professional PDF report containing:

- Complete patient assessment findings across all 12 modules
- ICF-coded diagnosis with clinical reasoning documentation
- SMART goals aligned with patient priorities
- Evidence-based treatment plan with progression criteria
- Home exercise program and patient education materials
- Professional formatting suitable for patients, referrers, and insurance

This comprehensive documentation ensures clinical defensibility, supports continuity of care, and demonstrates adherence to best-practice guidelines endorsed by WCPT and other professional bodies.