



Prosthetic Biomechanical Analysis Report

Prothexa AI Clinical Mobility Platform

Patient Name: Ravi Kumar

Date: 2026-02-17

Age: 28

Report ID: PBAR-123332

Patient Clinical Profile

Parameter	Value
Gender	male
Height	172.0 cm
Weight	68.0 kg
BMI	22.99
Blood Pressure	118/76 mmHg
Blood Sugar	92 mg/dL
Existing Conditions	None

Gait Metrics Summary

Metric	Value	Interpretation
Step Length	43.33 cm	Normal
Cadence	70.0 spm	Normal
Walking Speed	0.8 m/s	Optimal
Gait Symmetry	32.32	Excellent
Skin Temp	21.83 °C	Stable
Pressure Distribution	0.9	Balanced
Skin Moisture	34.0 %	Low Risk

Risk Classification

Factor	Status
Gait Abnormality	Abnormal
Skin Irritation Risk	Low
Prosthetic Health Score	80.17/100
Overall Clinical Risk	Low

AI Clinical Interpretation & Recommendations

AI Clinical Interpretation based on patient health temporarily unavailable due to high usage. Please try again later.

This AI-generated report is for information purposes only and does not replace professional medical consultation.