



Prosthetic Biomechanical Analysis Report

Prothexa AI Clinical Mobility Platform

Patient Name: Sai Kumar

Date: 2026-02-17

Age: 29

Report ID: PBAR-074113

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	45.0 cm	Normal
Cadence	95.0 spm	Normal
Walking Speed	1.1 m/s	Optimal
Gait Symmetry	0.92	Excellent
Skin Temp	33.8 °C	Stable
Pressure Distribution	0.88	Balanced
Skin Moisture	55.0 %	Low Risk

Risk Classification

Factor	Status
Gait Abnormality	Normal
Skin Irritation Risk	Low
Prosthetic Health Score	96.8/100
Overall Clinical Risk	Low

AI Clinical Interpretation & Recommendations

AI interpretation failed to generate. Please check system logs for API errors.

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