

Prosthetic Biomechanical Analysis Report

Patient Name: Sai phani

Date: 2026-02-17

Age: 30

Report ID: PBAR-003210

Patient Clinical Profile

Parameter	Value
Gender	male
Height	175.0 cm
Weight	70.0 kg
BMI	22.86
Blood Pressure	118/76 mmHg
Blood Sugar	95 mg/dL
Existing Conditions	None

Gait Metrics Summary

Metric	Value	Interpretation
Step Length	48.0 cm	Normal
Cadence	100.0 spm	Normal
Walking Speed	1.1 m/s	Optimal
Gait Symmetry	0.92	Excellent
Skin Temp	33.5 °C	Stable
Pressure Distribution	0.88	Balanced
Skin Moisture	52.0 %	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 analysis temporarily unavailable.

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