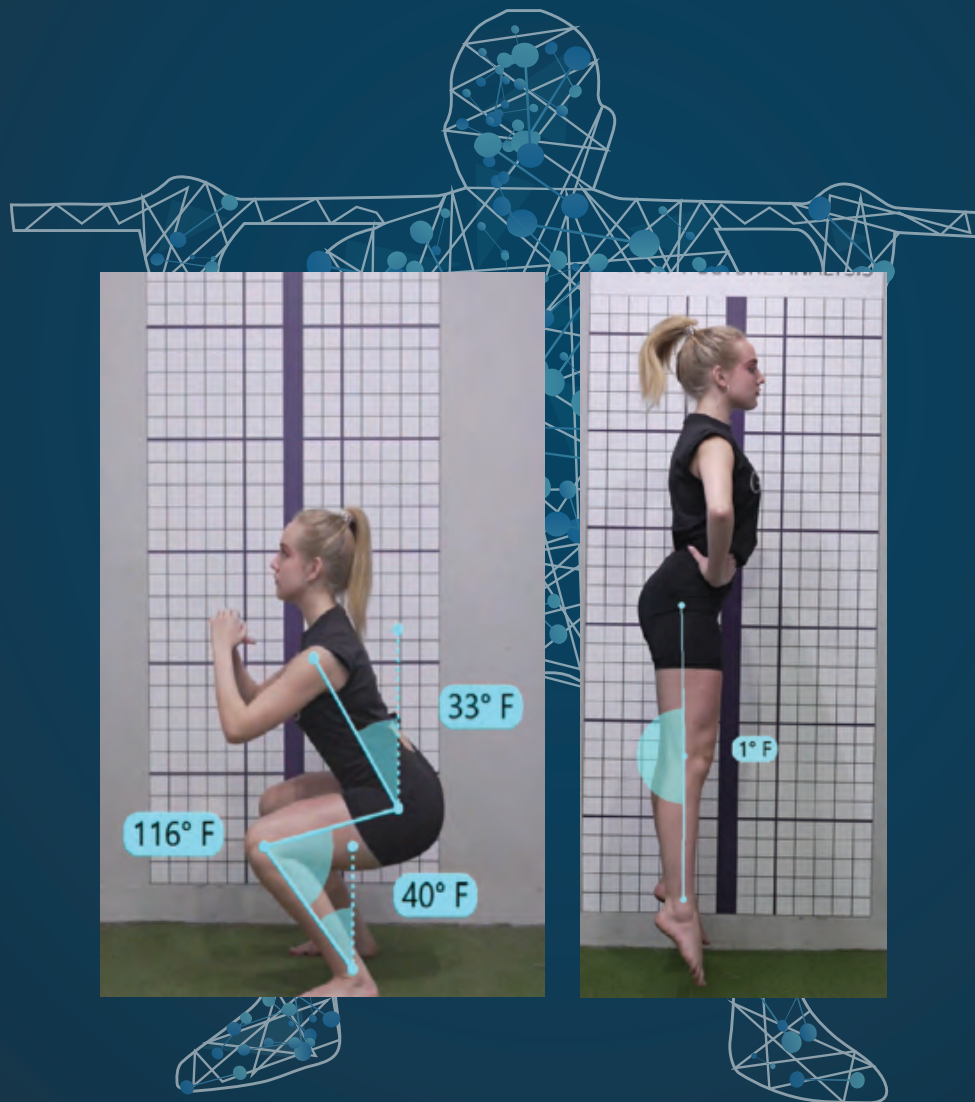


GaitON[®]



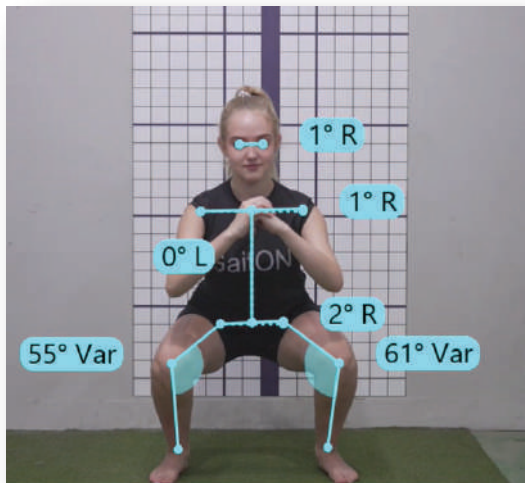
Functional Movement Analysis

GaitON[®] is trusted by **500+ centers** globally for gait & posture analysis

Is your center GaitON[®] ready?

WORKFLOW

A 2 step process to complete a biomechanical assessment



1. CAPTURE

Capture the functional movements (squat + jump) using cameras with realtime feedback of joint angles

Squat Analysis

ANTERIOR VIEW		
Parameter	Assessment Value	
SQUAT CYCLE		
Head tilt (Average)	0.5° (Right)	
Shoulder tilt (Average)	1.4° (Right)	
Lateral trunk tilt (Average)	0.2° (Right)	
Hip tilt (Average)	0.1° (Left)	
Stance Width (as % of shoulder width)	146.6% (Medium)	
Ascent/Descent ratio	1.47 : 1	
MAXIMUM SQUAT DEPTH		
Frontal knee alignment (with 2nd toe)	L: 3.4° (Medial)	R: 3.9° (Medial)
*All data is averaged for 3 squat cycles.		

JOINT ANGLES

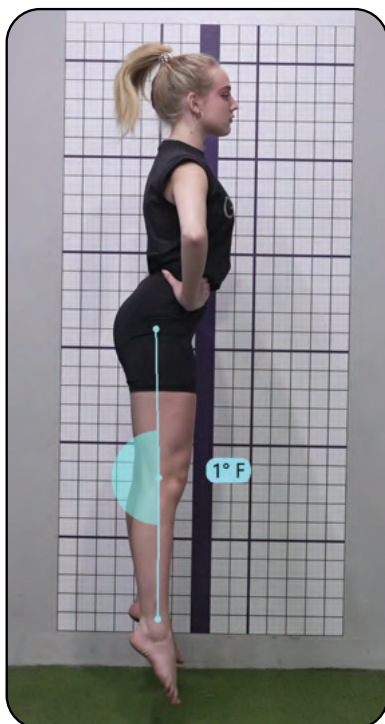
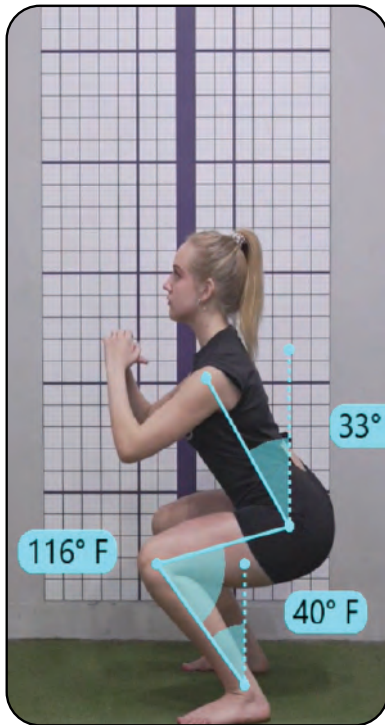
A video frame showing a person in a squatting position from an anterior view. The person is wearing a black t-shirt and shorts. Teal lines and arrows indicate joint angles at the head, shoulders, hips, and knees. The person is standing on a green mat in front of a window with a grid pattern.

GaitON Motionless www.gaiton.com 1 | Page

2. REPORT

GaitON® exports the analysis results to well organised and print ready reports.

FUNCTIONAL MOVEMENT ANALYSIS



GaitON® functional movement analysis is used by 500+ centers globally for a markerless and realtime analysis of squat, jump and other functional activities.

VIEWES ANALYZED

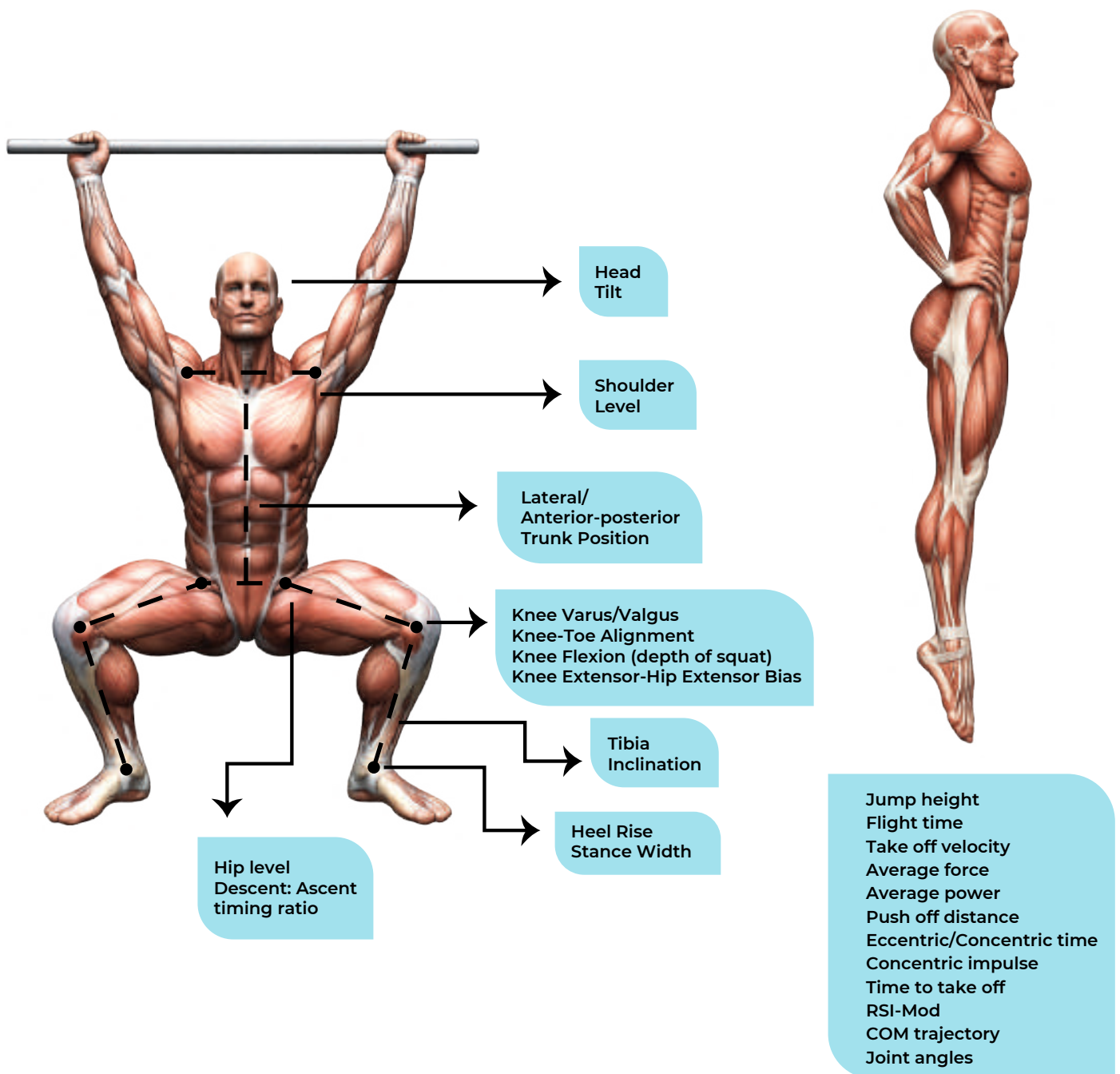


LATERAL AND ANTERIOR VIEW

FUNCTIONAL ACTIVITIES
SQUAT, COUNTER MOVEMENT
JUMP & MORE!

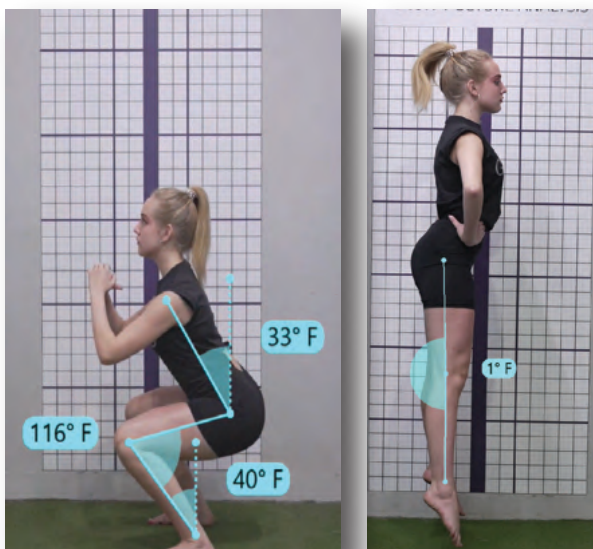
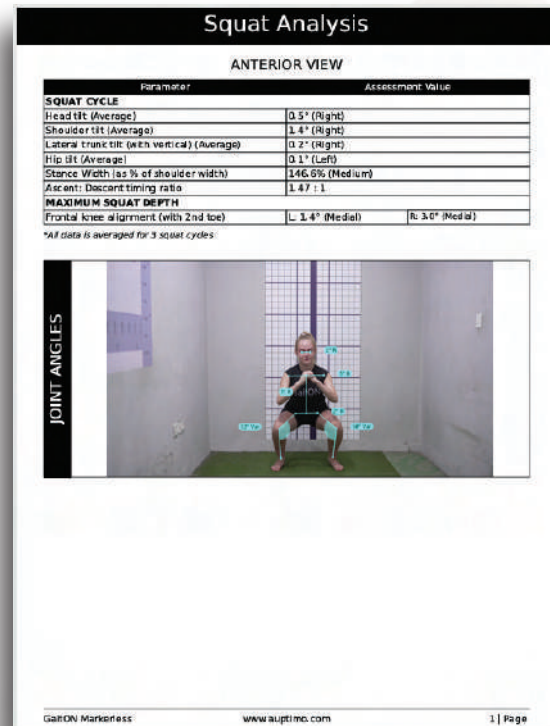
KEY DATA MEASURED

GaitON's functional movement analysis module provides a markerless and a realtime analysis of complete squat and jump activities from anterior and lateral views



FUNCTIONAL MOVEMENT ANALYSIS : KEY FEATURES

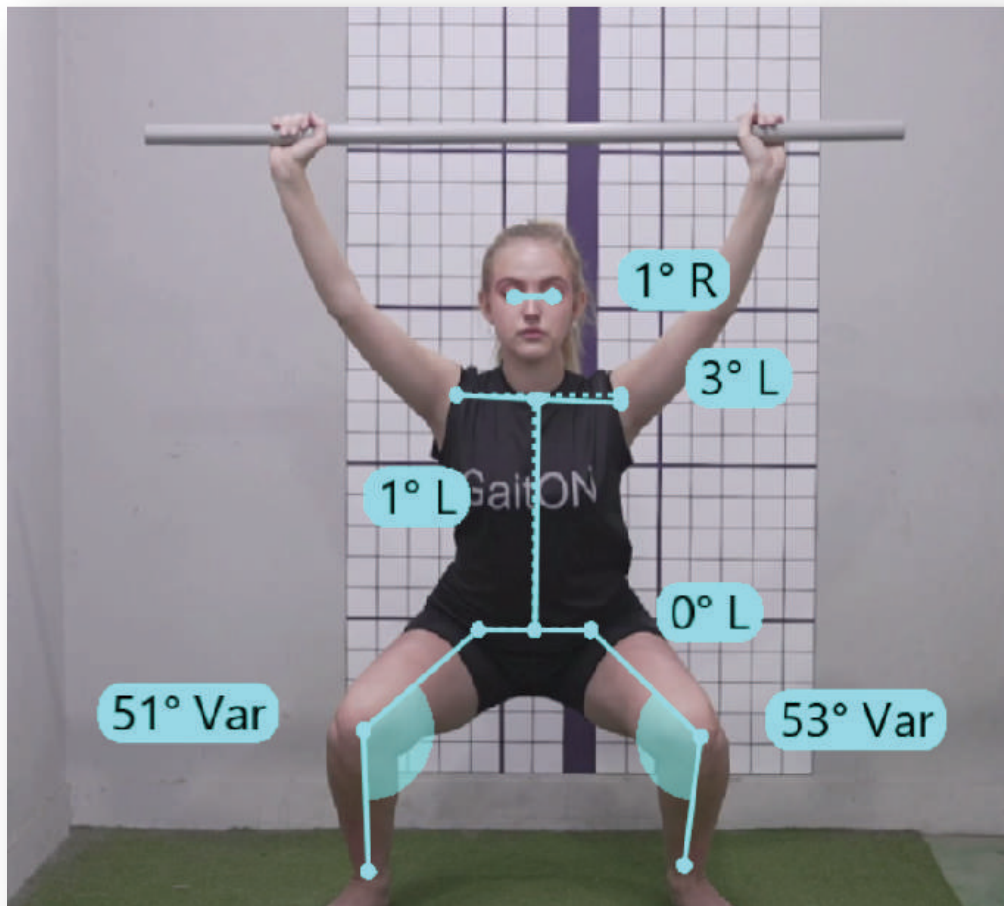
A detailed and realtime squat + jump report for mobility assessment and counter movement jump for power assessments.



Everything markerless and realtime, no force plates needed!

TOP REFERENCES

FUNCTIONAL MOVEMENT ANALYSIS



SETUP

 **Col (Dr) Rana K Chengappa**
Sports Medicine & Ortho Rehab

Col(Dr) Rana K Chengappa
Sports Medicine & Ortho Rehab,
Delhi (India)



1 Digital Camera



GaitON® Software

REFERENCES



Adidas



Indian Navy



BSF



Safdarjung hospital



Hawai'i Pacific University



SRM University



Amrita Hospital



Belle Vue Clinic



Col(Dr) Rana K Chengappa
Sports Medicine & Ortho Rehab



Perfect Bounce



Delhi Foot



Sporting Ethos

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