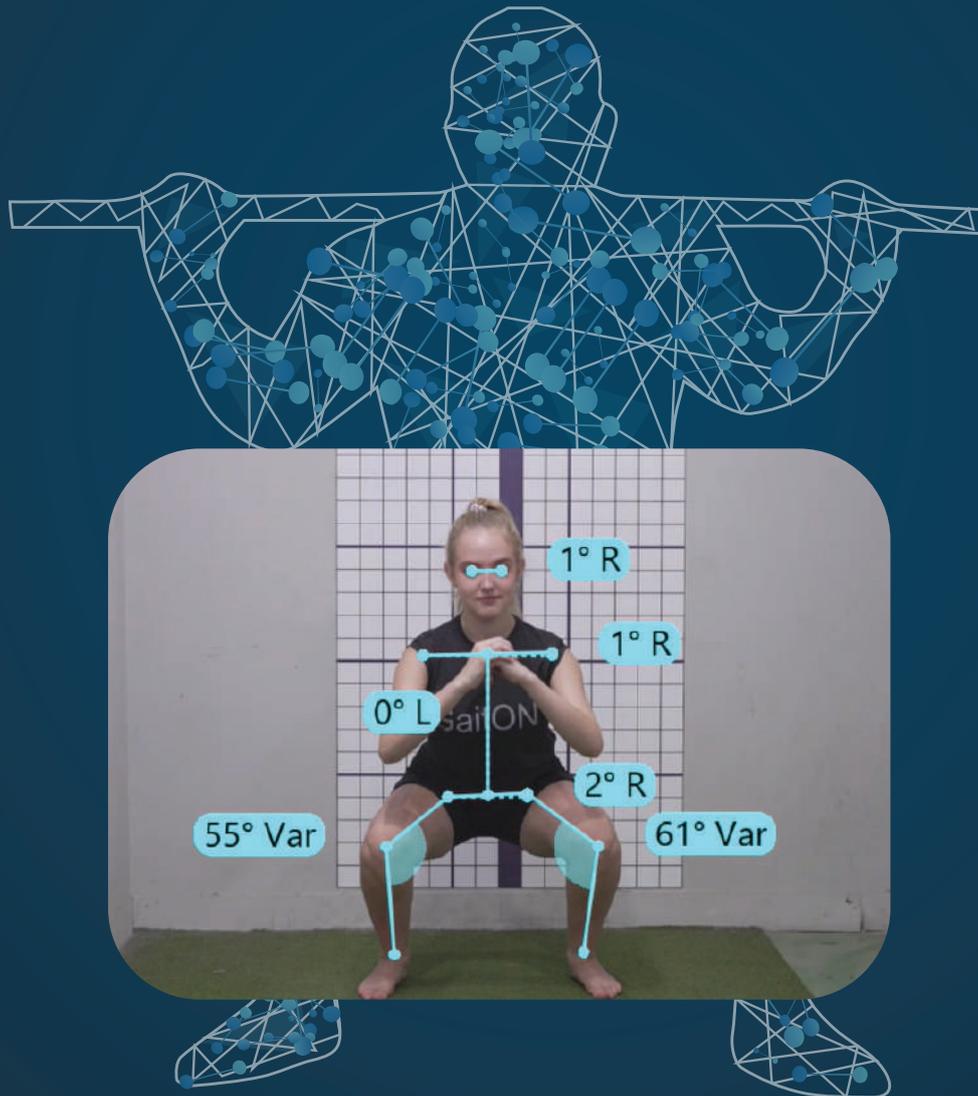


GaitON[®]



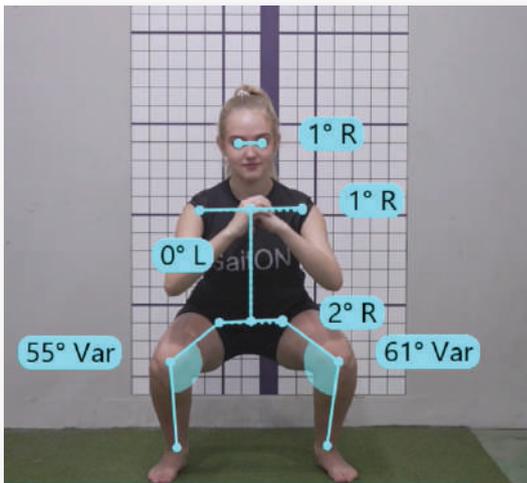
Squat Analysis

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

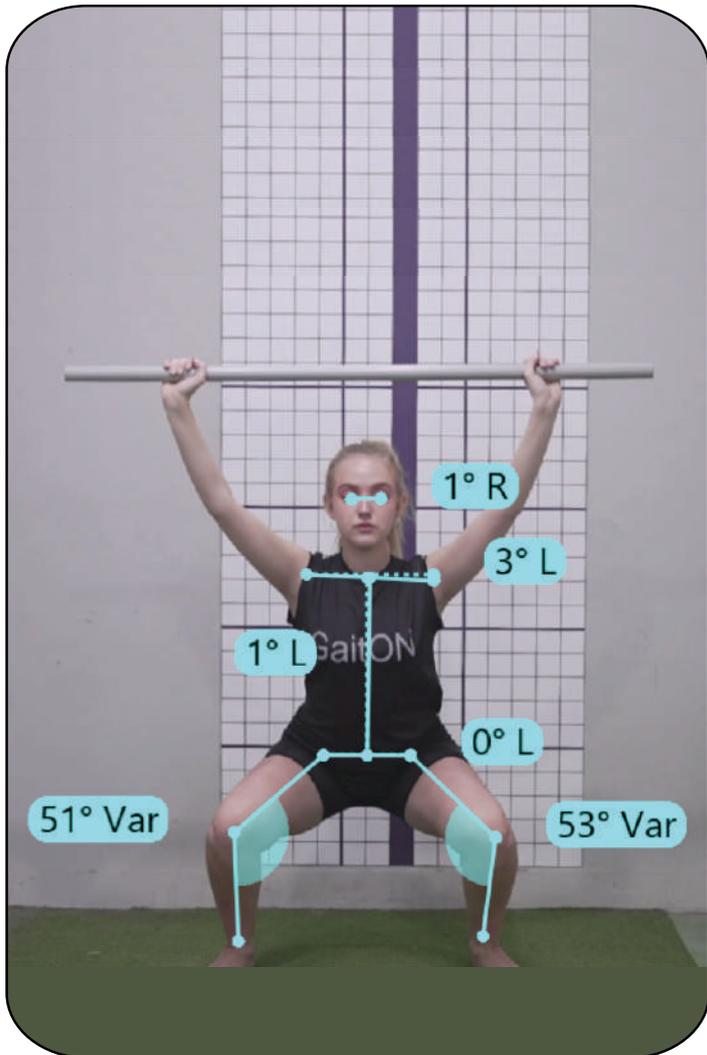
Capture the squat using cameras with realtime feedback of joint angles



2. REPORT

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

SQUAT ANALYSIS



GaitON® squat analysis software is used by 500+ centers globally for a precise and realtime analysis of squat patterns.

VIEWS ANALYZED

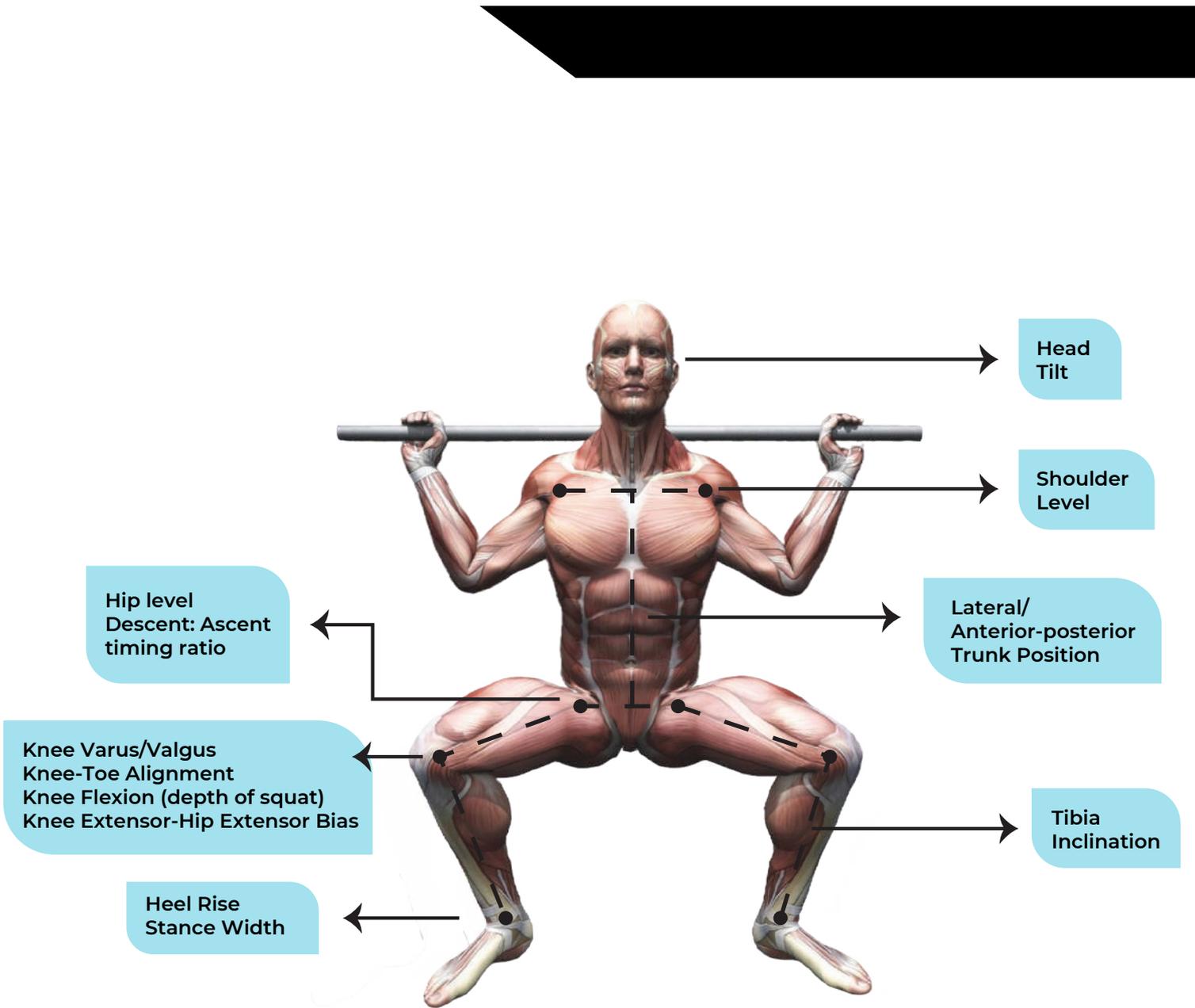


LATERAL AND ANTERIOR VIEW

SQUAT VARIATIONS
FREE, GOBLET, BACK, FRONT,
OVERHEAD & MORE!

KEY DATA MEASURED

GaitON's squat module provides a markerless and a realtime analyses of complete squat posture from anterior and lateral views



SQUAT REPORTS : KEY FEATURES

A detailed and realtime report with 12+ squat parameters averaged over multiple squat cycles.

Squat Analysis

ANTERIOR VIEW

Parameter	Assessment Value
SQUAT CYCLE	
Head tilt (Average)	0.5° (Right)
Shoulder tilt (Average)	1.4° (Right)
Lateral trunk tilt (with vertical) (Average)	0.2° (Right)
Hip tilt (Average)	0.1° (Left)
Stance Width (as % of shoulder width)	146.6% (Medium)
Asc vs Desc timing ratio	1.47 : 1
MAXIMUM SQUAT DEPTH	
Frontal knee alignment (with 2nd toe)	L: 1.4° (Medial) R: 3.0° (Medial)

*All data is averaged for 3 squat cycles.

JOINT ANGLES



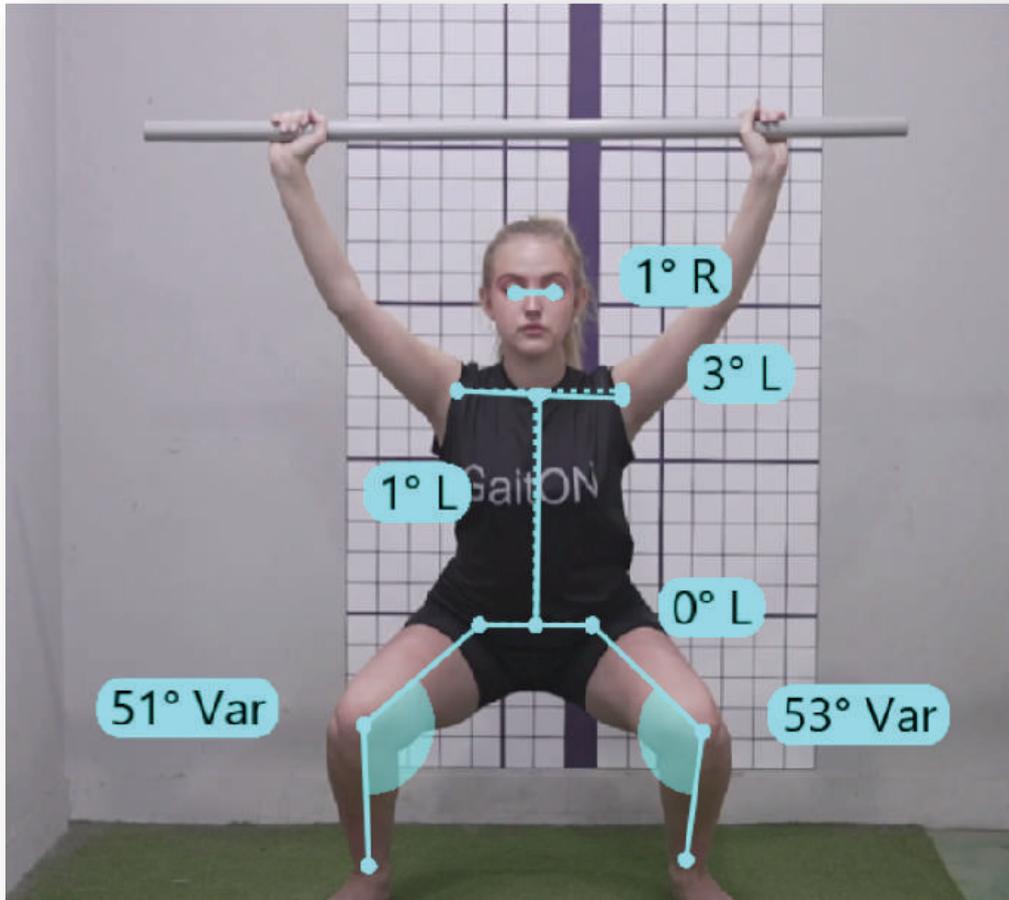
GaitON Markers www.auptrio.com | Page 1



Analysis of different squat variations (Free, Overhead, Back, Front etc.)

TOP REFERENCES

SQUAT ANALYSIS



SETUP



1 Digital Camera



GaitON[®] Software

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

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

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

GaitON[®]

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