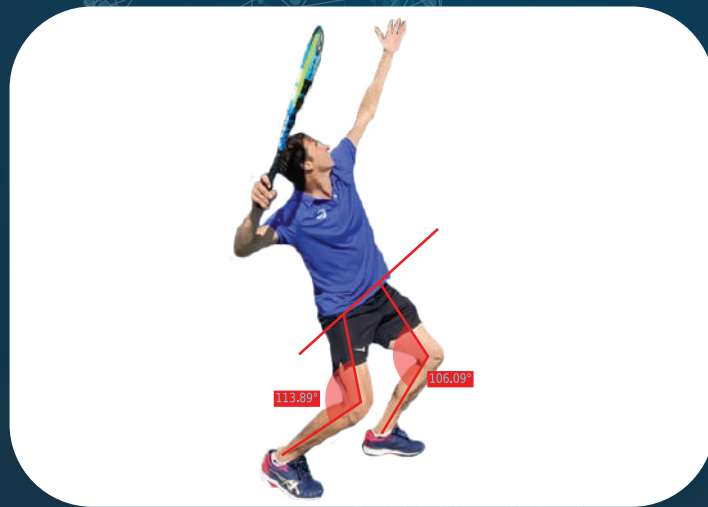# GaitON®

by auptimo

Tennis Serve Analysis

GaitON is trusted by **300+ clinicians**
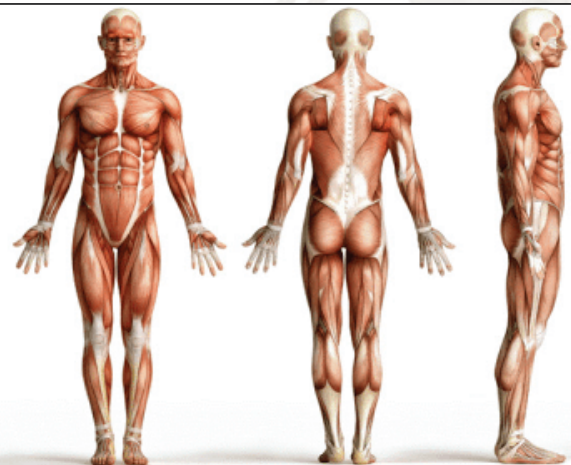globally for gait & posture analysis
Is your center GaitON ready?

TENNIS SERVE ANALYSIS

GaitON's tennis serve analysis module is based on the directives of the Women's Tennis Association & the Shoulder Center of Kentucky & helps in detecting biomechanical faults during the tennis serve.

VIEWS ANALYZED

113.89°

106.09°

ANTERIOR . POSTERIOR . LATERAL

SURFACE

TENNIS COURT

TENNIS SERVE REPORTS : KEY FEATURES

Assess **tennis serve biomechanics**

Posterolateral View
All nodes are evaluated at the position of maximum knee bend

Bad mechanics: Counter-hip rotation inadequate, increasing abdominal load. Hip & Trunk flexibility & strength to be checked

The following table gives an overview of the various key nodes present during the tennis serve, evaluated at maximum knee bend

POSTERO LATERAL VIEW				
Knee Bend	Yes	✓	No	
Counter Hip Rotation	Yes		No	✓
Posterior Hip Tilt	Yes		No	✓
Trunk Hip Separation	Yes		No	✓
Shoulder Alignment	Yes	✓	No	

ANTERIOR VIEW				
Foot Position	Yes	✓	No	

GLOSSARY

Yes: Node is present, indicating good mechanics
No: Node is absent, indicating bad mechanics

Explain all observations through **organized reports.**

KEY DATA MEASURED

POSTEROLATERAL VIEW	ANTERIOR
• Knee Bend • Counter Hip Rotation • Trunk Hip Seperation • Posterior Hip Tilt • Shoulder Alignment and more...	• Foot Position and more...

TENNIS SERVE ANALYSIS

REFERENCES

Adidas

Indian Navy

BSF

Jamia Milia Islamia

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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