



# FootMat™ Software for Clinicians

## Software for Foot Function & Gait Analysis

FootMat Software provides reliable pressure data to objectively evaluate dynamic foot function and gait. Perform a complete foot function analysis by capturing static and dynamic pressure data.

### Advantages

#### Educate patients about foot function and pathologies

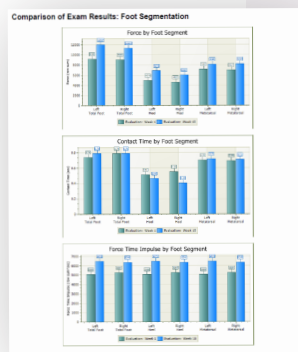
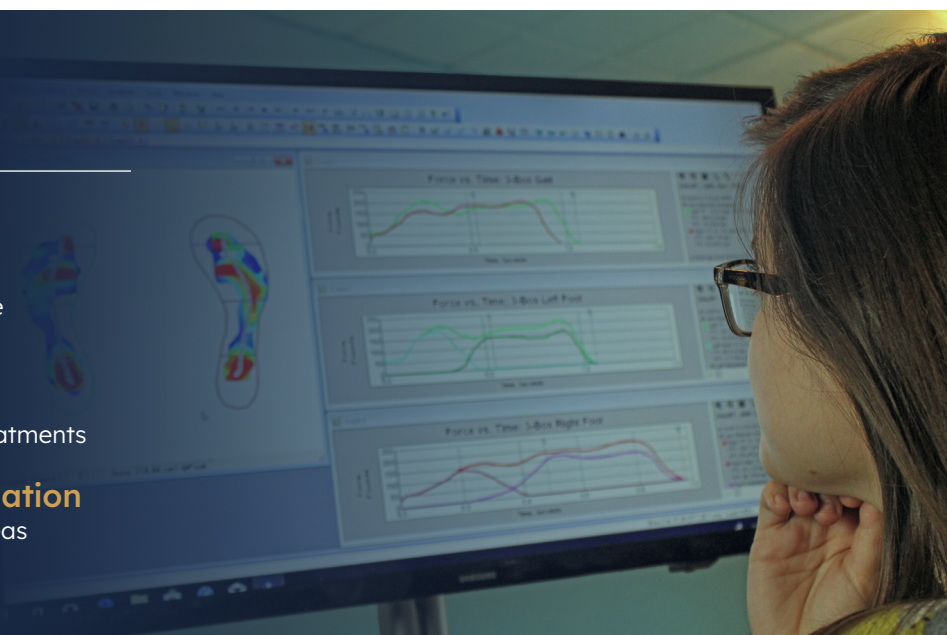
Easily demonstrate problem areas and communicate treatment options to patients

#### Set your practice apart

Reduce the number of repeat visits with effective treatments

#### Provide objective and accurate information

Analyze data on biomechanics and high pressure areas



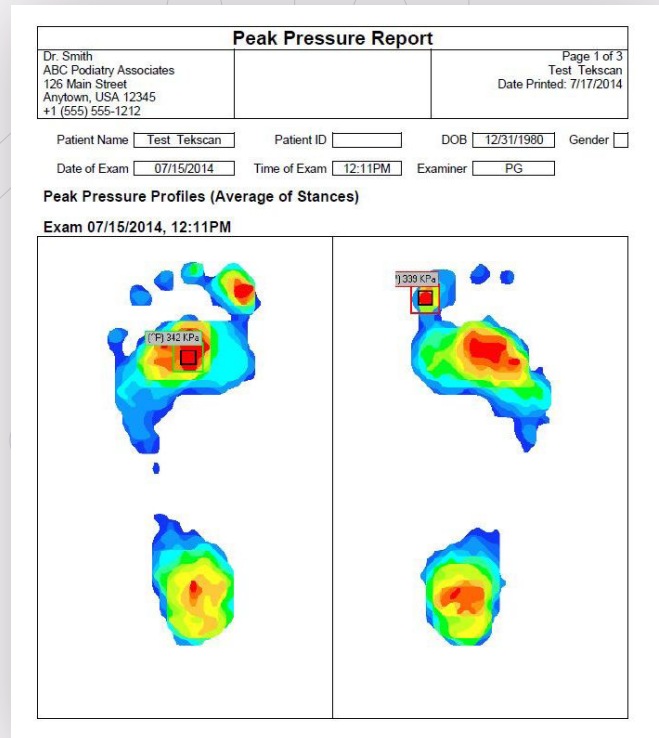
### Save Time Analyzing Data & Writing Reports

**Automated 3-Box Analysis** – segments the foot into three key regions: heel, metatarsal and total foot for a more complete biomechanical foot function analysis.

- Evaluate force vs. time graphs for each segment
- Visually compare pre-/post-treatment effects with pressure profiles, graphs and charts
- Foot function table displays contact times, loading and off-loading rates and center of force (CoF) velocity

## Automated Peak Pressure Analysis

- Automatically identifies and quantifies peak pressure location
- Quickly screen patients for high pressure areas to develop an off-loading plan
- Automatically calculates Peak Pressure Gradient (PPG), which is emerging as a way to assess the risk of ulcer formation
- Evaluate the pressure profiles to determine high-pressure areas, easily identified by color-coding
- View deviations in the Center of Force (CoF) trajectory
- Instant viewing of left/right and medial/lateral weight distribution



\* Software images shown were taken with data recorded using the HR Mat with the 7101E sensor.

## Platform and Operating Systems Compatibility

FootMat software is compatible with both the SB Mat™ and the MobileMat™ platforms. For information about the platform offerings, please see the mat data sheets or talk to your local sales representative.

All Tekscan software works with current Windows based operating systems. To view the complete computer requirements, visit:

[www.tekscan.com/computer-requirements](http://www.tekscan.com/computer-requirements)



617.464.4281  
1.800.248.3669

info@tekscan.com  
tekscan.com/biomechanics