

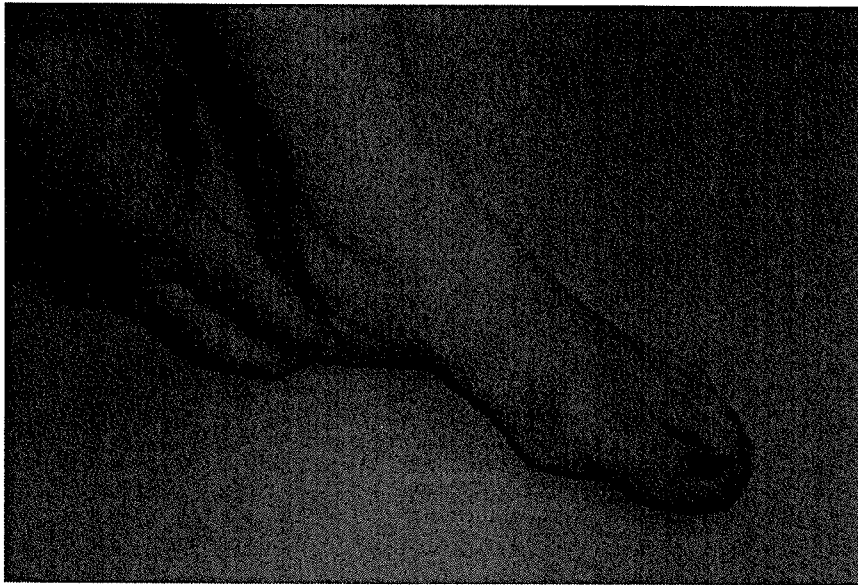


FIGURE 1

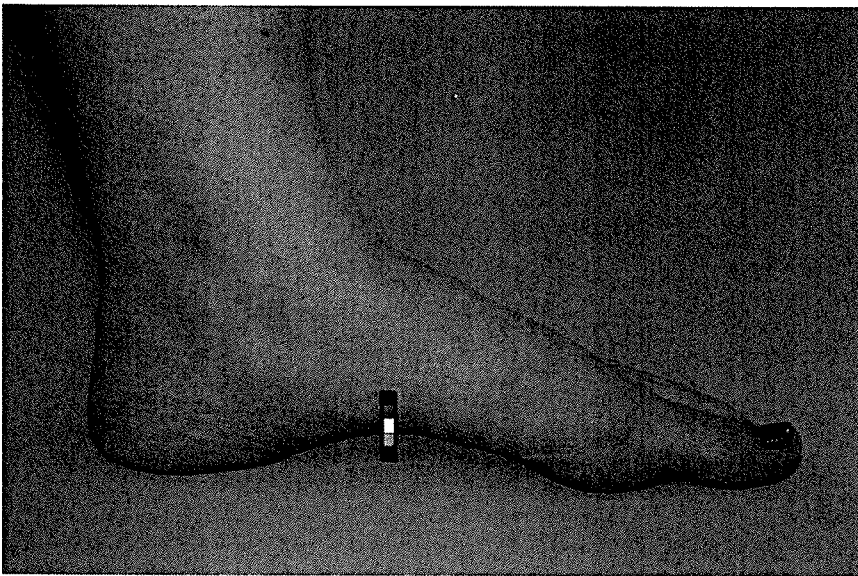


FIGURE 2

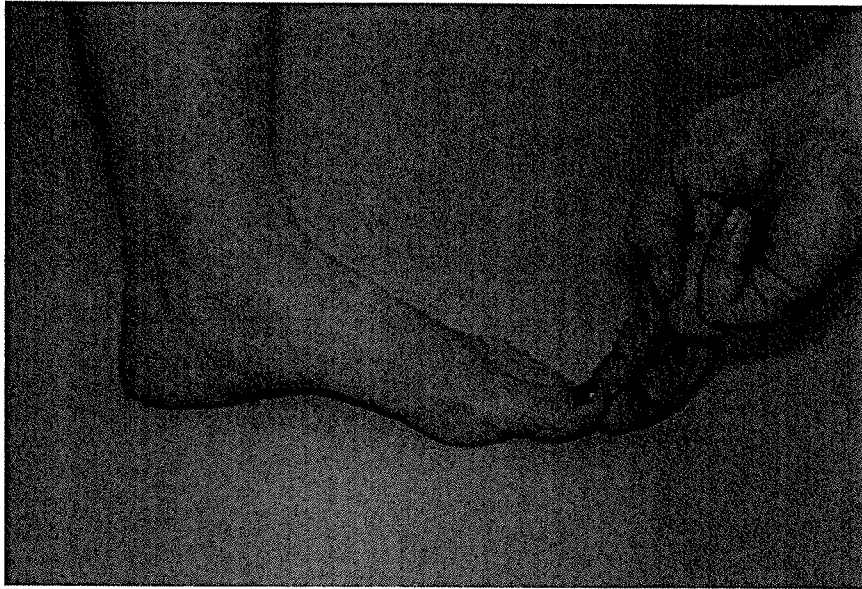


FIGURE 3



FIGURE 4

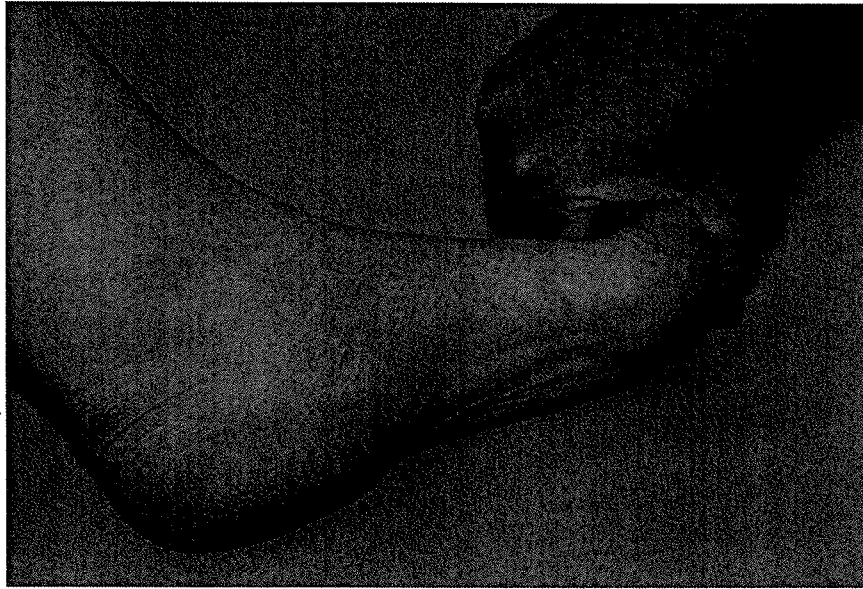


FIGURE 5

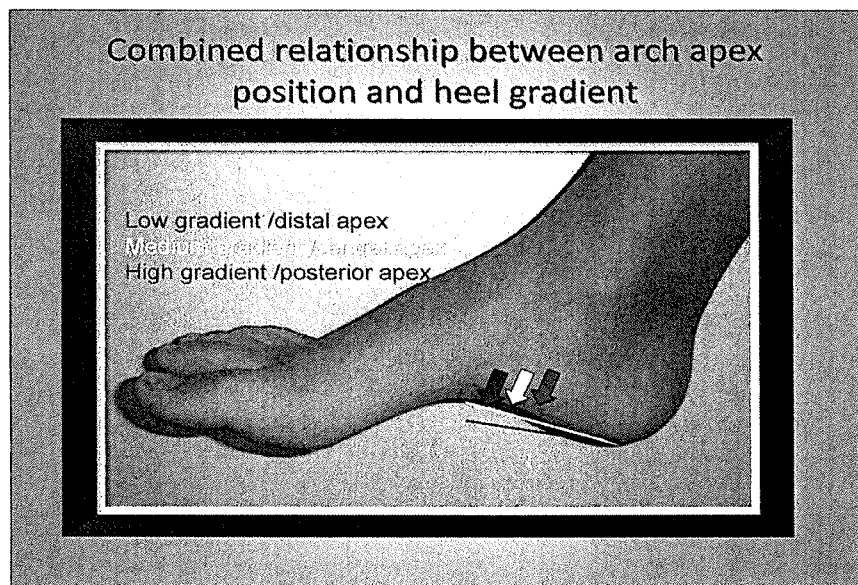


FIGURE 6

Technique Described

- Patient lunges forward as shown.
- Ensure patient has foot of measured limb firmly on floor.
- Femur needs to be parallel to supporting surface.
- Measure the flexed knee position. This will check the knee to foot angle.



FIGURE 7

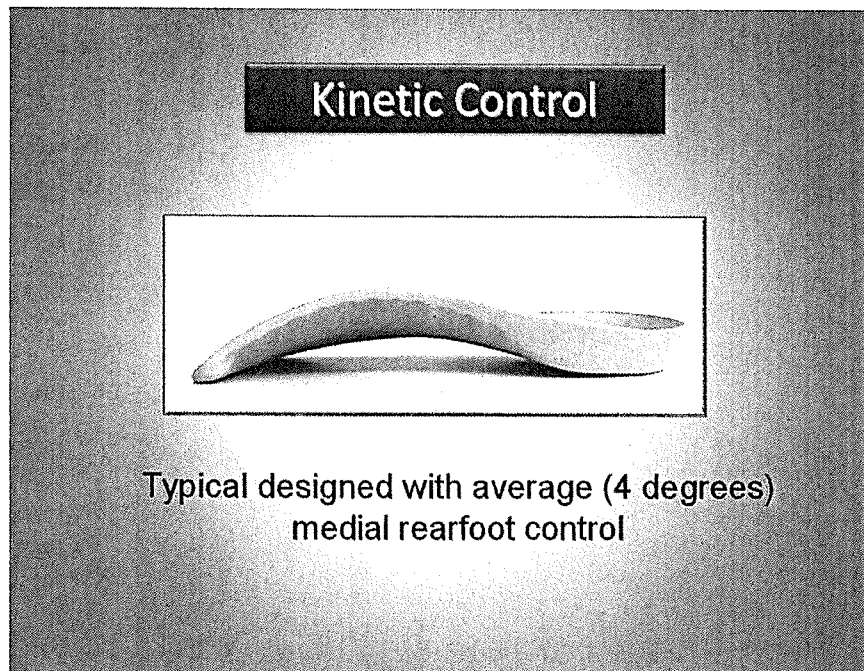


FIGURE 8

Kinetic Control (30%)	Tests (Supinatory force)	Guide to interpreting test outcome				
		Very low	Low	Medium	High	Very High
	Supination resistance		✓	✓	✓	
	Non weight bearing arch height		✓	✓	✓	
	Weight bearing arch height		✓	✓	✓	
	Tests (Windlass mechanism)	Guide to interpreting test outcome				
		Low	Medium	High		
	Jacks test	✓	✓	✓		
	Fascial chord tension	✓	✓	✓		
	Tests (morphology)	Guide to interpreting test outcome				
	Arch Apex / Heel Gradient	Forward / low	Central / medium	Rear / high		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Hamstrings tension	Low	Medium	High		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Lunge test	Pass		Fail		
	Test (energy input)	Guide to interpreting test outcome				
	Principal Activity Velocity	Low	Medium	High		

* Guide to Assessment

FIGURE 9

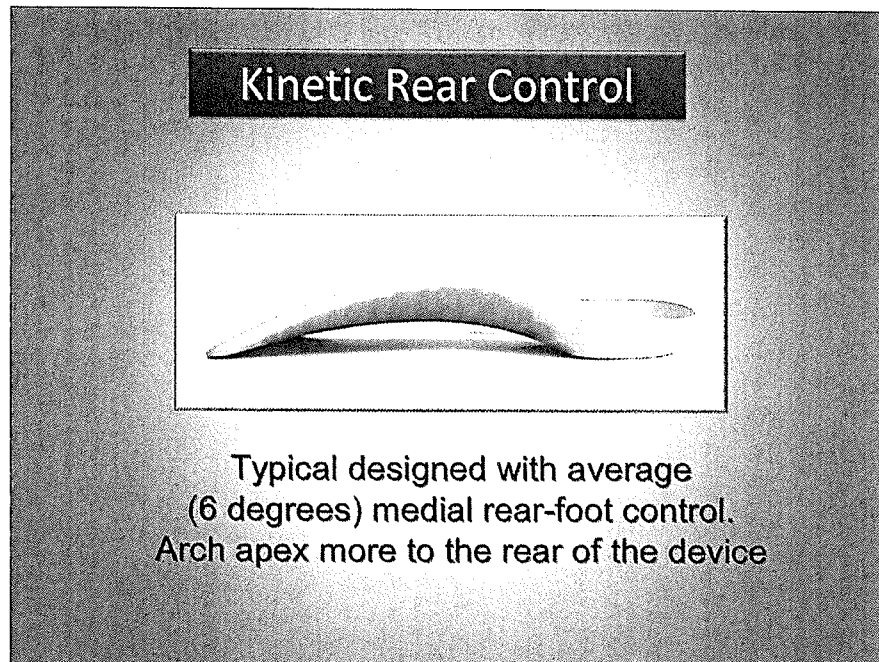


FIGURE 10

Kinetic Rear Control (2023)	Tests (Supinatory force)	Guide to interpreting test outcome				
		Very low	Low	Medium	High	Very High
	Supination resistance			✓	✓	
	Non weight bearing arch height		✓	✓	✓	
	Weight bearing arch height	✓	✓			
	Tests (Windlass mechanism)	Guide to interpreting test outcome				
		Low	Medium	High		
	Jacks test		✓	✓		
	Fascial chord tension	✓	✓	✓		
	Tests (morphology)	Guide to interpreting test outcome				
	Arch Apex / Heel Gradient	Forward / low	Central / medium	Rear / high		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Hamstrings tension	Low	Medium	High		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Lunge test	Pass		Fail		
	Test (energy input)	Guide to interpreting test outcome				
	Principal Activity Velocity	Low	Medium	High		

FIGURE 11

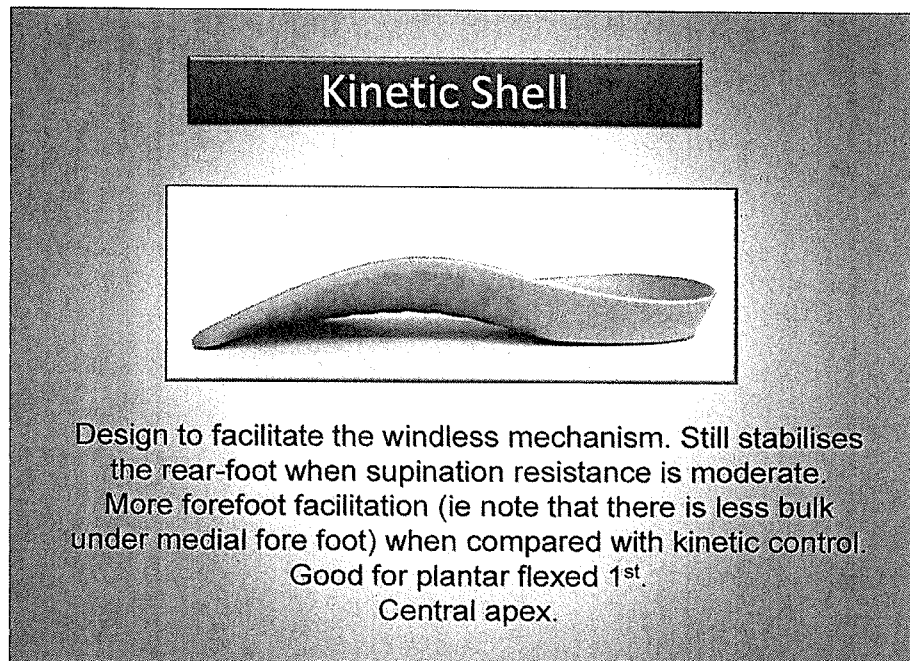


FIGURE 12

Kinetic Shell (70%)	Tests (Supinatory force)	Guide to interpreting test outcome				
		Very low	Low	Medium	High	Very High
	Supination resistance	✓	✓			
	Non weight bearing arch height			✓	✓	
	Weight bearing arch height		✓	✓		
	Tests (Windlass mechanism)	Guide to interpreting test outcome				
		Low	Medium	High		
	Jacks test	✓	✓		✓	
	Fascial chord tension	✓	✓			
	Tests (morphology)	Guide to interpreting test outcome				
	Arch Apex / Heel Gradient	Forward / low	Central / medium	Rear / high		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Hamstrings tension	Low	Medium	High		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Lunge test	Pass		Fall		
	Test (energy input)	Guide to interpreting test outcome				
	Principal Activity Velocity	Low	Medium	High		

FIGURE 13

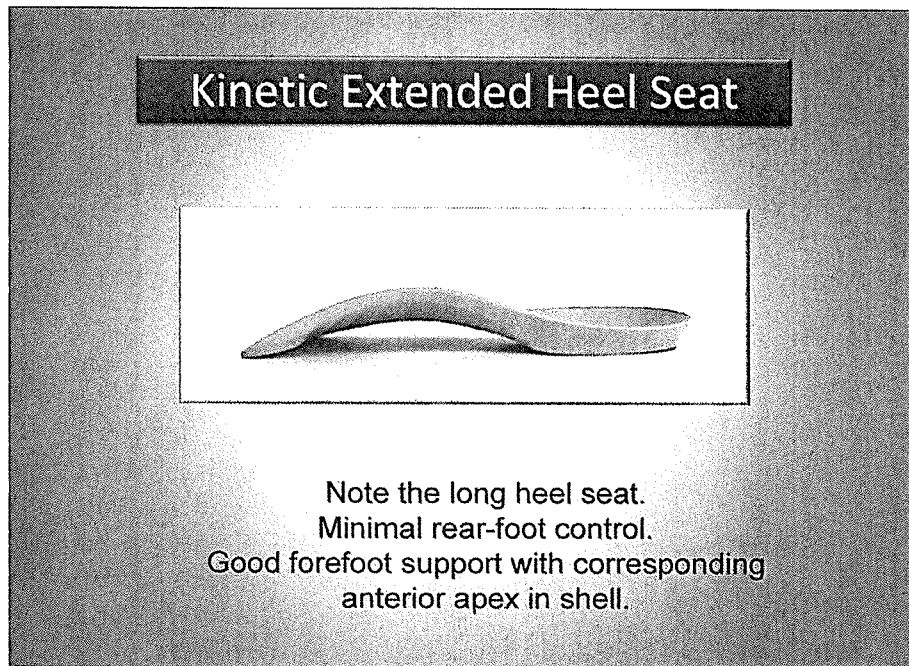


FIGURE 14

Kinetic Extended Heel Seat (15%)	Tests (Supinatory force)	Guide to interpreting test outcome				
		Very low	Low	Medium	High	Very High
	Supination resistance	✓	✓	✓	✓	✓
	Non weight bearing arch height				✓	✓
	Weight bearing arch height			✓	✓	✓
	Tests (Windlass mechanism)	Guide to interpreting test outcome				
		Low	Medium	High		
	Jacks test	✓	✓			
	Fascial chord tension	✓	✓			
	Tests (morphology)	Guide to interpreting test outcome				
	Arch Apex / Heel Gradient	Forward / low	Central / medium	Rear / high		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Hamstrings tension	Low	Medium	High		
	Tests (sagittal plane)	Guide to interpreting test outcome				
	Lunge test	Pass			Fail	
	Test (energy input)	Guide to interpreting test outcome				
	Principal Activity Velocity	Low	Medium	High		

FIGURE 15

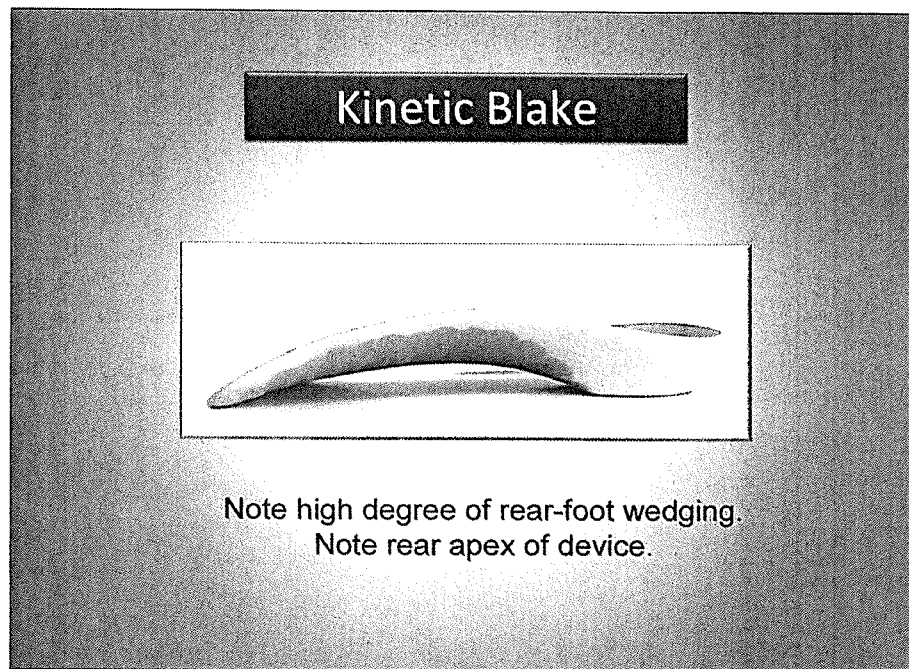


FIGURE 16

Kinetic Blake (10%)

Tests (Supinatory force)	Guide to interpreting test outcome				
	Very low	Low	Medium	High	Very High
Supination resistance				✓	✓
Non weight bearing arch height			✓	✓	✓
Weight bearing arch height	✓	✓	✓		
Tests (Windlass mechanism)	Guide to interpreting test outcome				
	Low	Medium		High	
Jacks test				✓	✓
Fascial chord tension			✓	✓	
Tests (morphology)	Guide to interpreting test outcome				
Arch Apex / Heel Gradient	Forward / low	Central / medium	Rear / high		
Tests (sagittal plane)	Guide to interpreting test outcome				
Hamstrings tension	Low	Medium	High		
Tests (sagittal plane)	Guide to interpreting test outcome				
Lunge test	Pass		Fail		
Test (energy input)	Guide to interpreting test outcome				
Principal Activity Velocity	Low	Medium		High	

* Guide to Aus.

FIGURE 17

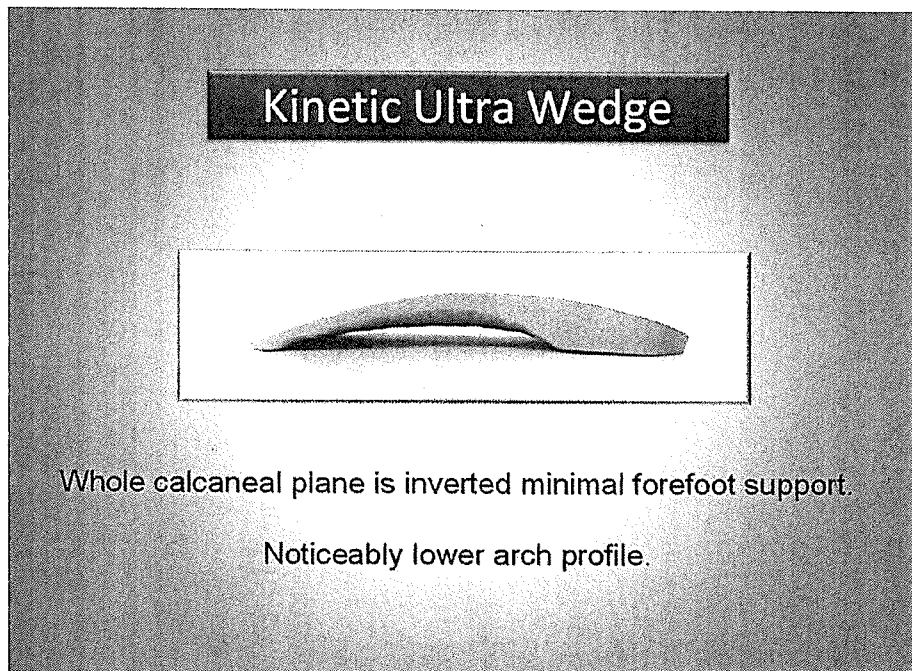


FIGURE 18

Kinetic Ultra Wedge (5%)

Tests (Supinatory force)	Guide to interpreting test outcome				
	Very low	Low	Medium	High	Very High
Supination resistance				✓	✓
Non weight bearing arch height		✓			
Weight bearing arch height	✓				
Tests (Windlass mechanism)	Guide to interpreting test outcome				
	Low	Medium		High	
Jacks test				✓	✓
Fascial chord tension	✓		✓		✓
Tests (morphology)	Guide to interpreting test outcome				
Arch Apex / Heel Gradient	Forward / low	Central / medium			Rear / high
Tests (sagittal plane)	Guide to interpreting test outcome				
Hamstrings tension	Low	Medium		High	
Tests (sagittal plane)	Guide to interpreting test outcome				
Lunge test	Pass			Fall	
Test (energy input)	Guide to interpreting test outcome				
Principal Activity Velocity	Low	Medium		High	

* Guide to Running

FIGURE 19