

EVGS Scoring Worksheet

Terminal Swing/Initial Contact R



Peak Hip Flexion (EVGS #13)

Markedly increased flxn ($>60^\circ$)	2
Increased flxn (46° - 60°)	1
Normal flxn (25° - 45°)	0
Reduced flxn (10° - 24°)	1
Severely reduced flxn ($<10^\circ$)	2

Knee Position (EVGS #10)

Severe flxn ($>30^\circ$)	2
Moderate flxn (16° - 30°)	1
Normal flxn (5° - 15°)	0
Moderate extn (4° flxn - 10 extn)	1
Severe hyperextn ($>+10^\circ$ extn)	2

Foot Position (EVGS #1)

Heel Contact	0
Flatfoot Contact	1
Toe Contact	2

Terminal Swing/Initial Contact L



Peak Hip Flexion (EVGS #13)

Markedly increased flxn ($>60^\circ$)	2
Increased flxn (46° - 60°)	1
Normal flxn (25° - 45°)	0
Reduced flxn (10° - 24°)	1
Severely reduced flxn ($<10^\circ$)	2

Knee Position (EVGS #10)

Severe flxn ($>30^\circ$)	2
Moderate flxn (16° - 30°)	1
Normal flxn (5° - 15°)	0
Moderate extn (4° flxn - 10 extn)	1
Severe hyperextn ($>+10^\circ$ extn)	2

Foot Position (EVGS #1)

Heel Contact	0
Flatfoot Contact	1
Toe Contact	2

EVGS Scoring Worksheet

Mid-Stance Right



Peak Sagittal Position of Trunk in Stance (EVGS #16)

Normal (vertical to 5° fwd or bkwd)	0
Moderate (> 5° bkwd or 6° - 15° fwd)	1
Marked (> 15° fwd lean)	2

Pelvic Rotation Mid-Stance (EVGS #15)

Marked retraction (> 15°)	2
Mod retraction (6° - 15°)	1
Normal (5° retr - 10° pro)	0
Mod protraction (11° - 20°)	1
Marked protraction (>20°)	2

Heel Lift in Stance (EVGS #2)

No forefoot contact	2
Delayed (with or after contralat foot contact)	1
Normal (between contralat foot level and IC)	0
Early (before opp foot level)	1
No heel contact	2

Mid-Stance Left



Peak Sagittal Position of Trunk in Stance (EVGS #16)

Normal (vertical to 5° fwd or bkwd)	0
Moderate (> 5° bkwd or 6° - 15° fwd)	1
Marked (> 15° fwd lean)	2

Pelvic Rotation Mid-Stance (EVGS #15)

Marked retraction (>15°)	2
Mod retraction (6° - 15°)	1
Normal (5° retr - 10° pro)	0
Mod protraction (11° - 20°)	1
Marked protraction (>20°)	2

Heel Lift in Stance (EVGS #2)

No forefoot contact	2
Delayed (with or after contralat foot contact)	1
Normal (between contralat foot level and IC)	0
Early (before opp foot level)	1
No heel contact	2

EVGS Scoring Worksheet

Terminal Stance R



Peak Hip Extension in Stance (EVGS #12)

Severe flxn ($>15^\circ$)	2
Moderate flxn ($1^\circ - 15^\circ$)	1
Normal ($0^\circ - 20^\circ$ extn)	0
Mod hyperextn ($21^\circ - 35^\circ$)	1
Severe hyperextn ($> 35^\circ$)	2

Peak Knee Extension in Stance (EVGS #9)

Severe flxn ($>25^\circ$)	2
Mod flxn ($16^\circ - 25^\circ$)	1
Normal ($0^\circ - 15^\circ$ flxn)	0
Moderate hyperextn ($1^\circ - 10^\circ$)	1
Severe hyperextn ($>10^\circ$)	2

Max Ankle Dorsiflexion in Stance (EVGS # 3)

Excessive df ($>40^\circ$)	2
Increased df ($26^\circ - 40^\circ$)	1
Normal ($5^\circ - 25^\circ$ df)	0
Reduced df (10° pf - 4° df)	1
Marked pf ($>10^\circ$)	2

Terminal Stance L



Peak Hip Extension in Stance (EVGS #12)

Severe flxn ($>15^\circ$)	2
Moderate flxn ($1^\circ - 15^\circ$)	1
Normal ($0^\circ - 20^\circ$ extn)	0
Mod hyperextn ($21^\circ - 35^\circ$)	1
Severe hyperextn ($> 35^\circ$)	2

Peak Knee Extension in Stance (EVGS #9)

Severe flxn ($>25^\circ$)	2
Mod flxn ($16^\circ - 25^\circ$)	1
Normal ($0^\circ - 15^\circ$ flxn)	0
Moderate hyperextn ($1^\circ - 10^\circ$)	1
Severe hyperextn ($>10^\circ$)	2

Max Ankle Dorsiflexion in Stance (EVGS # 3)

Excessive df ($>40^\circ$)	2
Increased df ($26^\circ - 40^\circ$)	1
Normal ($5^\circ - 25^\circ$ df)	0
Reduced df (10° pf - 4° df)	1
Marked pf ($>10^\circ$)	2

EVGS Scoring Worksheet

Mid-Swing R



Peak Knee Flexion in Swing (EVGS #11)

Severely increased (>85° flxn)	2
Mod increased (71° -85° flxn)	1
Normal flxn (50° -70°)	0
Mod reduced (35° -49° flxn)	1
Severely reduced (<35° flxn)	2

Maximum Ankle Dorsiflexion in Swing (EVGS #7)

Excessive df (>30° df)	2
Increased df (16° -30° df)	1
Normal (15° df – 5° pf)	0
Moderate pf (6° -20° pf)	1
Marked pf (>20° pf)	2

Foot Clearance in Swing (EVGS #6)

High steps	1
Full clearance	0
Reduced clearance	1
None	2

Mid-Swing L



Peak Knee Flexion in Swing (EVGS #11)

Severely increased (>85° flxn)	2
Mod increased (71° -85° flxn)	1
Normal flxn (50° -70°)	0
Mod reduced (35° -49° flxn)	1
Severely reduced (<35° flxn)	2

Maximum Ankle Dorsiflexion in Swing (EVGS #7)

Excessive df (>30° df)	2
Increased df (16° -30° df)	1
Normal (15° df – 5° pf)	0
Moderate pf (6° -20° pf)	1
Marked pf (>20° pf)	2

Foot Clearance in Swing (EVGS #6)

High steps	1
Full clearance	0
Reduced clearance	1
None	2

EVGS Scoring Worksheet

Mid-Stance Front View R



<u>Maximum Lateral Trunk Shift (EVGS #17)</u>	
Reduced lat shift of trunk	1
Normal (approx 25 mm shift over stance leg)	0
Moderate inc lat shift	1
Severely inc lateral shift	2
<u>Pelvic Obliquity (EVGS #14)</u>	
Marked down (>10°)	2
Mod down (1° - 10°)	1
Normal (0° - 5° up)	0
Mod up (6° - 15°)	1
Marked up (>15°)	2
<u>Knee Progression Angle (EVGS #8)</u>	
External (part knee cap visible)	2
External (all knee cap visible)	1
Normal/Neutral (knee cap midline)	0
Internal (all knee cap visible)	1
Internal (part knee cap visible)	2
<u>Foot Rotation/Progression Angle (EVGS #5)</u>	
Marked ext > KPA (by > 40°)	2
Mod ext > KPA (by 21° - 40°)	1
Normal/ SI more ext than KPA (0° - 20°)	0
Mod int > KPA (by 1° - 25°)	1
Marked int > KPA (by > 25°)	2

Mid-Stance Front View L



<u>Maximum Lateral Trunk Shift (EVGS #17)</u>	
Reduced lat shift of trunk	1
Normal (approx 25 mm shift over stance leg)	0
Moderate inc lat shift	1
Severely inc lateral shift	2
<u>Pelvic Obliquity (EVGS #14)</u>	
Marked down (>10°)	2
Mod down (1° - 10°)	1
Normal (0° - 5° up)	0
Mod up (6° - 15°)	1
Marked up (>15°)	2
<u>Knee Progression Angle (EVGS #8)</u>	
External (part knee cap visible)	2
External (all knee cap visible)	1
Normal/Neutral (knee cap midline)	0
Internal (all knee cap visible)	1
Internal (part knee cap visible)	2
<u>Foot Rotation/Progression Angle (EVGS #5)</u>	
Marked ext > KPA (by > 40°)	2
Mod ext > KPA (by 21° - 40°)	1
Normal/ SI more ext than KPA (0° - 20°)	0
Mod int > KPA (by 1° - 25°)	1
Marked int > KPA (by > 25°)	2

EVGS Scoring Worksheet

Mid-STANCE Rear View R



Hindfoot Valgus/Varus (EVGS #4)

Severe valgus ($> 15^\circ$)	2
Moderate valgus ($6^\circ - 15^\circ$)	1
Normal ($0^\circ - 5^\circ$ valgus)	0
Moderate Varus ($1^\circ - 10^\circ$)	1
Severe Varus ($> 10^\circ$)	2

Mid-STANCE Rear View L



Hindfoot Valgus/Varus (EVGS #4)

Severe valgus ($> 15^\circ$)	2
Moderate valgus ($6^\circ - 15^\circ$)	1
Normal ($0^\circ - 5^\circ$ valgus)	0
Moderate Varus ($1^\circ - 10^\circ$)	1
Severe Varus ($> 10^\circ$)	2