

Bike Fitting Report

Patient

Project: Demo Records
 Last Name: MyoMetrics Demo Record
 First Name: MyoMetrics Demo Record
 Sex: Male

Record

Name: Bike Fitting 80 rpm - POI Bike Fittin...
 Date Measured: 11/30/2012 15:29
 Number of periods: 1



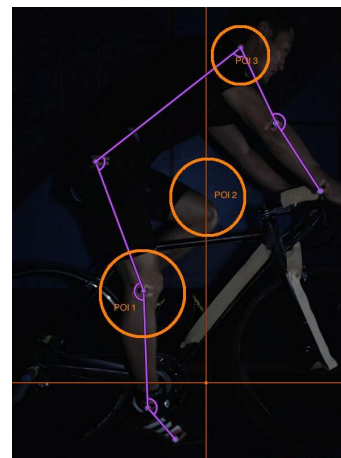
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Bike Fitting Analysis Using Points of Interest

POI 1) Saddle Height: The dynamic video analysis allows for accurate measurement of the knee angle. The maximum extension is the main parameter for the saddle height.

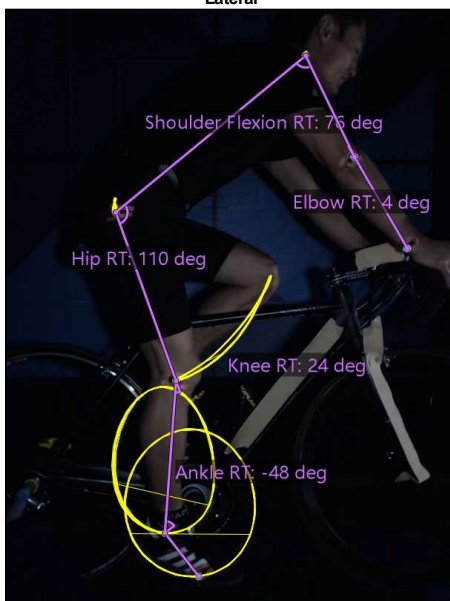
POI 2) Saddle Fore & Aft: To check the right position of the saddle a crossline passes the pedal spindle when the crank is horizontal. The knee angle and the center of the upper body are also important for the right saddle position.

POI 3) Stem Length: The upper body is checked by the hip and shoulder angle.

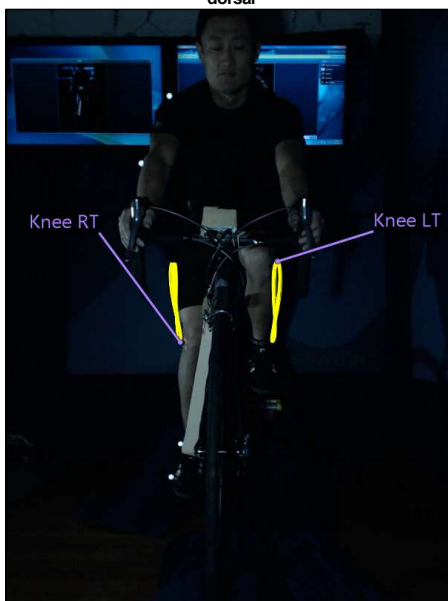


Marker at 3.6 sec

Lateral



dorsal

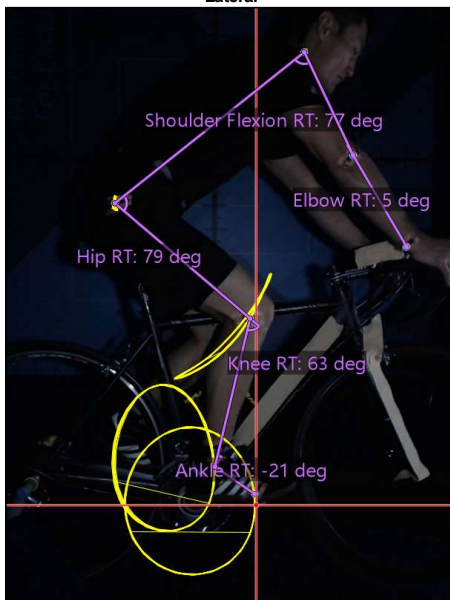


Parameters

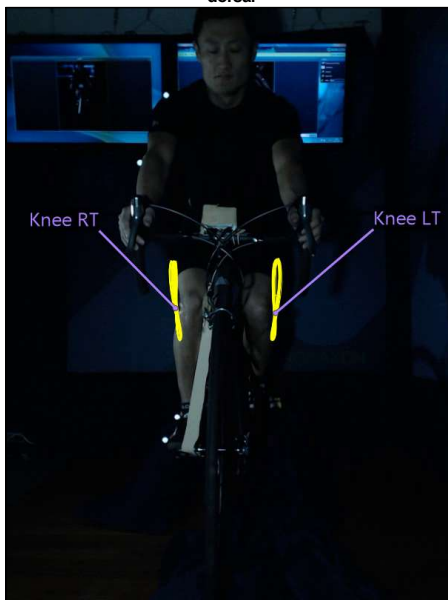
Autotracked Ankle RT, Lateral, deg	-47.83
Autotracked Elbow RT, Lateral, deg	4.34
Autotracked Hip RT, Lateral, deg	109.83
Autotracked Knee RT, Lateral, deg	23.89
Autotracked Shoulder Flexion RT, Lateral, deg	76.13

Marker at 4.2 sec

Lateral



dorsal



Parameters

Autotracked Ankle RT, Lateral, deg	-21.08
Autotracked Elbow RT, Lateral, deg	4.95
Autotracked Hip RT, Lateral, deg	79.05
Autotracked Knee RT, Lateral, deg	62.89
Autotracked Shoulder Flexion RT, Lateral, deg	76.71

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Patient

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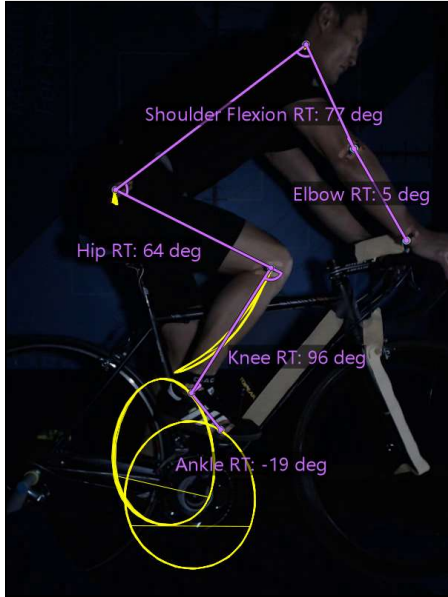
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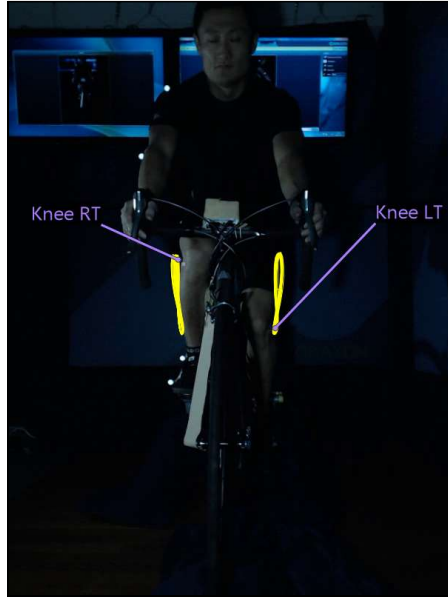


Marker at 4.8 sec

Lateral

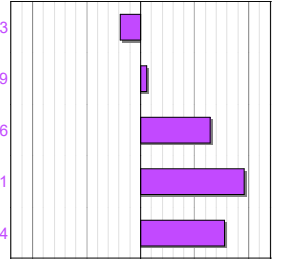


dorsal



Parameters

Autotracked Ankle RT, Lateral, deg	-18.83
Autotracked Elbow RT, Lateral, deg	5.09
Autotracked Hip RT, Lateral, deg	63.96
Autotracked Knee RT, Lateral, deg	95.81
Autotracked Shoulder Flexion RT, Lateral, deg	77.34



Bike Adjustments

The knee angle is too big. The saddle height should decrease.