




fhh  
ybvuub  
Dr. Aravind Sriram, ttg  
Ph : 6379618311



Session Date: Jun 13 2023, Tue, 8:27 am      Session no: 1      Session Duration: 2m:9s      Start Session: 13/06/2023      Last Session: -



Mr. Chandrakanth, 33/M

Phone no:  
9553063531

Affected side:  
Right

Mail ID:  
bckanth90@gmail.com

Medical History:  
Others

Condition:  
ACL

Speciality:  
Other

Patient ID: 4 20230613082621

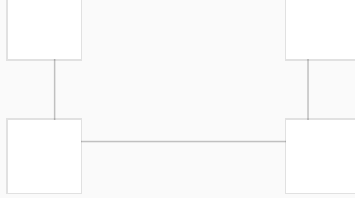
ROM  
EMG  
Poor Endurance

Excellent  
Good  
Fair  
Need Attention



**Muscles (Right Side)**

*(Assited)*



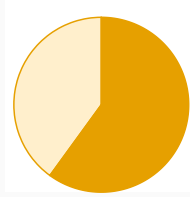
**Muscles (Left Side)**

*(Assited)*

Knee, Rectus Femoris, Right, Flexion, 121, 266, Knee, Vastus Medialis, Right, Extension, 122, 610, Knee, Gastrocnemius, Left, Flexion, 124, 851, Knee, Vastus Medialis, Left, Extension, 124, 283, Knee, Biceps Femoris, Left, Extension, 111, 1587, Knee, Biceps Femoris, Right, Extension, 104, 286, Hip, Gluteus Maximus, Right, Extension, 15, 434, Hip, Adductor Longus, Right, Adduction, 7, 459, Hip, Adductor Longus, Left, Abduction, 0, 1595, Hip, Gluteus Maximus, Left, Extension, 13, 25

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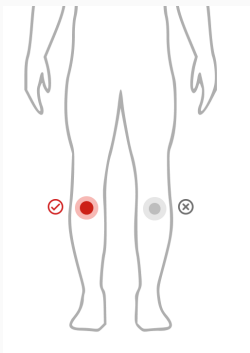
### Adherence



60%

Adherence





\*good side data not available

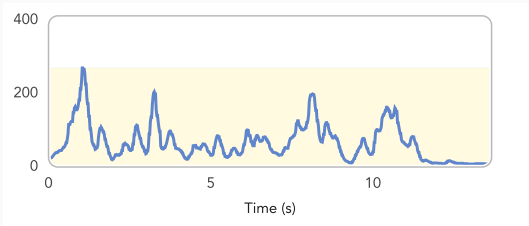
EMG	Healthy side	Muscle activity
Baseline	266 $\mu$ V	-

ROM	Goal	%
Baseline	114°	140° 81

Summary

The joint mobility for Rectus Femoris Flexion movement is 81 % of its healthy value.

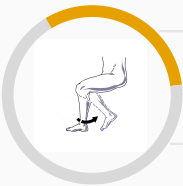
EMG ( $\mu$ V)



Peak: 266 $\mu$ V  
Avg Peak: 158 $\mu$ V

\*displayed graph is recorded for first 30 secs only

ROM (°)



End Angle: 121°  
Start Angle: 7°

Range Gained: 114°  
Target ROM: 140°

Repetitions	Repetition Speed	Hold Time	Hold Angle
5	0.38reps/s	1s	121°

MMT	1 Slight Movement
Pain scale	0/10 No Pain
Session type	Active
Patient status	Lethargic

Consistency of peak muscle contractions	★★★★★ Average
Control of muscle activation timing	★★★★★ Average
Smoothness of movement with no tremors	★★★★★ Great
Coordination of movement and muscle	★★★★★ Average



# Knee | Vastus Medialis | Extension

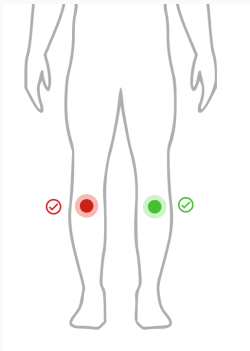
Right ( Lying )

Session recording no: 1

Dr. Aravind Sriram



00m: 12s



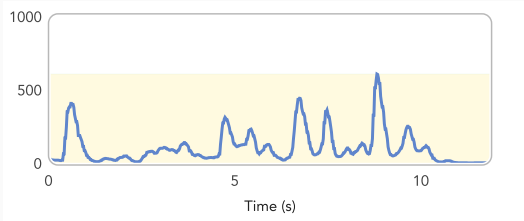
EMG	Healthy side	Muscle activity
Baseline	610 uV	283 uV
		Excellent

ROM	Goal	%
Baseline	115°	140°
		82

## Summary

The joint mobility for Vastus Medialis Extension movement is 82 % of its healthy value.

## EMG (uV)



Peak: 610uV  
Avg Peak: 445uV

\*displayed graph is recorded for first 30 secs only

## ROM (°)



End Angle: 122°

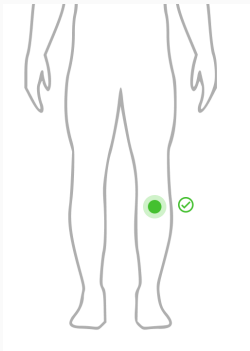
Start Angle: 7°


Range Gained: 115°  
Target ROM: 140°


Repetitions	Repetition Speed	Hold Time	Hold Angle
5	0.42reps/s	1s	121°

MMT	1 Slight Movement
Pain scale	0/10 No Pain
Session type	Active
Patient status	Lethargic

Consistency of peak muscle contractions	★★★★★
Control of muscle activation timing	★★★★★ Great
Smoothness of movement with no tremors	★★★★★ Great
Coordination of movement and muscle	★★★★★ Great



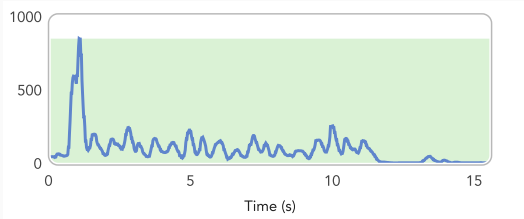
	EMG	Healthy side	Muscle activity
Baseline	851 $\mu$ V	-	-

	ROM	Goal	%
Baseline	120°	140°	85

## Summary

The joint mobility for Gastrocnemius Flexion movement is 85 % of its healthy value.

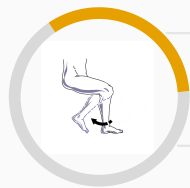
## EMG ( $\mu$ V)



Peak: 851  $\mu$ V  
Avg Peak: 324  $\mu$ V

\*displayed graph is recorded for first 30 secs only

## ROM (°)

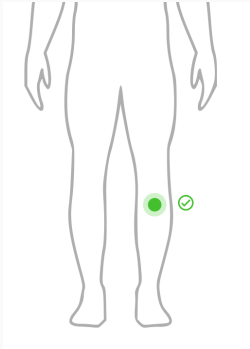



End Angle: 124°


Start Angle: 4°

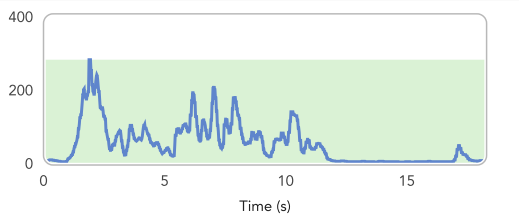
Range Gained: 120°  
Target ROM: 140°  
Repetitions: 5  
Repetition Speed: 0.36reps/s

# Healthy Side Data



	EMG	Healthy side	Muscle activity
Baseline	283 $\mu$ V	-	-

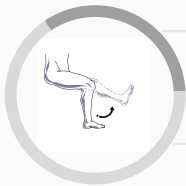
	ROM	Goal	%
Baseline	121°	140°	86

EMG ( $\mu$ V)

Peak: 283uV  
Avg Peak: 150uV

\*displayed graph is recorded for first 30 secs only

## ROM (°)



End Angle: 124°

Start Angle: 3°

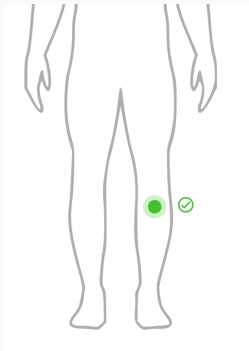
Range Gained: 121°  
Target ROM: 140°  
Repetitions: 6  
Repetition Speed: 0.4reps/s


## Summary


The joint mobility for Vastus Medialis Extension movement is 86 % of its healthy value.

# Healthy Side Data





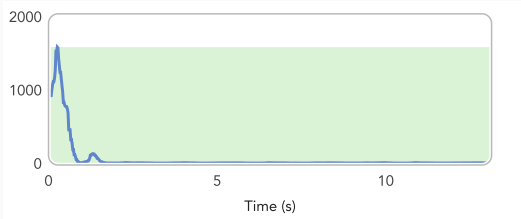
	EMG	Healthy side	Muscle activity
Baseline	1587 uV	-	-

	ROM	Goal	%
Baseline	123°	140°	87

## Summary

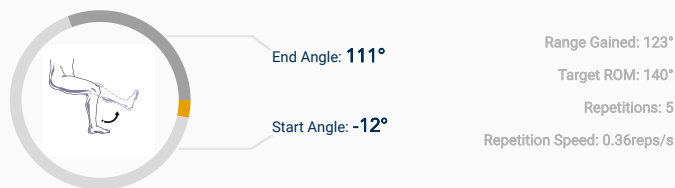
The joint mobility for Biceps Femoris Extension movement is 79 % of its healthy value.

## EMG (uV)



\*displayed graph is recorded for first 30 secs only

## ROM (°)



# Healthy Side Data



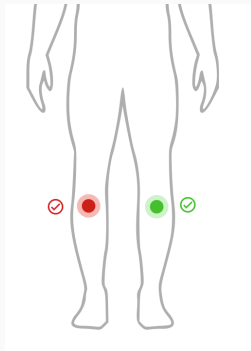
# Knee | Biceps Femoris | Extension

Right ( Stand )

Session recording no: 1

Dr. Aravind Sriram

00m: 09s



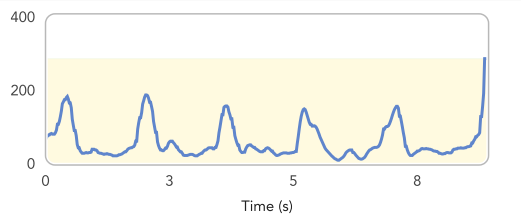
EMG	Healthy side	Muscle activity
Baseline	286 $\mu$ V	1587 $\mu$ V
		Needs Attention

ROM	Goal	%
Baseline	116°	140°
		82

## Summary

The joint mobility for Biceps Femoris Extension movement is 74 % of its healthy value.

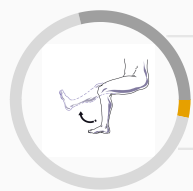
## EMG ( $\mu$ V)



Peak: 286 $\mu$ V  
Avg Peak: 172 $\mu$ V

\*displayed graph is recorded for first 30 secs only

## ROM (°)



End Angle: 104°

Start Angle: -12°

Range Gained: 116°

Target ROM: 140°

Repetitions	Repetition Speed	Hold Time	Hold Angle
5	0.56reps/s	1s	97°

MMT	1 Slight Movement
Pain scale	0/10 No Pain
Session type	Active
Patient status	Lethargic

Consistency of peak muscle contractions	★ ★ ★ ★ ★ Average
Control of muscle activation timing	★ ★ ★ ★ ★
Smoothness of movement with no tremors	★ ★ ★ ★ ★ Great
Coordination of movement and muscle	★ ★ ★ ★ ★ Average



# Hip | Gluteus Maximus | Extension

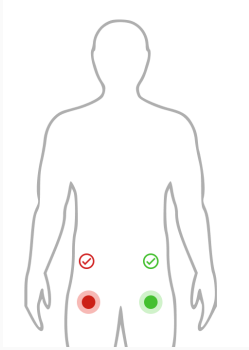
Right ( Stand )

Session recording no: 1

Dr. Aravind Sriram



00m: 13s



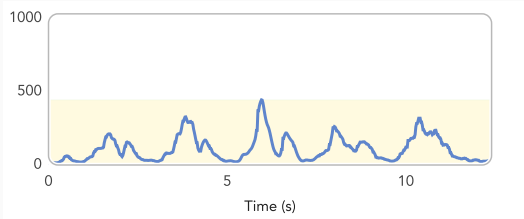
EMG	Healthy side	Muscle activity
Baseline	434 $\mu$ V	25 $\mu$ V
		Excellent

ROM	Goal	%
Baseline	48°	10°
		Healthy

## Summary

The EMG for Right Gluteus Maximus Extension movement is healthy. The joint mobility for Gluteus Maximus Extension movement is healthy.

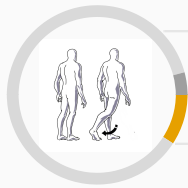
## EMG ( $\mu$ V)



Peak: 434 $\mu$ V  
Avg Peak: 315 $\mu$ V

\*displayed graph is recorded for first 30 secs only

## ROM (°)



End Angle: 15°

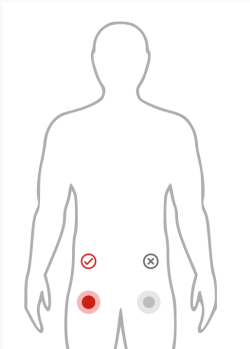
Start Angle: -33°

Range Gained: 48°  
Target ROM: 10°

Repetitions	Repetition Speed	Hold Time	Hold Angle
6	0.46reps/s	1s	8°

MMT	1 Slight Movement
Pain scale	0/10 No Pain
Session type	Active
Patient status	Lethargic

Consistency of peak muscle contractions	★★★★★
Control of muscle activation timing	★★★★★
Smoothness of movement with no tremors	★★★★★ Great
Coordination of movement and muscle	★★★☆☆ Average



\*good side data not available

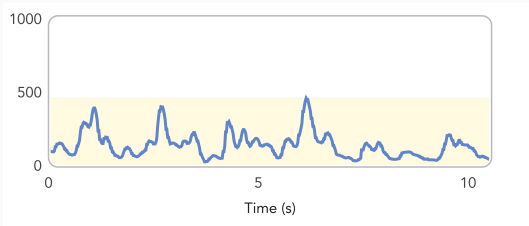
EMG	Healthy side	Muscle activity
Baseline	459 $\mu$ V	-

ROM	Goal	%
Baseline	34°	10° Healthy

Summary

The joint mobility for Adductor Longus Adduction movement is 70 % of its healthy value.

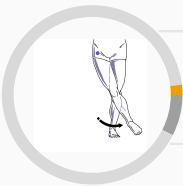
EMG ( $\mu$ V)



Peak: 459 $\mu$ V  
Avg Peak: 305 $\mu$ V

\*displayed graph is recorded for first 30 secs only

ROM (°)



End Angle: 7°

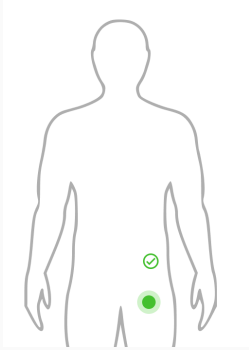
Start Angle: -27°


Range Gained: 34°  
Target ROM: 10°


Repetitions	Repetition Speed	Hold Time	Hold Angle
5	0.42reps/s	1s	-

MMT	1 Slight Movement
Pain scale	0/10 No Pain
Session type	Active
Patient status	Lethargic

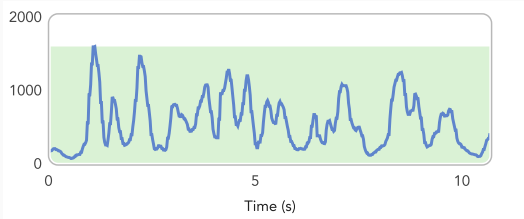
Consistency of peak muscle contractions	★ ★ ★ ★ ★ Poor
Control of muscle activation timing	★ ★ ★ ★ ★ Great
Smoothness of movement with no tremors	★ ★ ★ ★ ★ Average
Coordination of movement and muscle	★ ★ ★ ★ ★ Great



	EMG	Healthy side	Muscle activity
Baseline	1595 uV	-	-

	ROM	Goal	%
Baseline	34°	45°	75

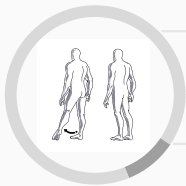
## EMG (uV)



Peak: 1595uV  
Avg Peak: 1418uV

\*displayed graph is recorded for first 30 secs only

## ROM (°)



End Angle: 0°

Start Angle: -34°

Range Gained: 34°  
Target ROM: 45°  
Repetitions: 5  
Repetition Speed: 0.42reps/s

## Summary

# Healthy Side Data



## Hip | Gluteus Maximus | Extension

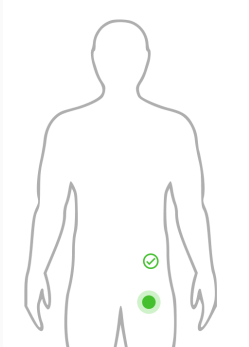
Left ( Stand )


Session recording no: 1


Dr. Aravind Sriram



00m: 10s



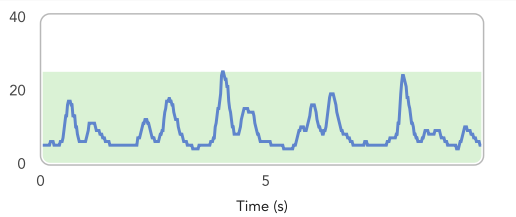
	EMG	Healthy side	Muscle activity
Baseline	25 uV	-	-

	ROM	Goal	%
Baseline	73°	10°	Healthy

### Summary

The EMG for Left Gluteus Maximus Extension movement is 18 % of its normative value. The joint mobility for Gluteus Maximus Extension movement is healthy.

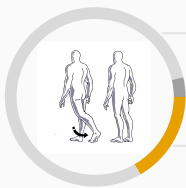
### EMG (uV)



Peak: 25uV  
Avg Peak: 24uV

\*displayed graph is recorded for first 30 secs only

### ROM (°)



End Angle: 13°

Start Angle: -60°

Range Gained: 73°  
Target ROM: 10°  
Repetitions: 7  
Repetition Speed: 0.64reps/s

# Healthy Side Data

## Additional Comment

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Next Session: \_\_\_\_\_

Time: \_\_\_\_\_

Report handed over by: \_\_\_\_\_

Dept: \_\_\_\_\_

Seal & Signature

Caregiver's Contact No. \_\_\_\_\_

## Terms & Conditions

- The reported results are for information and interpretation of the referring doctor/ physiotherapist or such medical professional who understands reporting units, reference ranges and limitations of technologies.
- It is presumed that the assessment tests are performed on the patient named or identified and the verification of the particulars have been cleared out by the patient or his/her representative at the point of generation of this report. The reported results are restricted to the given patient only.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- Results may vary from one center to another and from time to time for the same parameter for the same patient. Assessments are performed in accordance with standard set procedures. Neither the physiotherapy center (including its employees, representatives) using Pheeze nor the manufacturer of Pheeze (Startoon Labs and its employees, representatives) assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of this report.
- This report is not valid for medico-legal purposes.

### Suggestions

- Values out of reference range requires reconfirmation before starting any medical treatment.
- Retesting/reassessment is needed if you suspect any quality shortcomings.