



Update clinic name

Dr. Viswanadham Duppatla ,
Ph : 7989646563



Session Date: Sep 26 2022, Mon, 5:18 PM Session no: 13 Session Duration: 11m:28s Start Session: 12/07/2022 Last Session: Sep 20 2022



Mr. Viswanadham, 44/M

Phone no:

Mail ID:

Condition:

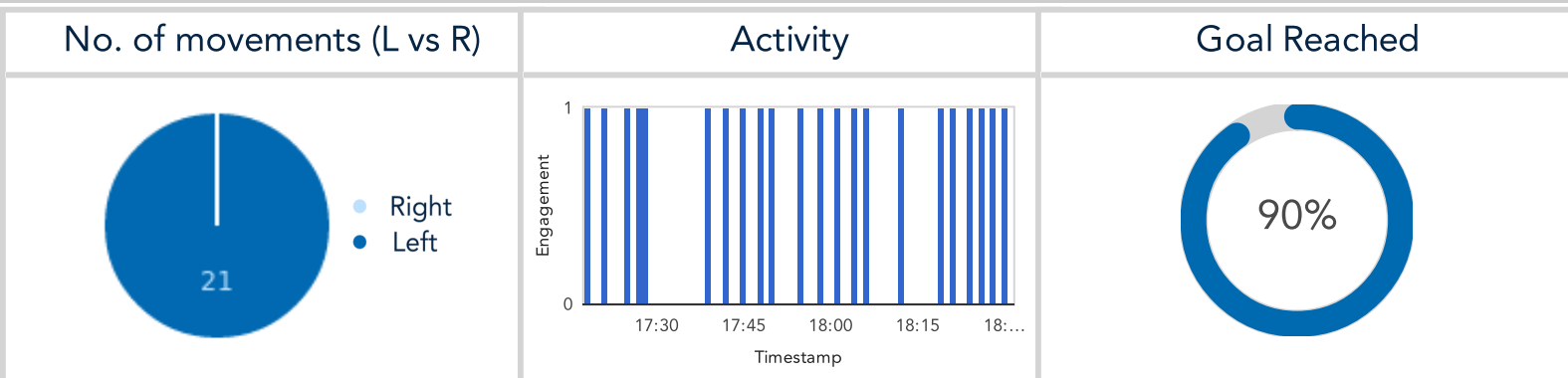
Speciality:

Knee - ACL Tear

Affected side:

Medical History:

Patient ID: 1 20220712102022



Report Details

No.	Joint	Movement	Muscle	Side	EMG (uV)	ROM (°)
1	Knee	Extension	Rectus Femoris	Right	90uV ↓ 470uV	113° ↓ 2°
2	Knee	Extension	Rectus Femoris	Right	155uV ↓ 405uV	115°
3	Knee	Isometric	Rectus Femoris	Right	42uV ↑ 9uV	0°
4	Knee	Isometric	Rectus Femoris	Right	35uV ↑ 2uV	0°
5	Knee	Isometric	Rectus Femoris	Right	76uV ↑ 43uV	0°
6	Knee	Extension	Vastus Lateralis	Right	41uV ↓ 143uV	109° ↑ 5°
7	Knee	Extension	Vastus Intermedius	Right	64uV ↓ 270uV	117° ↑ 6°
8	Knee	Extension	Vastus Intermedius	Right	155uV ↓ 179uV	122° ↑ 11°
9	Knee	Isometric	Vastus Medialis	Right	65uV ↑ 4uV	0°
10	Knee	Extension	Vastus Lateralis	Right	57uV ↓ 127uV	117° ↑ 13°
11	Knee	Flexion	Gastrocnemius	Right	81uV ↓ 51uV	109° ↑ 7°
12	Knee	Flexion	Sartorius	Right	51uV ↓ 57uV	115° ↑ 1°
13	Knee	Flexion	Sartorius	Right	48uV ↓ 60uV	116° ↑ 2°

No.	Joint	Movement	Muscle	Side	EMG (uV)	ROM (°)
14	Knee	Isometric	Semimembranosus	Right	41uV↓519uV	0°↓115°
15	Knee	Extension	Rectus Femoris	Left	42uV↓518uV	121°↑6°
16	Knee	Extension	Vastus Lateralis	Left	146uV↑113uV	127°↑127°
17	Knee	Extension	Vastus Intermedius	Left	131uV↑98uV	134°↑134°
18	Knee	Isometric	Rectus Femoris	Left	172uV↑139uV	0°
19	Knee	Flexion	Gastrocnemius	Left	92uV↓92uV	128°↑24°
20	Knee	Flexion	Sartorius	Left	135uV↓199uV	125°↑14°
21	Knee	Isometric	Semimembranosus	Left	36uV↓298uV	0°↓111°



Right Knee Extension

Rectus Femoris

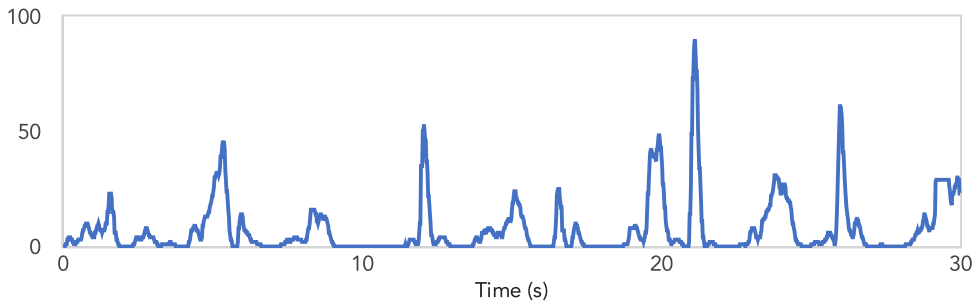
Lying

Session Recording: 21

Total Time

00m: 33s

EMG (uV)

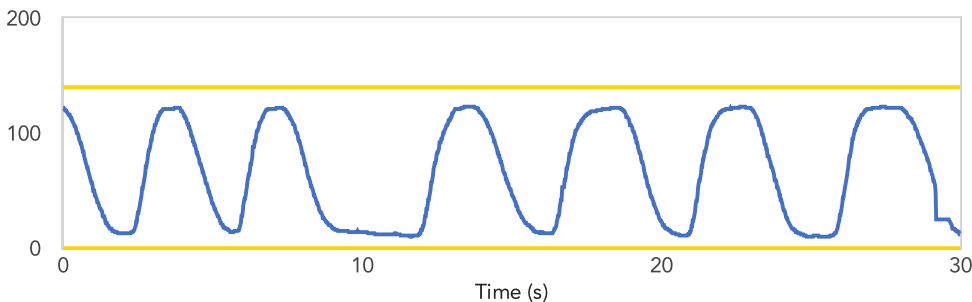


*Displayed graph is recorded for first 30 seconds only.

EMG Details

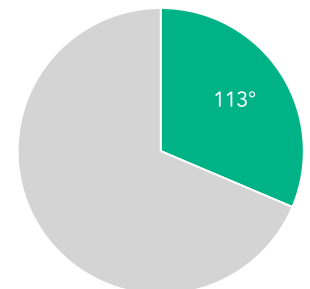
Time Recorded	33s
Avg Max EMG	45uV
Max EMG	90uV

Range of Motion (°)



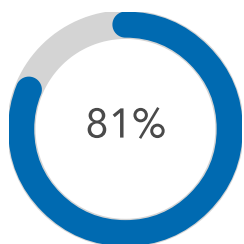
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	33s
Range Gained	113°
Initial ROM	10°
Final ROM	123°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	7
Rep Speed	0.21reps/s
Hold Time	3s
Hold Angle	123°
Active Time	00m: 34s

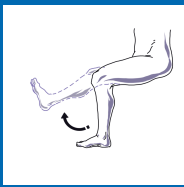
Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active
problem side			



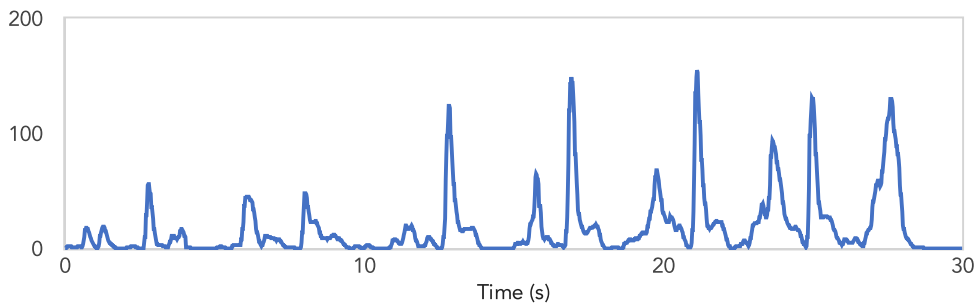
Right Knee Extension
Rectus Femoris

Lying

Session Recording: 22

Total Time 00m: 31s

EMG (uV)

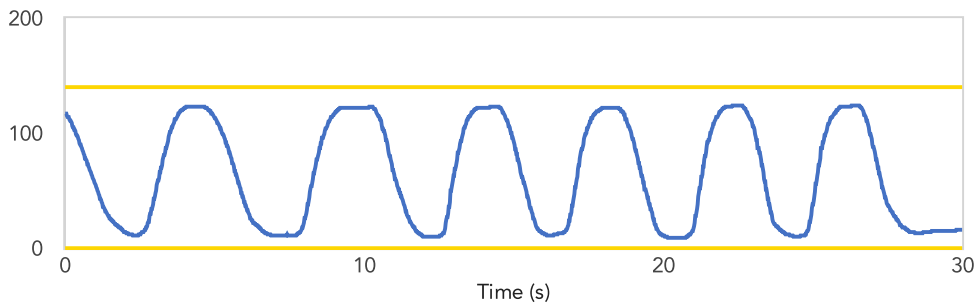


*Displayed graph is recorded for first 30 seconds only.

EMG Details

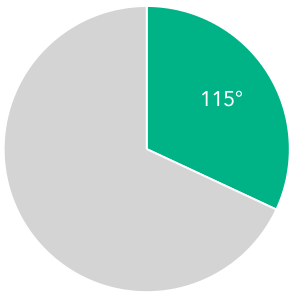
Time Recorded	31s
Avg Max EMG	110uV
Max EMG	155uV

Range of Motion (°)



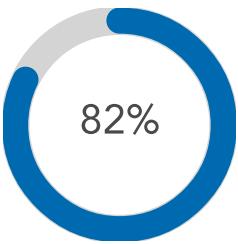
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	31s
Range Gained	115°
Initial ROM	9°
Final ROM	124°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	7
Rep Speed	0.23reps/s
Hold Time	4s
Hold Angle	13°
Active Time	00m: 30s

Goal Reached



Consistency	★☆☆☆☆
Control	★★★★☆
Smoothness	★★★★★
Co-Ordination	☆☆☆☆☆

Physio Remarks

MMT	4	Type	Active
problem side			



Right Knee Isometric Rectus Femoris

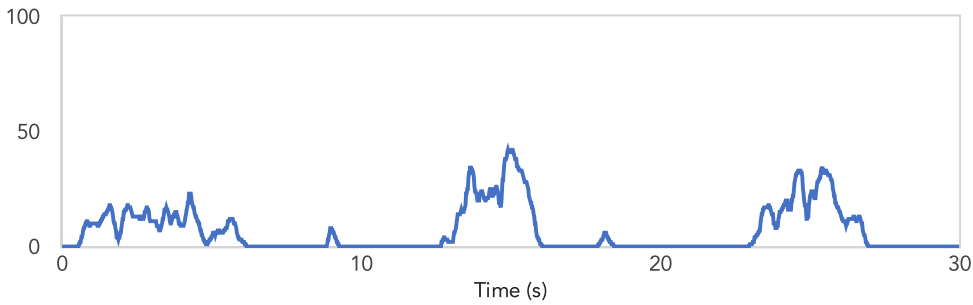
Lying

Session Recording: 11

Total Time

00m: 39s

EMG (uV)

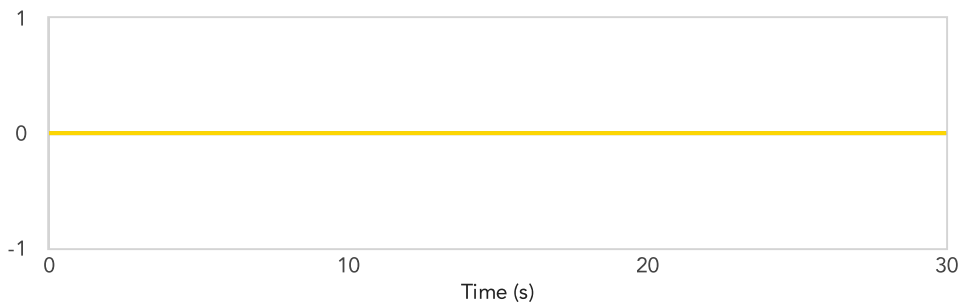


*Displayed graph is recorded for first 30 seconds only.

EMG Details

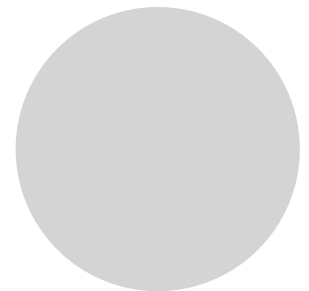
Time Recorded	39s
Avg Max EMG	28uV
Max EMG	42uV

Range of Motion (°)



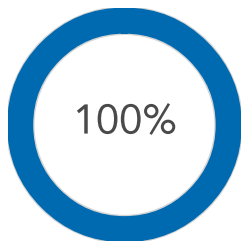
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	39s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 32s

Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active
problem side			



Right Knee Isometric Rectus Femoris

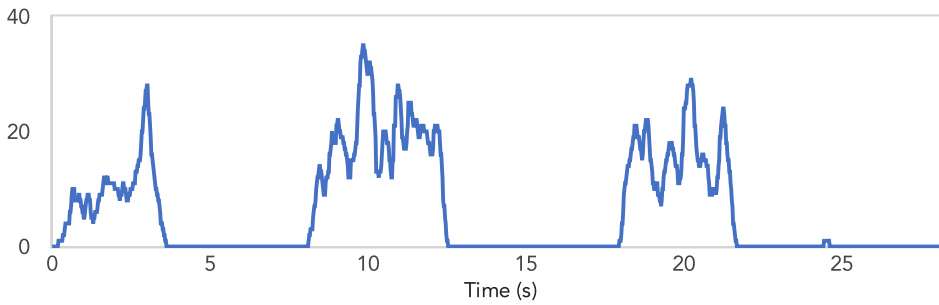
Lying

Session Recording: 12

Total Time

00m: 29s

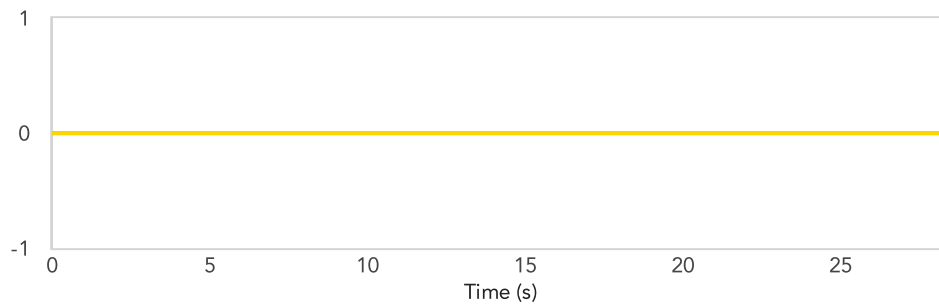
EMG (uV)



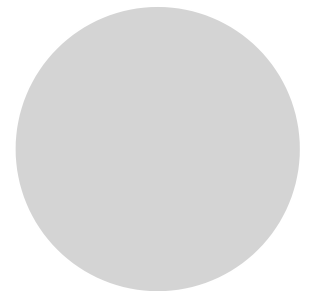
EMG Details

Time Recorded	29s
Avg Max EMG	23uV
Max EMG	35uV

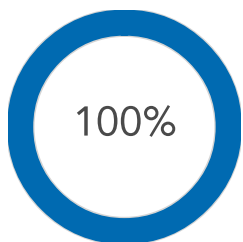
Range of Motion (°)



ROM Details



Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Time Recorded	29s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 22s

Physio Remarks

MMT	4	Type	Active
problem side			



Right Knee Isometric Rectus Femoris

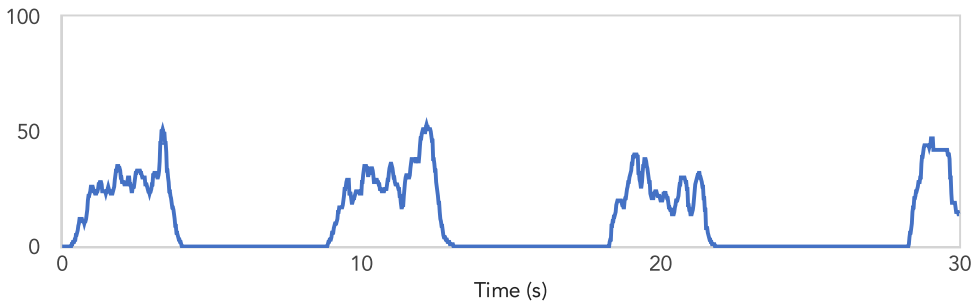
Lying

Session Recording: 13

Total Time

00m: 34s

EMG (uV)

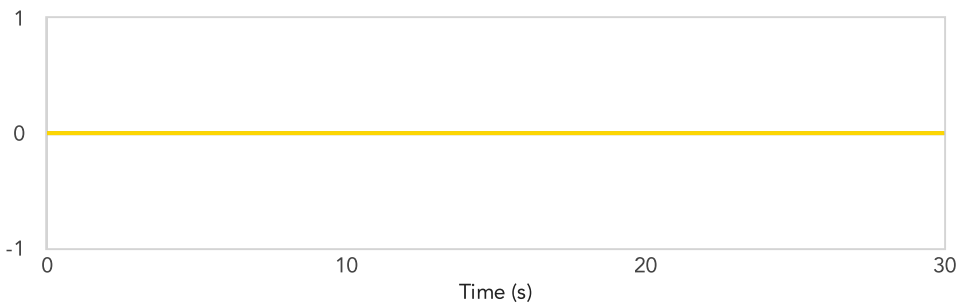


*Displayed graph is recorded for first 30 seconds only.

EMG Details

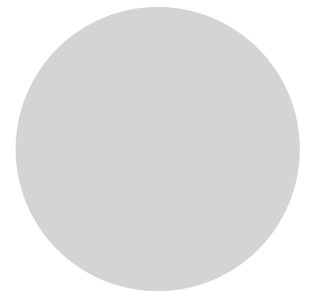
Time Recorded	34s
Avg Max EMG	55uV
Max EMG	76uV

Range of Motion (°)



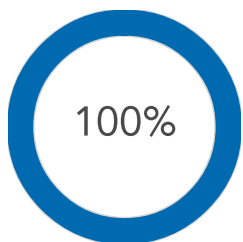
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	34s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 26s

Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active
problem side			



Right Knee Extension

Vastus Lateralis

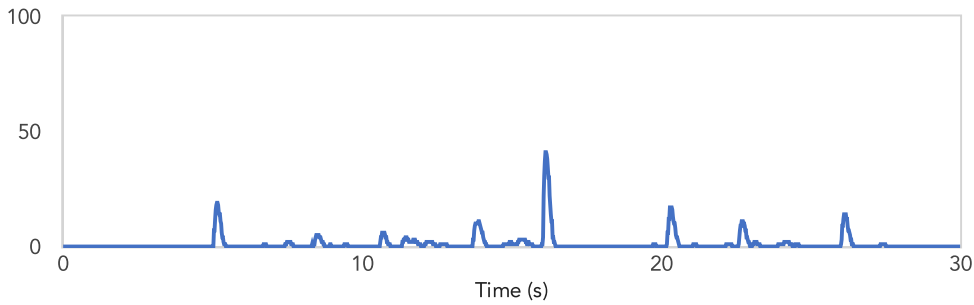
Lying

Session Recording: 10

Total Time

00m: 32s

EMG (uV)

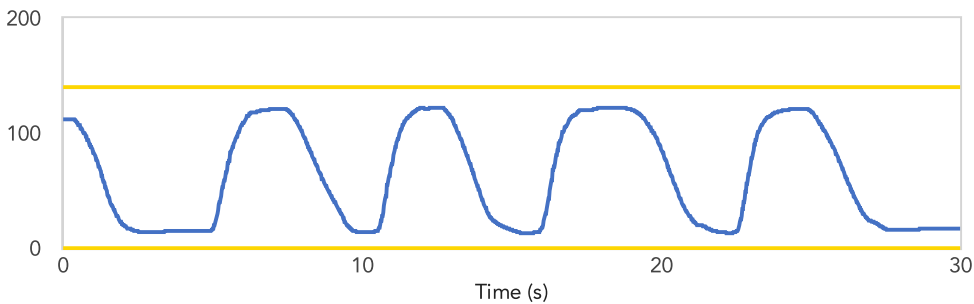


*Displayed graph is recorded for first 30 seconds only.

EMG Details

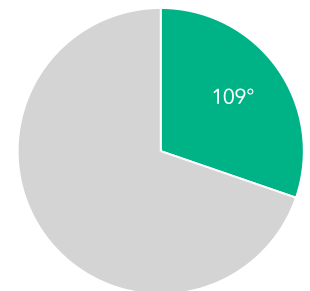
Time Recorded	32s
Avg Max EMG	19uV
Max EMG	41uV

Range of Motion (°)



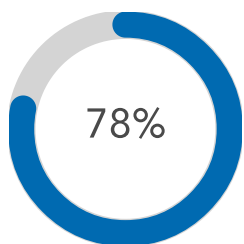
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	32s
Range Gained	109°
Initial ROM	13°
Final ROM	122°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	5
Rep Speed	0.17reps/s
Hold Time	5s
Hold Angle	16°
Active Time	00m: 29s

Goal Reached



Consistency ★★★★★

Control ★★★★★

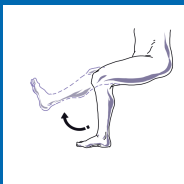
Smoothness ★★★★★

Co-Ordination ★★★★★

Physio Remarks

MMT 4 Type Active

problem side



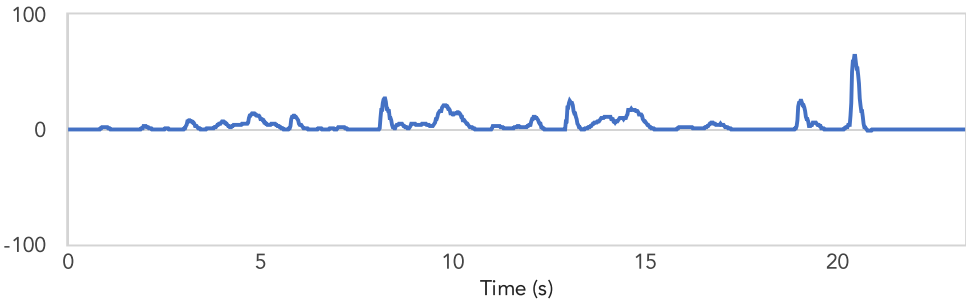
Right Knee Extension
Vastus Intermedius

Lying

Session Recording: 10

Total Time 00m: 24s

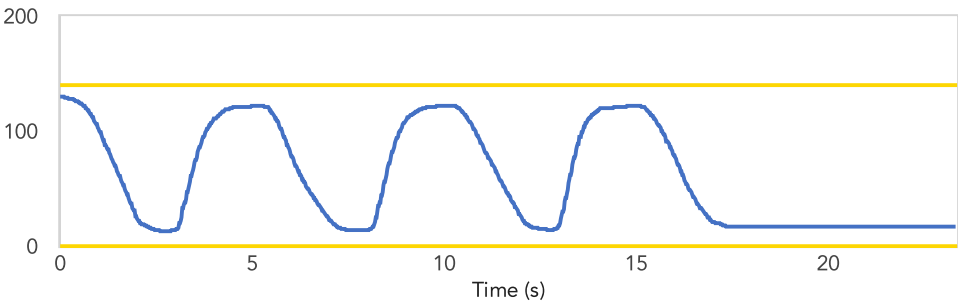
EMG (uV)



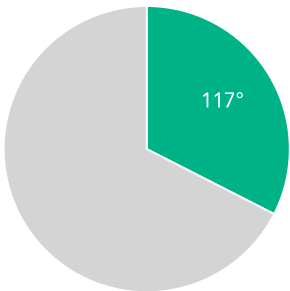
EMG Details

Time Recorded	24s
Avg Max EMG	31uV
Max EMG	64uV

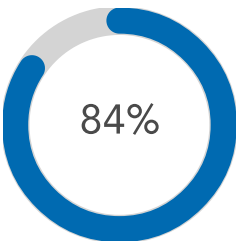
Range of Motion (°)



ROM Details



Goal Reached

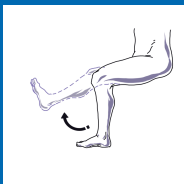


Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Time Recorded	24s
Range Gained	117°
Initial ROM	13°
Final ROM	130°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	4
Rep Speed	0.22reps/s
Hold Time	3s
Hold Angle	122°
Active Time	00m: 18s

Physio Remarks

MMT	4	Type	Active



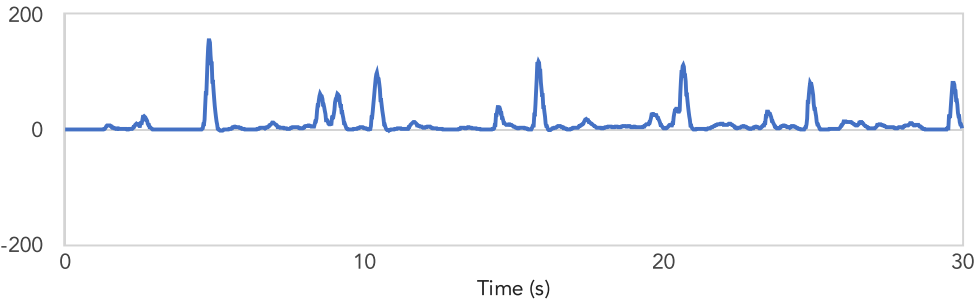
Right Knee Extension
Vastus Intermedius

Lying

Session Recording: 11

Total Time 00m: 34s

EMG (uV)

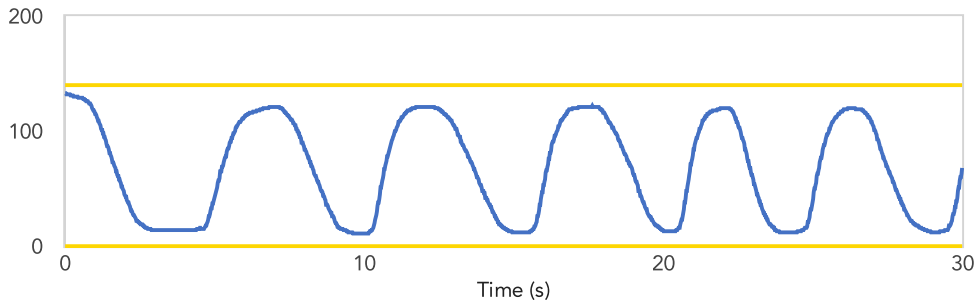


*Displayed graph is recorded for first 30 seconds only.

EMG Details

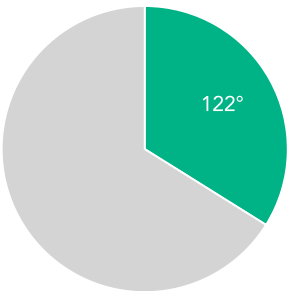
Time Recorded	34s
Avg Max EMG	108uV
Max EMG	155uV

Range of Motion (°)



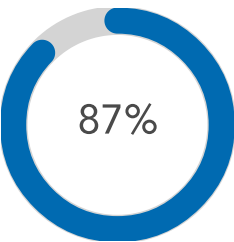
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	34s
Range Gained	122°
Initial ROM	11°
Final ROM	133°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	7
Rep Speed	0.21reps/s
Hold Time	2s
Hold Angle	120°
Active Time	00m: 34s

Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active
problem side			



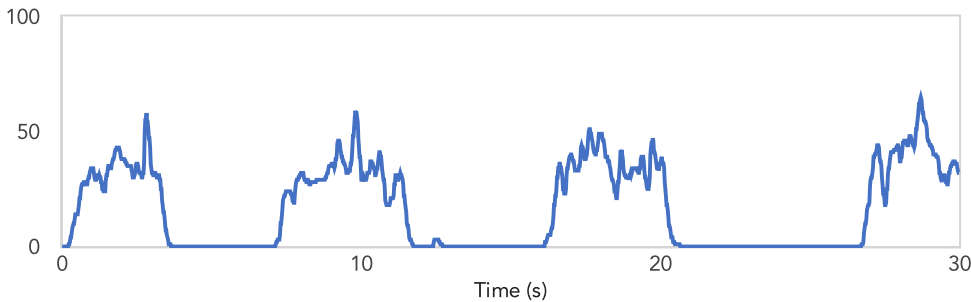
Right Knee Isometric
Vastus Medialis

Lying

Session Recording: 7

Total Time 00m: 34s

EMG (uV)

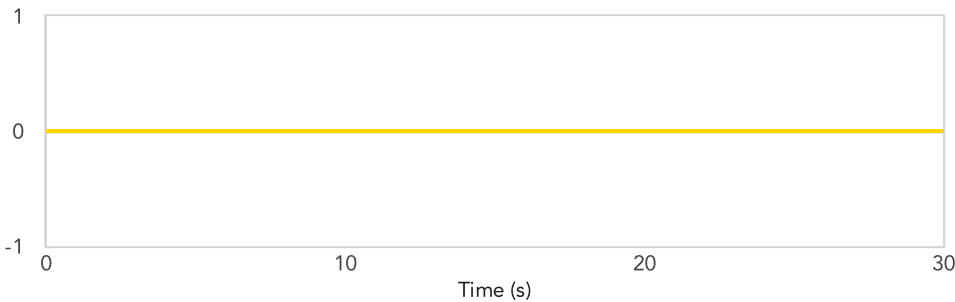


*Displayed graph is recorded for first 30 seconds only.

EMG Details

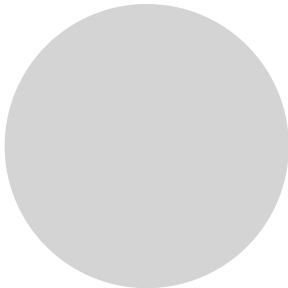
Time Recorded	34s
Avg Max EMG	58uV
Max EMG	65uV

Range of Motion (°)

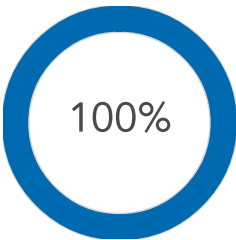


*Displayed graph is recorded for first 30 seconds only.

ROM Details



Goal Reached

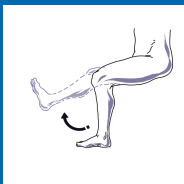


Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Time Recorded	34s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 23s

Physio Remarks

MMT	4	Type	Active



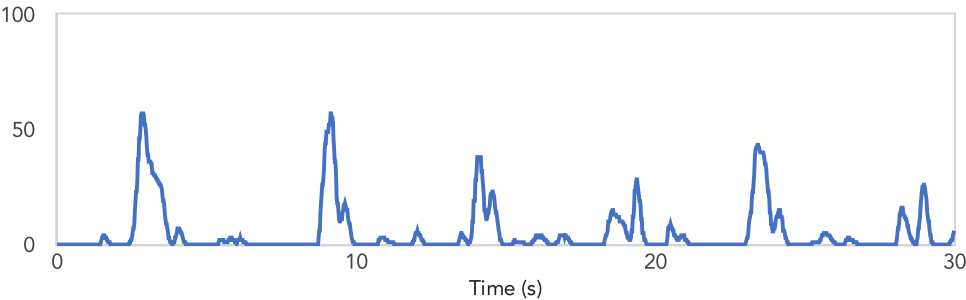
Right Knee Extension
Vastus Lateralis

Lying

Session Recording: 11

Total Time 00m: 34s

EMG (uV)

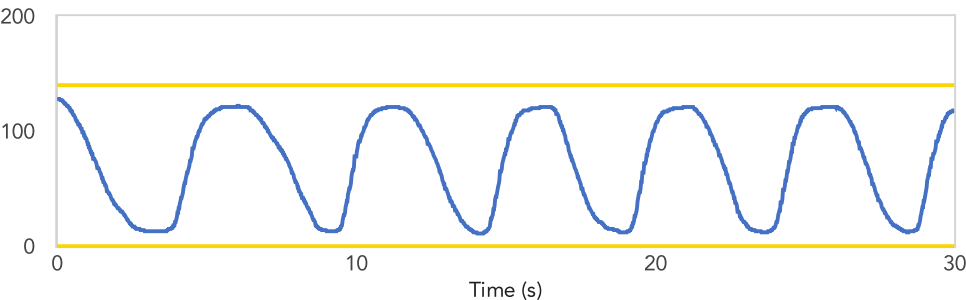


*Displayed graph is recorded for first 30 seconds only.

EMG Details

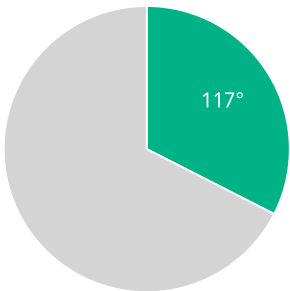
Time Recorded	34s
Avg Max EMG	42uV
Max EMG	57uV

Range of Motion (°)



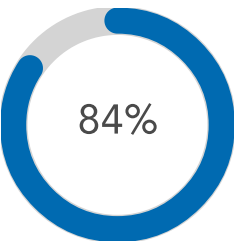
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	34s
Range Gained	117°
Initial ROM	11°
Final ROM	128°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	7
Rep Speed	0.21reps/s
Hold Time	3s
Hold Angle	122°
Active Time	00m: 34s

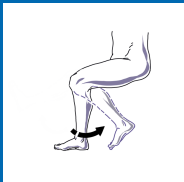
Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active



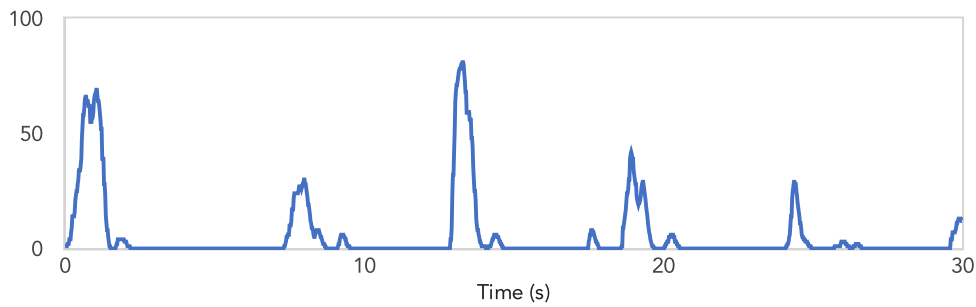
Right Knee Flexion
Gastrocnemius

Lying

Session Recording: 23

Total Time 00m: 37s

EMG (uV)

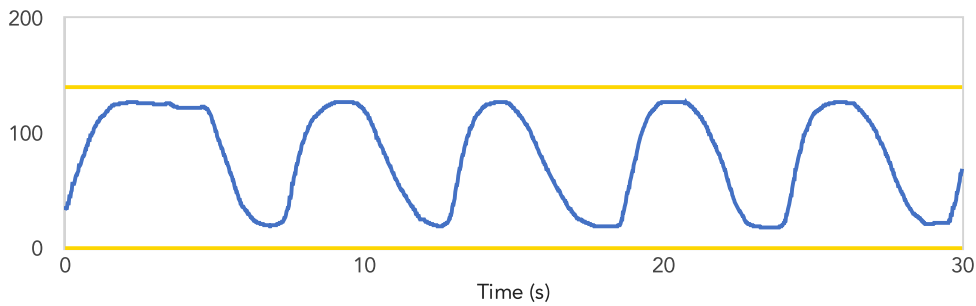


*Displayed graph is recorded for first 30 seconds only.

EMG Details

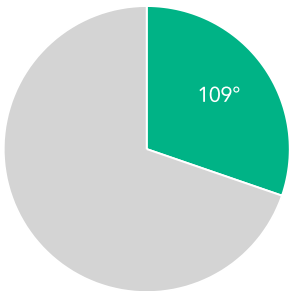
Time Recorded	37s
Avg Max EMG	39uV
Max EMG	81uV

Range of Motion (°)



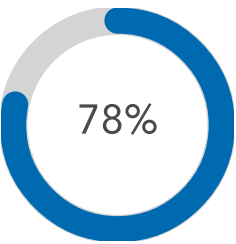
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	37s
Range Gained	109°
Initial ROM	18°
Final ROM	127°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	6
Rep Speed	0.16reps/s
Hold Time	3s
Hold Angle	127°
Active Time	00m: 37s

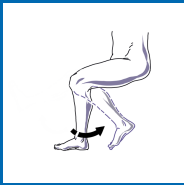
Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active
problem side			



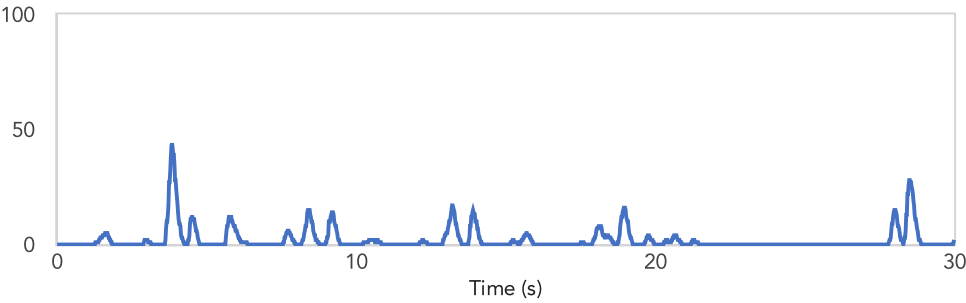
Right Knee Flexion
Sartorius

Lying

Session Recording: 9

Total Time 00m: 35s

EMG (uV)

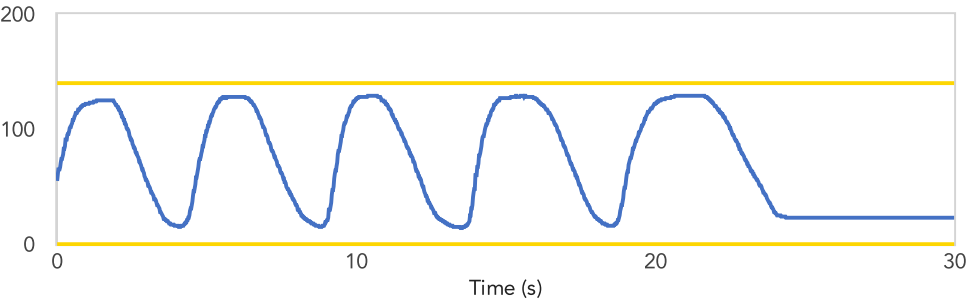


*Displayed graph is recorded for first 30 seconds only.

EMG Details

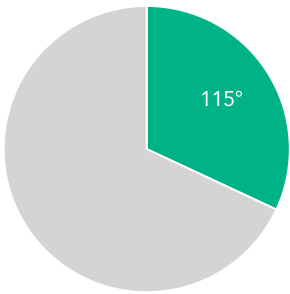
Time Recorded	35s
Avg Max EMG	29uV
Max EMG	51uV

Range of Motion (°)



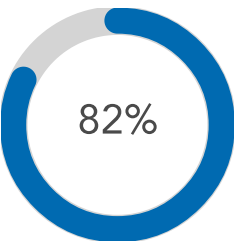
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	35s
Range Gained	115°
Initial ROM	14°
Final ROM	129°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	5
Rep Speed	0.19reps/s
Hold Time	12s
Hold Angle	23°
Active Time	00m: 26s

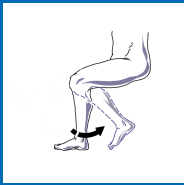
Goal Reached



Consistency	★★★★★
Control	★★★☆☆
Smoothness	★★★★★
Co-Ordination	★★★☆☆

Physio Remarks

MMT	4	Type	Active



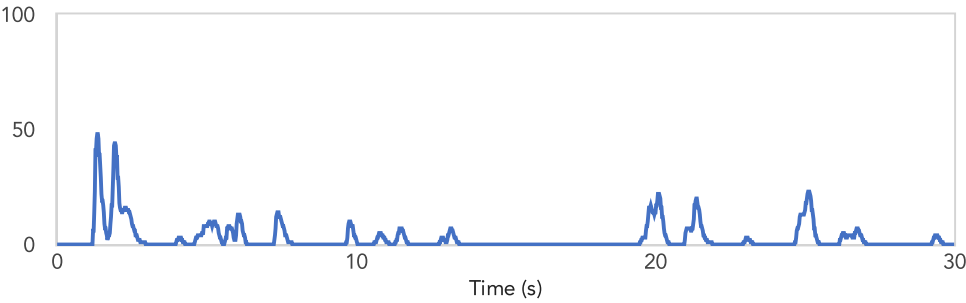
Right Knee Flexion
Sartorius

Lying

Session Recording: 10

Total Time 00m: 37s

EMG (uV)

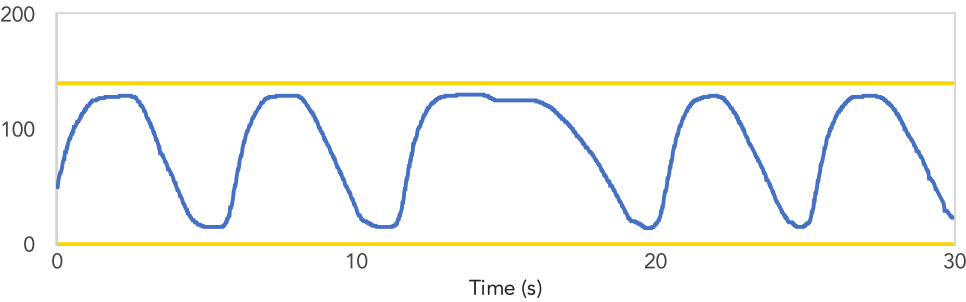


*Displayed graph is recorded for first 30 seconds only.

EMG Details

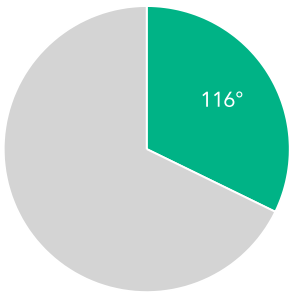
Time Recorded	37s
Avg Max EMG	22uV
Max EMG	48uV

Range of Motion (°)



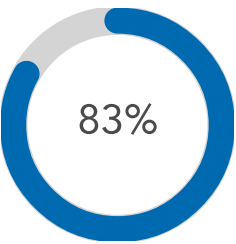
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	37s
Range Gained	116°
Initial ROM	14°
Final ROM	130°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	6
Rep Speed	0.17reps/s
Hold Time	4s
Hold Angle	130°
Active Time	00m: 36s

Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	4	Type	Active
problem side			



Right Knee Isometric Semimembranosus

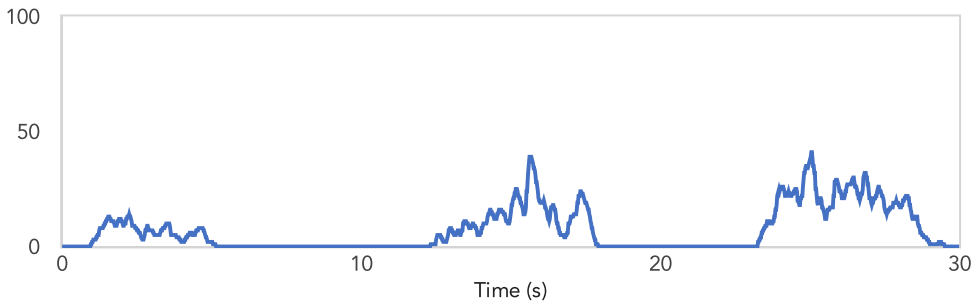
Lying

Session Recording: 9

Total Time

00m: 33s

EMG (uV)

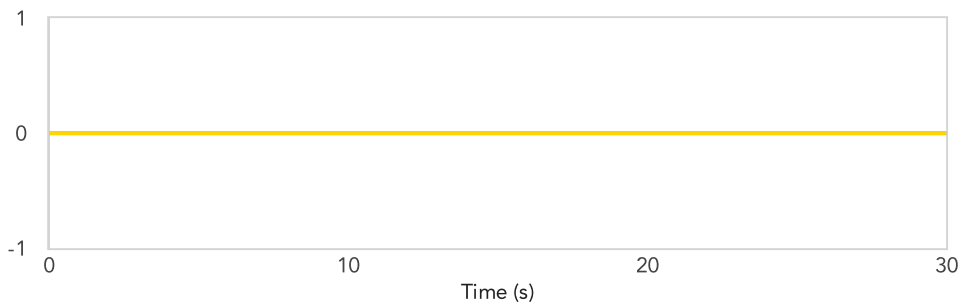


*Displayed graph is recorded for first 30 seconds only.

EMG Details

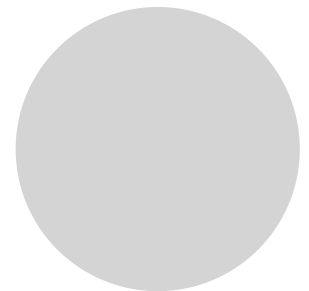
Time Recorded	33s
Avg Max EMG	24uV
Max EMG	41uV

Range of Motion (°)



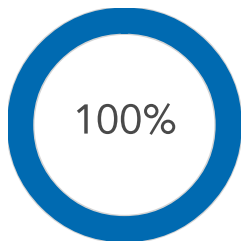
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	33s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 21s

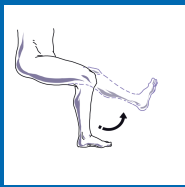
Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT 4 Type Active



Left Knee Extension

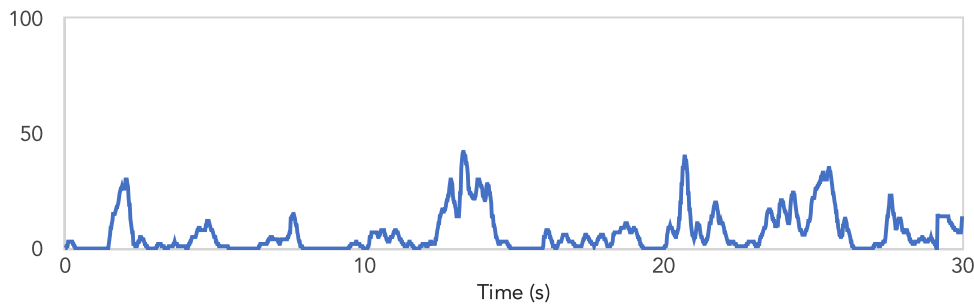
Rectus Femoris

Lying

Session Recording: 12

Total Time 00m: 36s

EMG (uV)

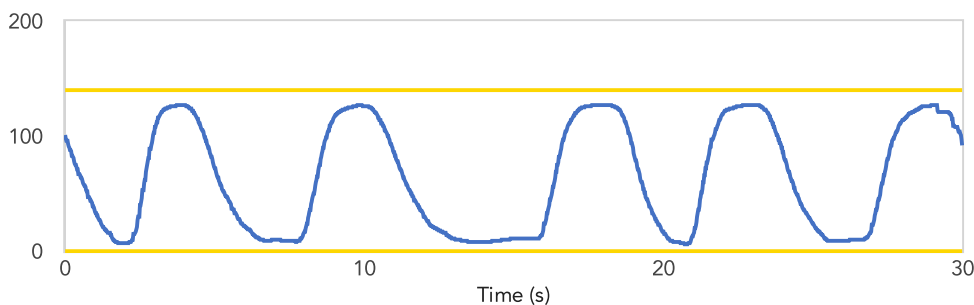


*Displayed graph is recorded for first 30 seconds only.

EMG Details

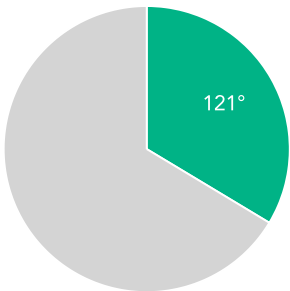
Time Recorded	36s
Avg Max EMG	34uV
Max EMG	42uV

Range of Motion (°)



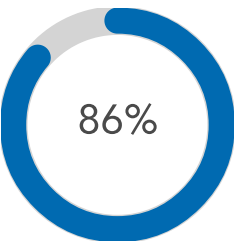
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	36s
Range Gained	121°
Initial ROM	6°
Final ROM	127°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	6
Rep Speed	0.19reps/s
Hold Time	3s
Hold Angle	128°
Active Time	00m: 31s

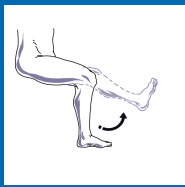
Goal Reached



Consistency	★★★★★
Control	★★★☆☆
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	5	Type	Active
muscle fatigue present			



Left Knee Extension

Vastus Lateralis

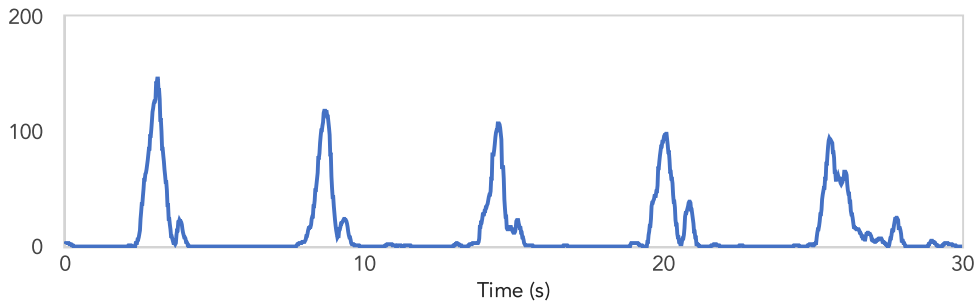
Lying

Session Recording: 9

Total Time

00m: 35s

EMG (uV)

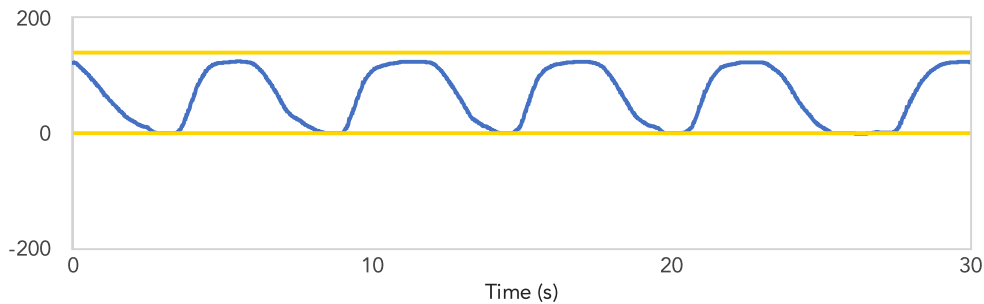


*Displayed graph is recorded for first 30 seconds only.

EMG Details

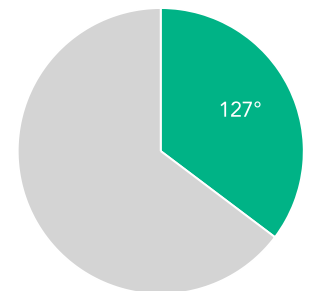
Time Recorded	35s
Avg Max EMG	95uV
Max EMG	146uV

Range of Motion (°)



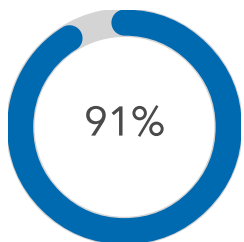
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	35s
Range Gained	127°
Initial ROM	-1°
Final ROM	126°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	6
Rep Speed	0.18reps/s
Hold Time	4s
Hold Angle	-
Active Time	00m: 34s

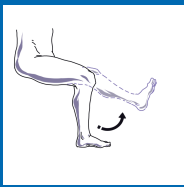
Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	5	Type	Active
mf			



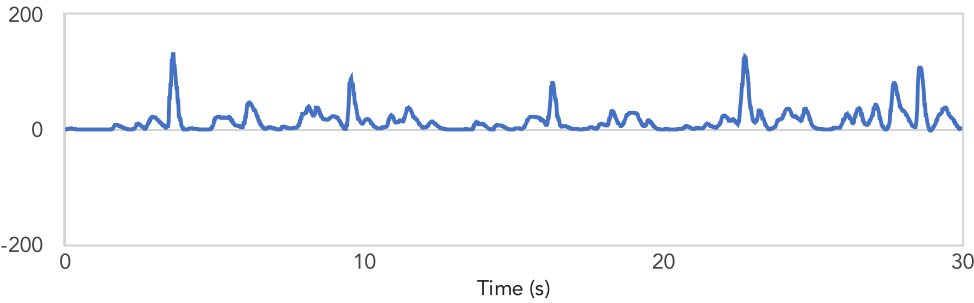
Left Knee Extension
Vastus Intermedius

Lying

Session Recording: 9

Total Time 00m: 33s

EMG (uV)

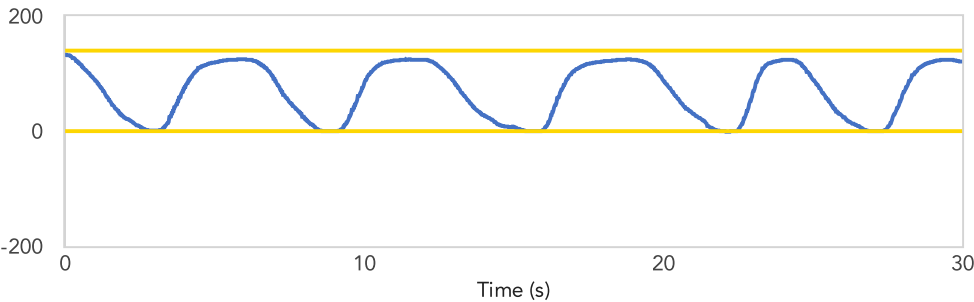


*Displayed graph is recorded for first 30 seconds only.

EMG Details

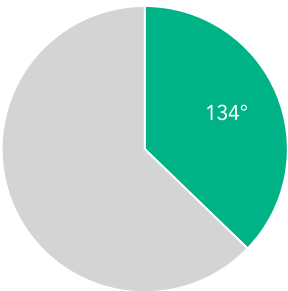
Time Recorded	33s
Avg Max EMG	108uV
Max EMG	131uV

Range of Motion (°)



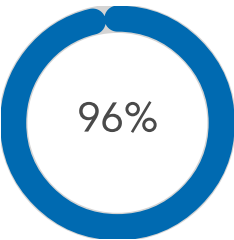
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	33s
Range Gained	134°
Initial ROM	-1°
Final ROM	133°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	6
Rep Speed	0.18reps/s
Hold Time	4s
Hold Angle	125°
Active Time	00m: 34s

Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	5	Type	Active
mf and reference side			



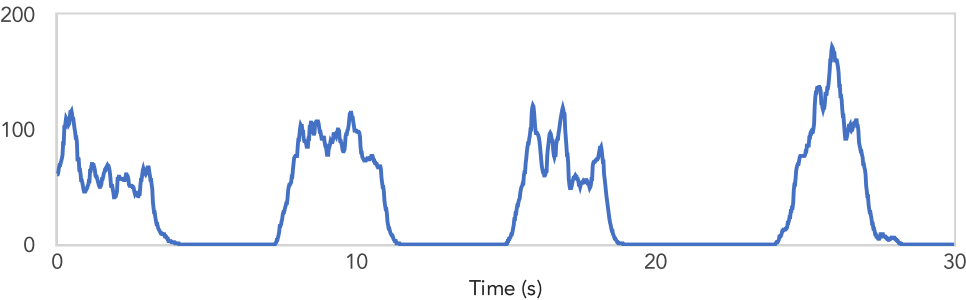
Left Knee Isometric
Rectus Femoris

Lying

Session Recording: 9

Total Time 00m: 31s

EMG (uV)

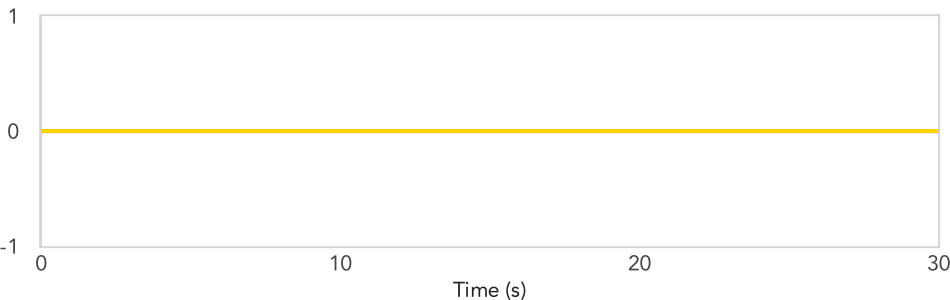


*Displayed graph is recorded for first 30 seconds only.

EMG Details

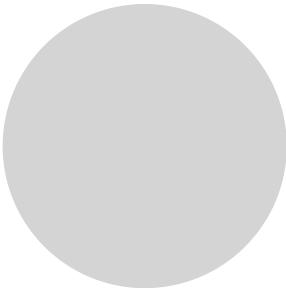
Time Recorded	31s
Avg Max EMG	131uV
Max EMG	172uV

Range of Motion (°)



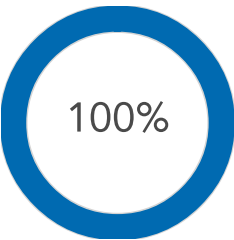
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	31s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 15s

Goal Reached



Consistency	★☆☆☆☆
Control	☆☆☆☆☆
Smoothness	★★★★★
Co-Ordination	☆☆☆☆☆

Physio Remarks

MMT	5	Type	Active



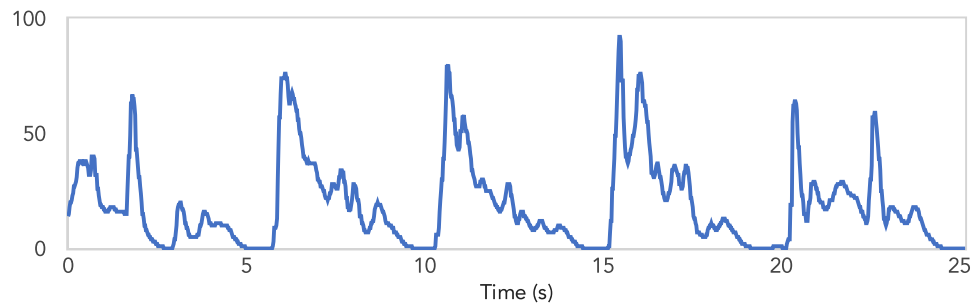
Left Knee Flexion
Gastrocnemius

Lying

Session Recording: 11

Total Time 00m: 26s

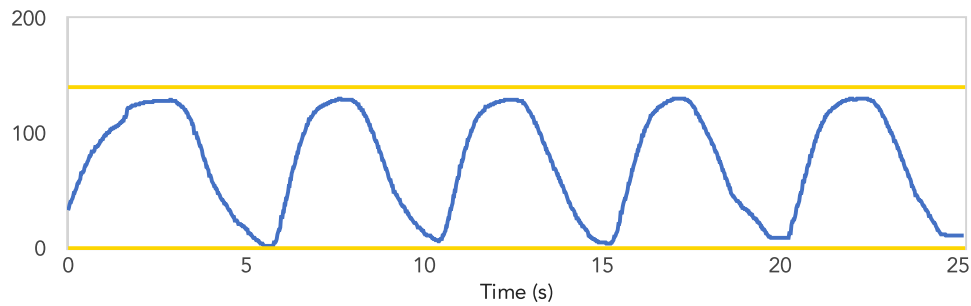
EMG (uV)



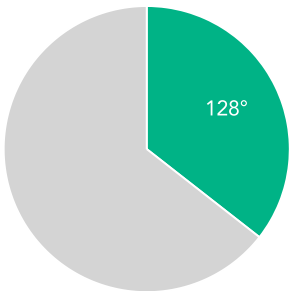
EMG Details

Time Recorded	26s
Avg Max EMG	76uV
Max EMG	92uV

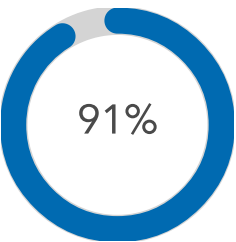
Range of Motion (°)



ROM Details



Goal Reached



Consistency	★★★★☆
Control	★★★★☆
Smoothness	★★★★★
Co-Ordination	★★★★★

Time Recorded	26s
Range Gained	128°
Initial ROM	2°
Final ROM	130°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	5
Rep Speed	0.19reps/s
Hold Time	3s
Hold Angle	130°
Active Time	00m: 27s

Physio Remarks

MMT	5	Type	Active



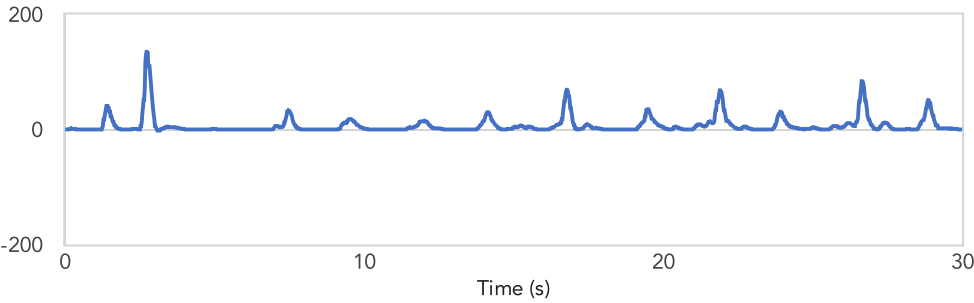
Left Knee Flexion
Sartorius

Lying

Session Recording: 11

Total Time 00m: 31s

EMG (uV)

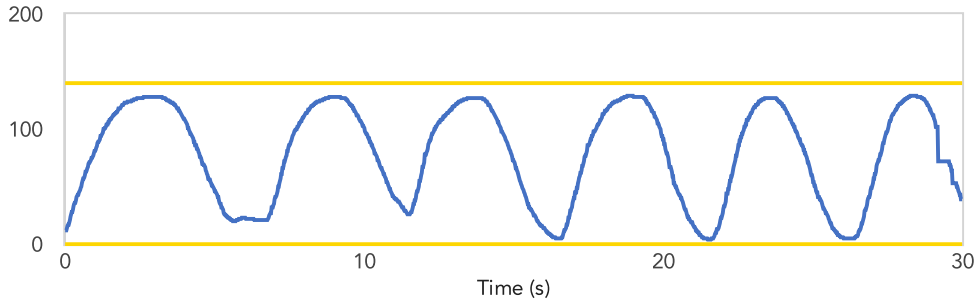


*Displayed graph is recorded for first 30 seconds only.

EMG Details

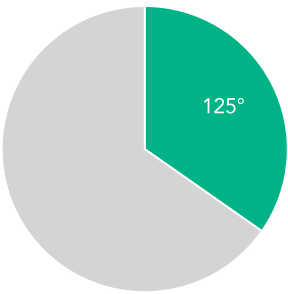
Time Recorded	31s
Avg Max EMG	67uV
Max EMG	135uV

Range of Motion (°)



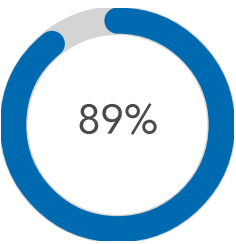
*Displayed graph is recorded for first 30 seconds only.

ROM Details



Time Recorded	31s
Range Gained	125°
Initial ROM	4°
Final ROM	129°
Target ROM	0° to 140°
Normal ROM	0° to 140°
Repetitions	6
Rep Speed	0.19reps/s
Hold Time	3s
Hold Angle	129°
Active Time	00m: 31s

Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Physio Remarks

MMT	5	Type	Active



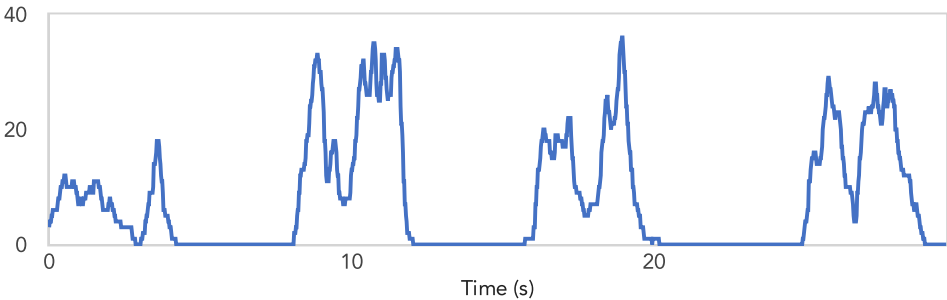
Left Knee Isometric
Semimembranosus

Lying

Session Recording: 9

Total Time 00m: 30s

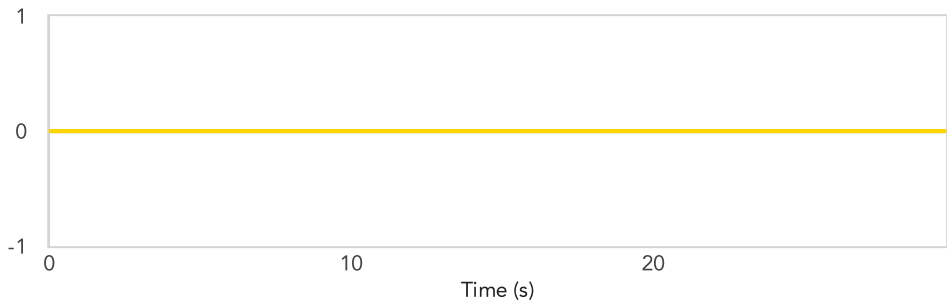
EMG (uV)



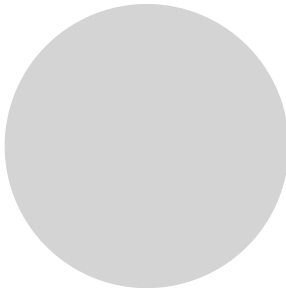
EMG Details

Time Recorded	30s
Avg Max EMG	30uV
Max EMG	36uV

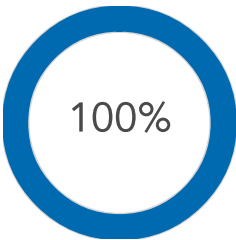
Range of Motion (°)



ROM Details



Goal Reached



Consistency	★★★★★
Control	★★★★★
Smoothness	★★★★★
Co-Ordination	★★★★★

Time Recorded	30s
Range Gained	0°
Initial ROM	0°
Final ROM	0°
Target ROM	0° to 0°
Normal ROM	0° to 0°
Repetitions	0
Rep Speed	0reps/s
Hold Time	0s
Hold Angle	-
Active Time	00m: 21s

Physio Remarks

MMT	5	Type	Active
mf			

Additional Comment

Next Session:_____

Time:_____

Report handed over by:_____

Dept:_____

Seal & Signature

Contact No.

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- 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.
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Suggestions

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