

Dynamic Arm Support

MOMO

For a More Independent Life.



Ms. Yuriko Oda
President of the patients association for Distal Myopathies and wheelchair walker.



Mr. Seiken Ganeko
Okinawan Sanshin performer, the founder of Kentomi Band.

It was more unbearable to get lost the use of hands than of walking.

I was diagnosed with Distal Myopathy, one of the progressive disease, when I was 22 years old.
I did not get what it means exactly because I could walk alone at that time.

Even if the disease deprives my physical function, it can not broke my strong will.
However I got depressed deeply when I lost the ability to cook for my family.

When I was a student, my teacher said “The big difference between animals and human is
to use hands and to use tools with hands for many purpose”.

Reading a book, writing letter, dressing up, eating etc..

We use hands in many situation in daily lives.

Upper limb is more important for human than legs in my opinion.

MOMO gives me a chance to do many things by myself such as typing keyboard and brushing teeth.
This means I can make my life more independent.

I wish MOMO gets further progress and support the lives of many people in the world.

Watch MOMO intro movie by her.



What a wonderful encounter with MOMO.

Sanshin, it's Okinawan traditional three stringed instrument, has been always by my side
from when I was 12 years old.

Even after I was diagnosed with special type of motor and sensory neuropathy,
I've been performing it on the wheelchair.

I've gotten to know MOMO when I began trying to train young performer as my successor
because my disease has progressed.

“I don't have to give up playing Sanshin!!” I was sure when I used MOMO first time.
And now it's become the essential partner.

I always introduce it to my friends who are suffered from the same disease as me.
I just hope them to feel joy of moving their arm freely and doing what they want to do.
So I'm always so happy to see their amazing experience and joyful smile.

Thanks to encounter with MOMO, people and everything.
I will keep doing my best performance from now on.

Watch his performance with MOMO.



Simple

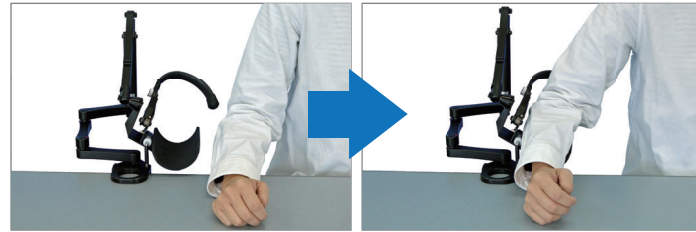
Compact and ergonomic.

MOMO never let you feel discomfort and block your visibility because of its compact and ergonomic design.



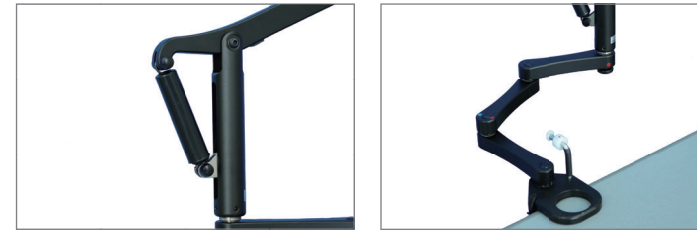
Put your arm on, that's all

Once MOMO is adjusted for you, you can use MOMO by just putting your arm on the Arm rest. MOMO is friendly to both of users and caregivers.



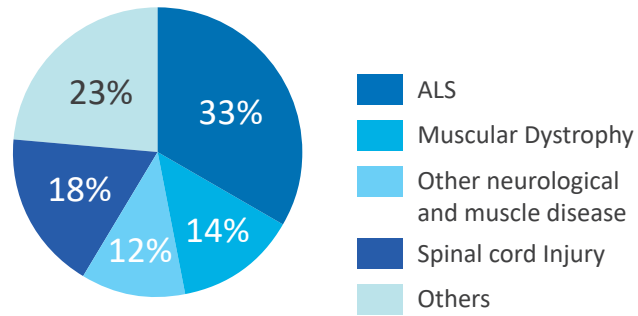
No electricity

MOMO does not use electricity. The combination of the Spring and Links makes you move your arm. It's really safety and low cost tool.



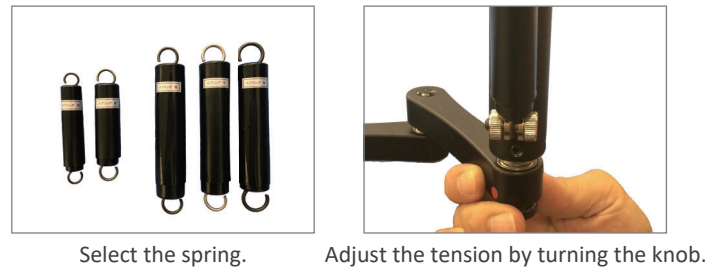
Adaptable

Break down of user's disease (As of Mar - 2017)

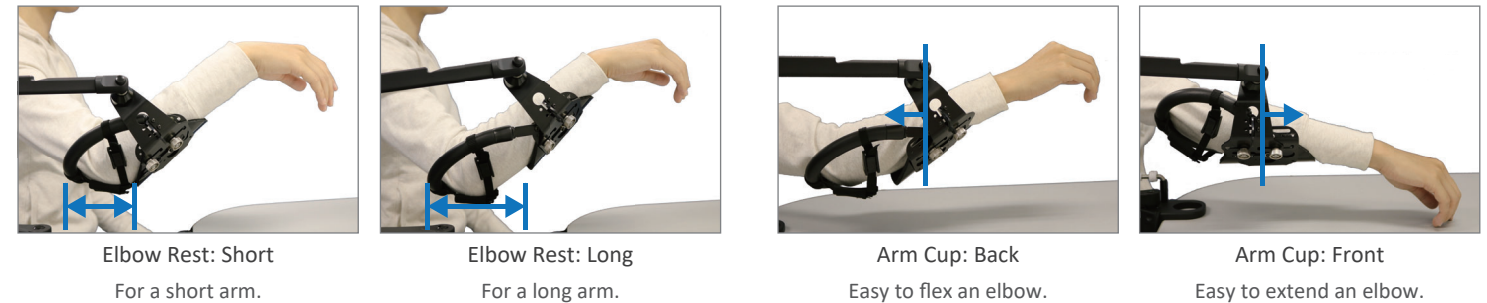


2 types of series named "MOMO" and "MOMO Prime" are made for many people who has upper limb disability. See page 6 for the difference between them.

Adjusting the push up force.



Adjusting the length of Elbow Rest and the position of Arm Cup.



Daily Living Partner

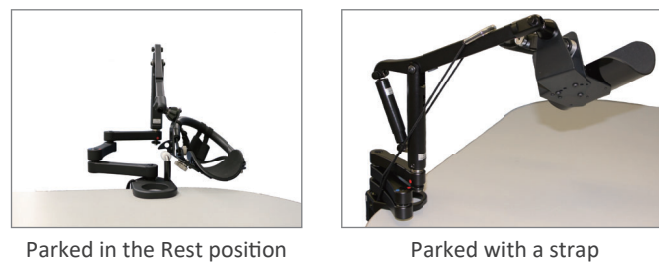
Table Clamp

You can use MOMO on a table with the Table clamp. It can be attached to a flat surface that is 5cm or less in thickness, as shown in the pictures below.



MOMO has a option of 3 mounting parts to use in any situation of your daily living.

MOMO can be parked in 2 ways if you use Table clamp. You can park and release MOMO by your self for the Rest position.



Floor Stand

You can use MOMO anywhere and change the height between 596mm to 890mm with the Floor Stand.



Dimensions : W 506mm×D 620mm×H 596mm~890mm
Weight : 7.3kg

Wheelchair Clamp

You can use MOMO on a wheelchair with the Wheelchair Clamp. It can adjust the mounting angle of MOMO.



Dimensions : W 72mm×D 162mm×H 73mm
Weight : 850g
Min. attachable pipe length : 52mm
Attachable pipe diameter : Φ16mm - Φ27.2mm

MOMO



MOMOPrime



Support

MOMO makes it easy to:

- hold the arm at adjusted height.
- move the arm horizontally and flex the elbow.



elbow flexion

Movements

Shoulder : Medial/Lateral Rotation
Elbow : Flexion/Extension

MOMO Prime makes it easy to:

- lift up the arm by fixed force.
- move the arm horizontally and lift up the elbow.



shoulder abduction



shoulder and elbow flexion

Movements

Shoulder : Medial/Lateral Rotation, Abduction/Adduction, Flexion/Extension
Elbow : Flexion/Extension

For whom?

- Persons who have very weak shoulder's function.
- Patients of nervous, muscular or motor neuron disease.

- Patients of spinal cord injury.
- Patients of nervous, muscular or motor neuron disease.
- Persons who can keep the height of the arm with weak support.

Load capacity

5.0kg

Push-up force (depends on a type of Spring)

Weak: 0.5 - 1.4kg Medium: 0.7 - 1.7kg Strong: 1.1 - 2.7kg

Vertical working range

Can be obtained by flexing the elbow.

200mm

Horizontal working range

2 links: approx. 200mm

3 links: approx. 300mm

4 links: approx. 400mm

Weight (for one arm with 3 Links, Strong Spring, Arm Rest Type B and Table Clamp.)

1.7Kg

2.0Kg

Mounting [See page 5 for details.](#)

Table (Table clamp)

Wheelchair (Wheelchair clamp)

Anywhere (Floor stand)

MOMO series are consisted of some parts you can select according to user and objective.

Select Body

See Page 6 for details

Select Spring

See page 6 for details

Select Arm Rest

Select Mounting

See page 5 for details

Select the number of Links

description:		Name	Product Number			
1	2	You can use the same body for both of left/right arm.				
		1. MOMO Body	S20000A01			
		2. MOMO Prime Body	S30000A01			
3	4	5	6	7		
					3. Weak Spring for MOMO	S21009A01
					4. Strong Spring for MOMO	S21010A01
					5. Weak Spring for MOMO Prime	S31005A01
					6. Medium Spring for MOMO Prime	S31006A01
					7. Strong Spring for MOMO Prime	S31007A01
8, 9	10, 11					
					8. Arm Rest Type B Right (Standard)	S22100A01
					9. Arm Rest Type B Left (Standard)	S22100A02
					10. Arm Rest Type C Right (Small)	S22200A01
					11. Arm Rest Type C Left (Small)	S22200A02
12	13	14, 15				
					12. Table Clamp	S23000A01
					13. Floor Stand	S71000A01
					14. Wheelchair Clamp Right	S73000A01
					15. Wheelchair Clamp Left	S73000A02
2 Links	4 Links type 1	4 Links type 2				
					3 horizontal links are standard, however using the device with 2 or 4 links is possible.	
					Note1 : The MOMO and MOMO Prime are sold with 3 links. Extra horizontal links are sold separately.	
					Note2 : A 4mm hex key is required (Included).	
					16. Horizontal Link	S21005A01

Your MOMO is here!!





"That's extremely great experience to drink from a cup without straw."



"I do recommend to use MIMO A.S.A.P. for reducing the burden."



"I'm living positively with MIMO."



"My son enjoys reading books and moving toys by using his own hand. MIMO expands his possibility."

YouTube **Introduction** **User story**



<https://www.reharo.com/gallery/>

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