Helpful guide for care to implement from tomorrow

Positioning Practice Handbook



Supervisor: Yoshinori Kitade



Why is positioning necessary?

Positioning, the cornerstone of care

Recently we often hear the word "positioning."

"Positioning" refers to care of posture and activities in order to prevent bedsores,prevent and improve arthrogryposis,promote safe ingestion/swallow and breathing,while enhancing comfort and ability of activities, for the people requiring nursing care.

If people engaged in caregiving and nursing learn about positioning and incorporate it into daily care, they can pay more attention to the function of the people they care such as posture, breathing and muscle tension, and also they can monitor and adjust the personal and physical environment of the people requiring nursing care.

Furthermore, positioning is useful for not only comforts and pleasant feeling of the people in need of care, but also bringing out their residual function and preventing advancement in severity.

We hope this pamphlet will be beside nursing care professionals and families who provide nursing care, helpful for daily care.



Yoshinori Kitade

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Physical therapist, assistance planner, Bengt Engstrom concept certified master

After working in the emergency room of the hospital, He transferred to current position in home rehabilitation and daycare, engaged in research of the effect of position and wheelchair seating on human posture. He has been active in a wide range of roles including seminar instructor and part-time instructor at medical/assistance related schools. He has written a number of manuscripts including "Care of Bedsores for Cancer Patients" (published by Japanese Nursing Association) and "Illustrated Nurses' Handbook of Positioning and Dietary Care to Prevent Accidental Swallowing" (Miwa Shoten).



Misako Funaki

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Occupational therapist, prosthetist, nursing care support specialist

After graduating from Kyushu Rehabilitation University, she worked in the Tokyo Metropolitan Disability Welfare Center and involved in rental and sale of assistive equipment at Funaki-Gishi, and later established a home repair business.

She founded assistive equipment manufacturing company I Sonex Co. in 2005, patented and developed a large number of products including Nasent Pad, Nasent Toilet, FC Cushion and Sky Lift.

design by Natsuko Katayama (I Sonex Co., Ltd.)



Basics of Positioning

Learning basic Knowledge of positioning

What is positioning?
Assessment of posture and environment • • • • • • • • • • • • • • • • • • •
Positioning to prevent bedsores •••••••••••••••••••••••
Positioning patient in lateral position • • • • • • • • • • • • • • • • • • •
Positioning for back raising posture • • • • • • • • • • • • • • • • • • •
Positioning for patients with higher muscle tone and arthrogryposis • • • • • • • • • • • • • • • • • •
Enhancing results of positioning • • • • • • • • • • • • • • • • • • •
Tips for choosing positioning products ••••••••••••••••••••••••••••••••••••

Practice Positioning

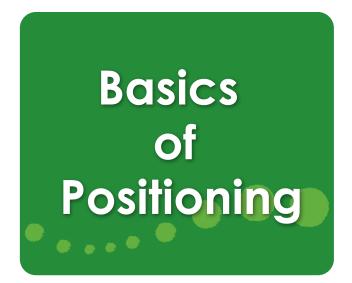
Learning from practice examples of positioning

Case Study I :Case of unilateral Paralysis ••••••••••••••••••••••••••••••••••
Case Study II:Case of kyphosis • • • • • • • • • • • • • • • • • •
Case Study III:Flexion Case of contracture in four limbs • • • • • • • • • • • • • • • • • • •
Case Study IV : Case of edema with pain on motion • • • • • • • • • • • • • • • • • • •
Case Study V:Case of cervical spinal cord injury kept in the same position
for a long time • • • • • • • • • • • • • • • • • • •

FAQs p27 Product Introduction -Nasent Cushion Series- p29







Learning basic Knowledge of positioning

This part provides fundamental knowledge and abilities of observation required for positioning. Fundamental knowledge of "pressure/shearing force", "observation of posture", "contracture and muscle tension" is essential for accurate understanding of conditions that occur in a person you care. Analyzing the causes responsible for the conditions requires ability to observe and assess human factors such as caregivers and the way care is provided, and physical environment such as beds, mattresses and wheelchairs; in other words, it requires an "ability to recognize."

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Let's take a first step toward learning the art of positioning.



What is positioning?



Objectives of positioning

By providing comfortable and stable posture that facilitates activities, preventing problems related to long-term bedridden people such as :

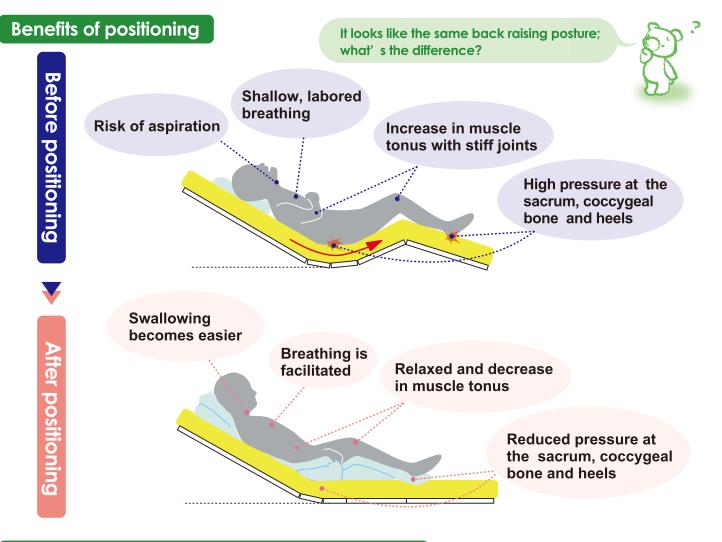
Preventing bedsores

- Maintaining and facilitating swallowing function
- Maintaining and facilitating respiratory and circulatory function
- Relaxing muscle tone and preventing deformation/ contracture of joints
- Providing relaxed posture

Definition of positioning

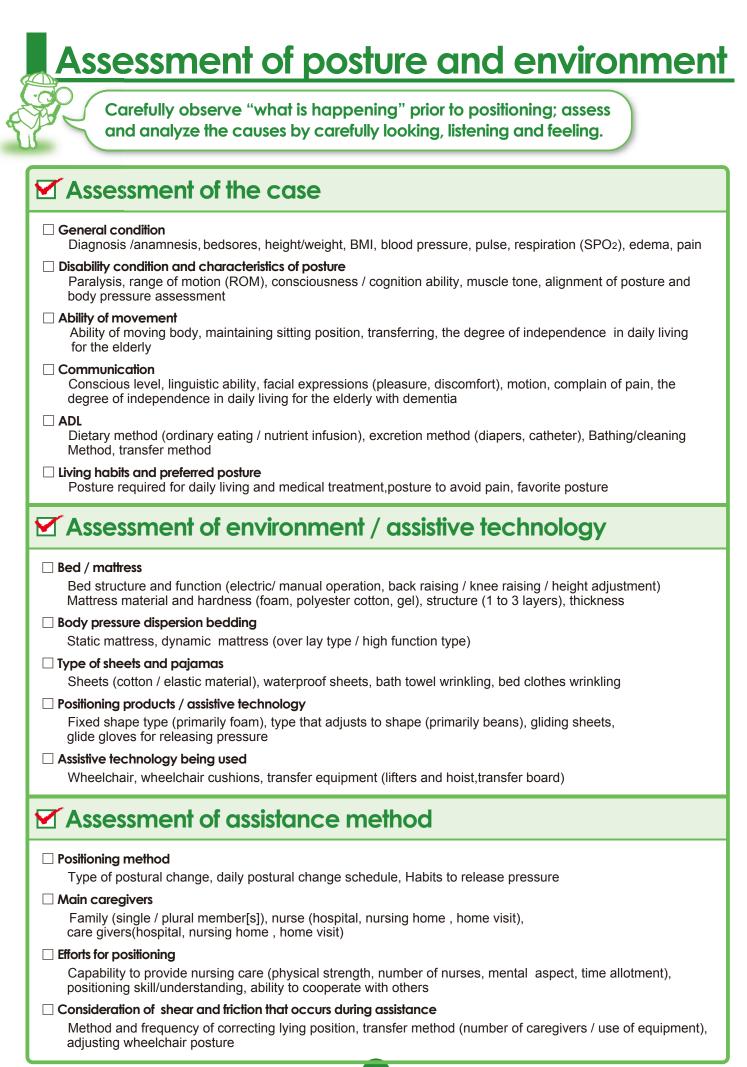
Setting relative positions of body parts for a person with motor impairments in order to maintain comfortable and safe posture (position) that suits the objectives of care by utilizing cushions etc.

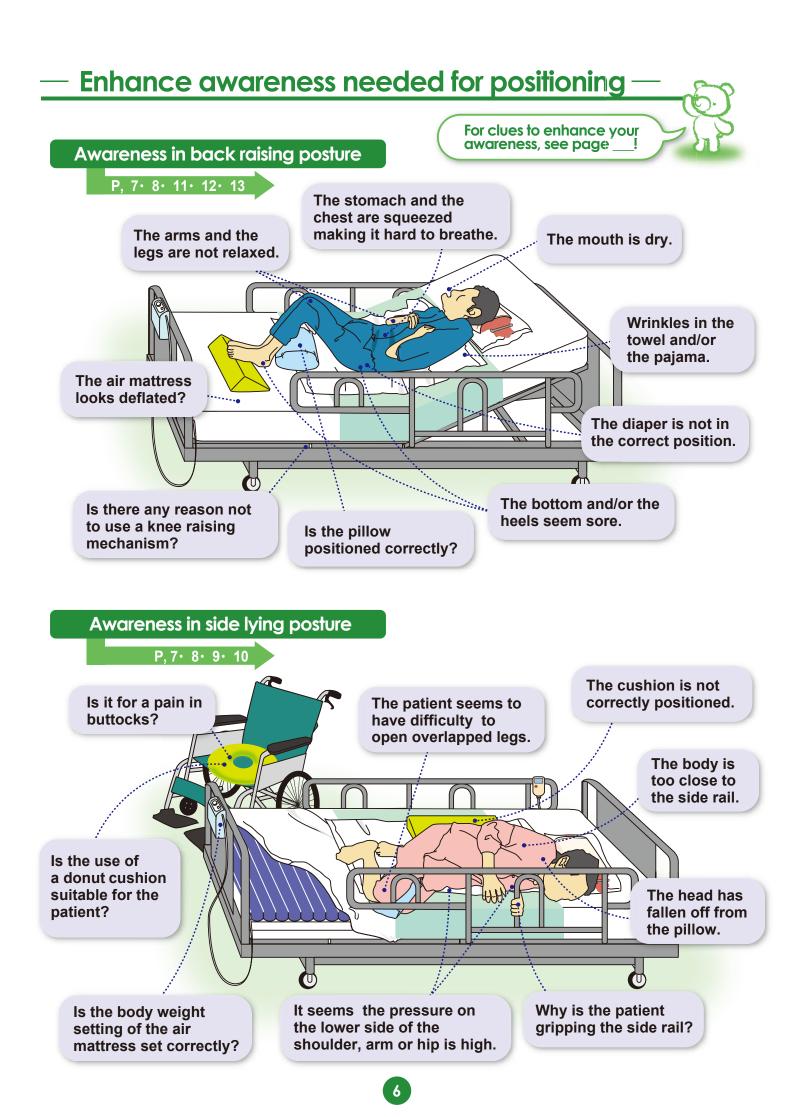
> ■Taken from website of Japanese Society of Pressure Ulcers (JSPU)



Correlation of postural change and positioning







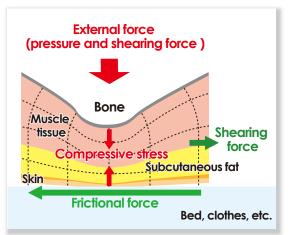
Positioning to prevent bedsores

What is bedsore?

Bedsore is a lesion that causes necrosis of skin and soft tissue caused by limits of blood flow to the skin and nearby tissues due to continuous external force (pressure + shearing force) on body parts in contact with a bed or a wheelchairs for a over a period of time.

What are the causes?

The direct cause is sustained pressure on the same area (particularly bony prominences). Indirect causes include shear or friction that occurs when a body slips during back raising or transfer, malnutrition or edema, underweight, unclean skin, etc.



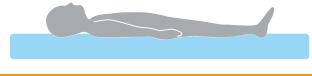
Pressure dispersion by using body pressure dispersion mattress

For people who have a higher risk of bedsores, use body pressure dispersion equipment to distribute body weight effectively.

It is important to set correct body weight with air mattress. If the mattress is too soft, the body sinks into the mattress and it negatively affects posture; if it is too hard, body pressure is not effectively distributed.

For people who are able to turn over on the bed without assistance

Static mattress (multilayered urethane laminated mattress)

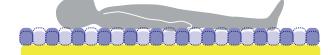


For people who are unable to turn over on the bed without assistance

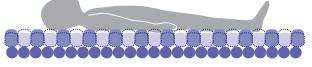
dynamic mattress(air mattress)

over lay type

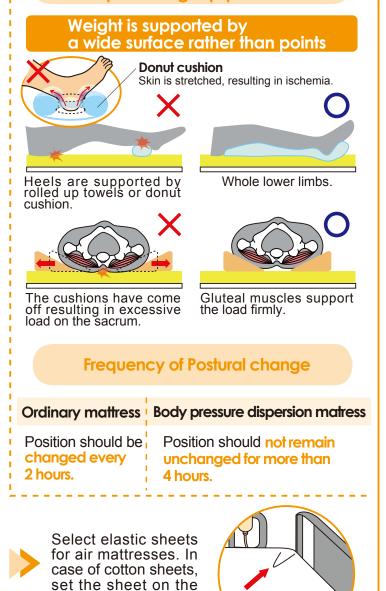
For those with moderately moderately evident bony prominences and already have bedsores.



High function type For those with multiple bedsores or bedsores of depth classification stage III/IV or more.



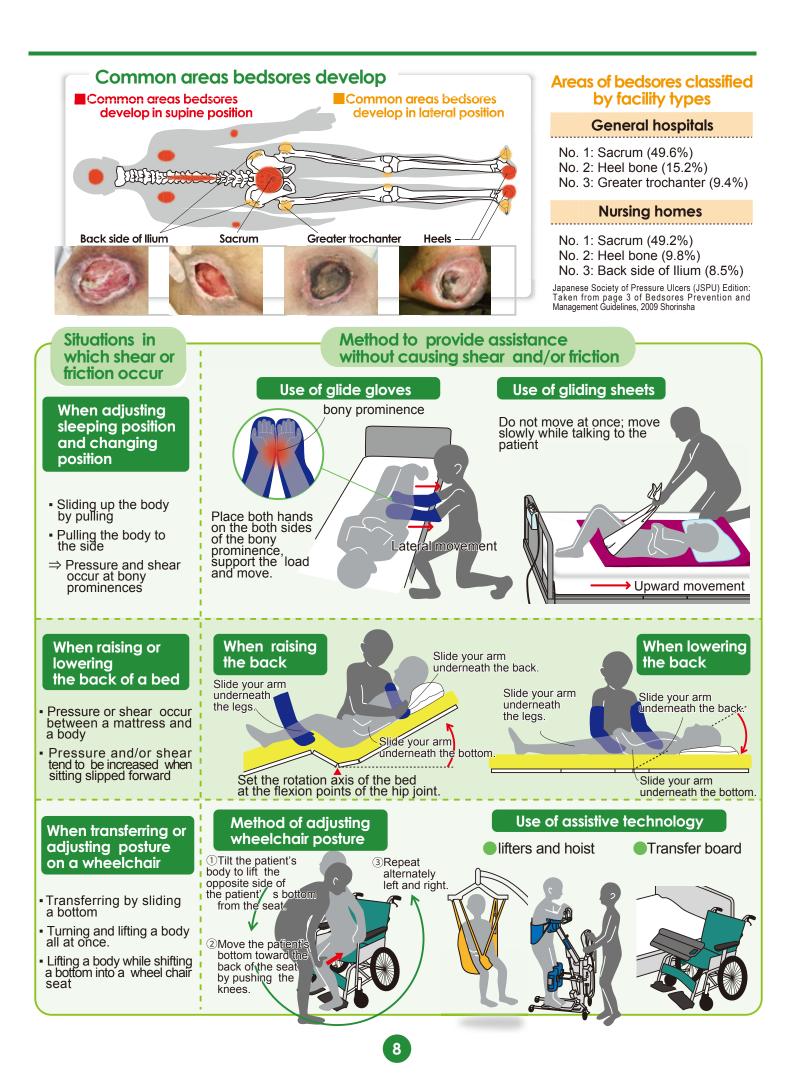
Body pressure dispersion using positioning equipment



In case of cotton sheets, do not set it tightly.

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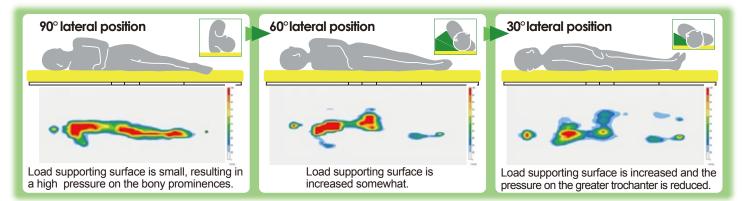
mattress loosely.



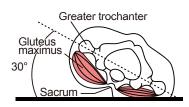
Positioning patient in lateral position

Load supporting surface and pressure

When positioning a patient in lateral position, because of the small load supporting surface, the load is concentrated on bony prominences (shoulder, greater trochanter, ilium, heels). It is important to set the patient' s back at an angle that reduces pressure on the bony prominences while widening the load supporting area.



Lateral position 30° rules



Lateral position under 30 ° enables avoiding putting pressure on the ilium and the greater trochanter, as well as enabling the body to be supported by the buttocks where bones are covered by muscles and fat .

Patients for whom lateral position 30° is not applicable

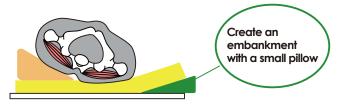


Lower inflation pressure air mattress is an option for emaciated patients and those for which lateral position 30° is not comfortable, as well as those who return to their favorite or preferred position.

How to make lateral position comfortable

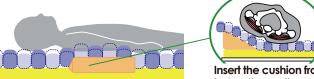
Make an embankment on the opposite side (embankment method)

Place a small pillow or a cushion underneath the opposite side of the mattress to reduce a gap and an unstable feeling caused by the inclined surface.



Performing postural change from below a body pressure dispersion mattress

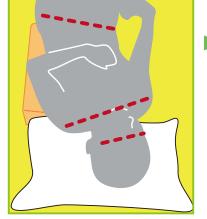
For people who feel discomfort or pain when directly being touched, insert a cushion underneath the mattress and make use of the performance of a body pressure dispersion mattress.



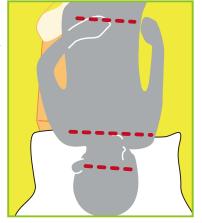
Insert the cushion from below the mattress

Correct posture alignment

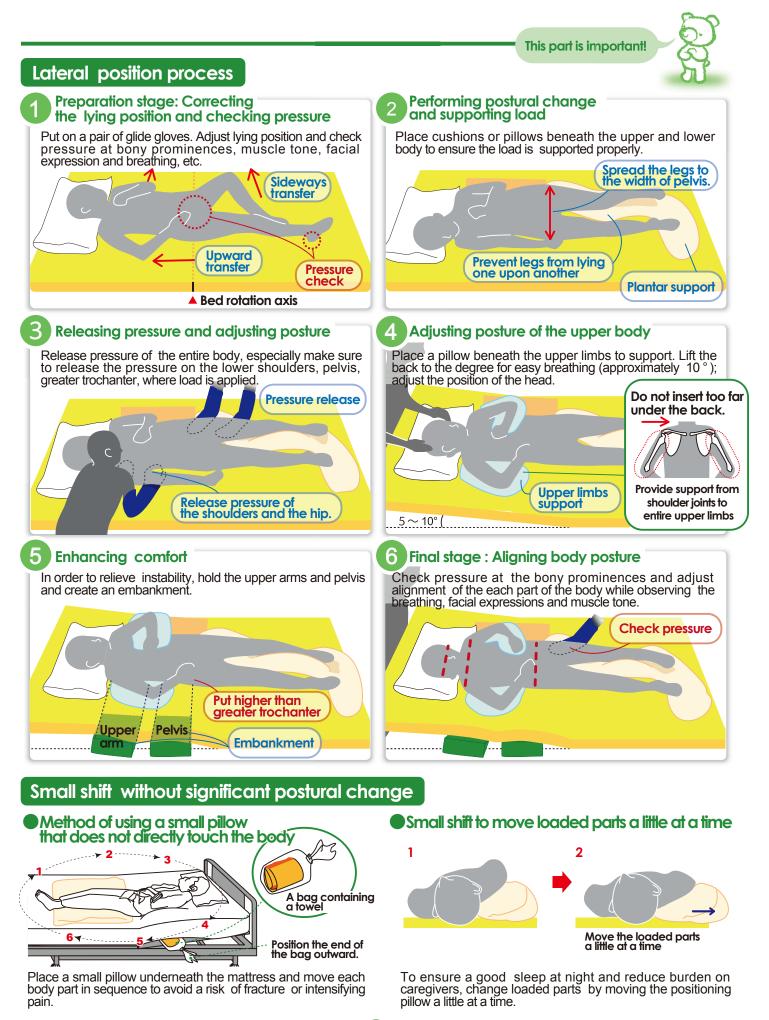
It is important to correct entire body alignment at the final stage of positioning. Especially, attention to upper limbs (head, chest, pelvis, upper limbs) is required as improper alignments may increase muscle tone, causing discomfort and breathing difficulties.



The lines that connect ears, shoulders on both sides and top/front iliac spine are twisting



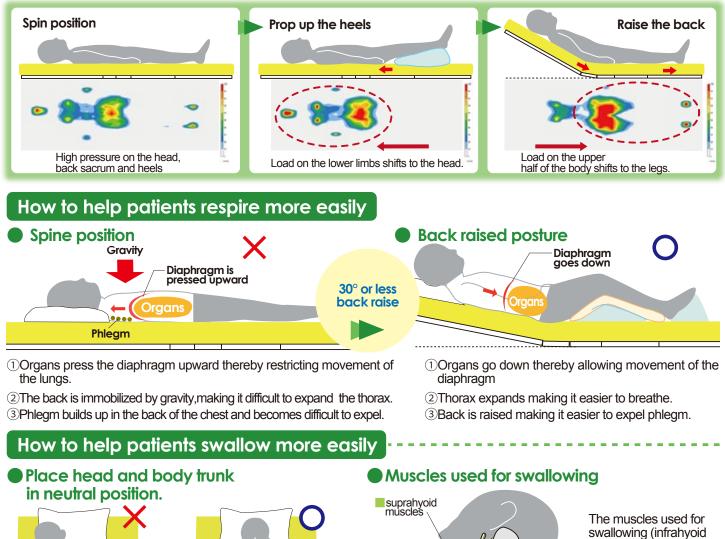
Adjust the lines that connect ears, shoulders on both sides and top/front iliac spine so that the lines parallel each other.



Positioning for back raising posture

shift of pressure points

When you relieve pressure from one point, it always moves to another point. Pressure points shift when raising or lowering a back of a nursing bed and performing positioning. Observe changes in pressure on the sacrum, coccygeal bone and heels when positioning a patient.





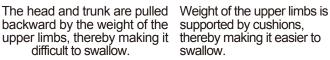


If the head and/or trunk are laid downward, the infrahvoid muscles are pulled, making it harder to swallow.

The head and trunk are kept in neutral position, thereby making it easier to swallow.

Support weight of the arms with cushions.

Arm weight by percentage



supported by cushions. thereby making it easier to swallow.

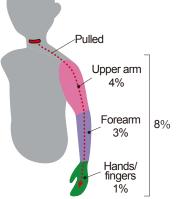
Weight of an upper arm, forearm and hand accounts for approximately 8% of the body weight. If not supported, the infrahyoid muscles are pulled upward via the shoulder blades and clavicle, thereby inhibiting movement of the larynx, impedes swallowing.

Hyoid bone

Infrahyoid muscles

Clavicle

Sternum



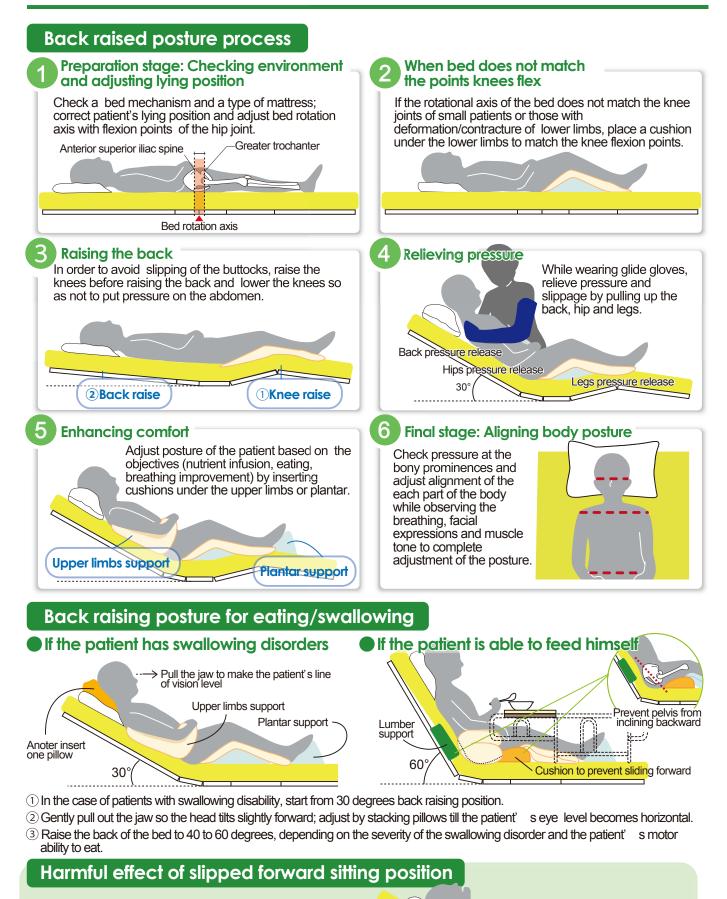
muscles, etc.) are

so they are easily affected by relative

positions of the head.

trunk and upper limbs.

anatomically connected to the clavicle, sternum and shoulder blades,

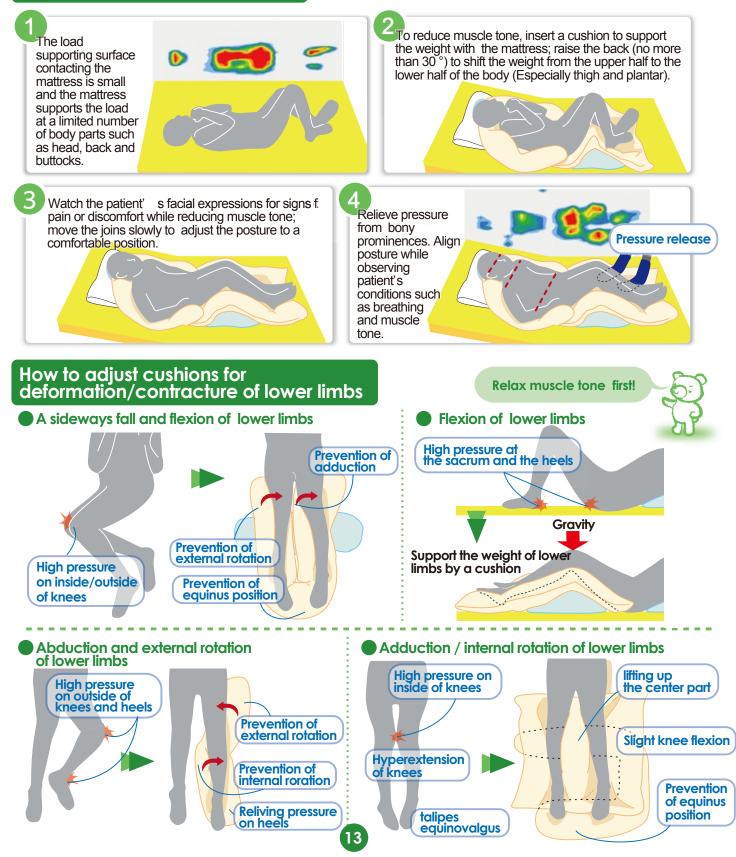


- ① Local increase in pressure and shear
- 2 Decrease in the mobility of head, trunk and joints of extremities
- 3 Excessive muscle tone of head, trunk and joints of extremities
- (4) Increase in accidental deglutition risk and respiratory distress
- **(5)** Increase burden for caregivers

Positioning for patients with higher muscle tone and arthrogryposis

In the case of patients with higher muscle tone and arthrogryposis (joint contractures), muscle tone is aggravated by pain and uncomfortable stimulation when you try to force the patient's arms and/or legs to correct the posture; it makes positioning more difficult against your intention. It is important to understand the process to avoid increasing muscle tone before trying to position the patient.

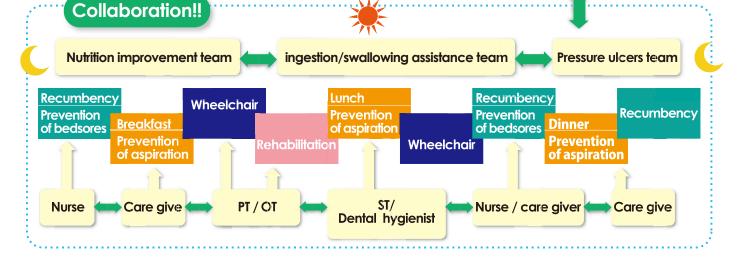
Muscle tone relaxation process



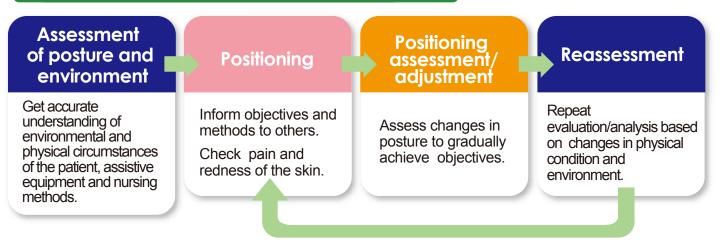
Enhancing results of positioning

Collaborate with other professionals

Positioning not only involves raising a bed, but rather requires considering what sort of posture is used for activities such as transfer,locomotion,eating,rehabilitation and so on.If objectives and/or methods of positioning vary, it is important to determin priority and share objectives with other professionals in a team. Home Family / care manager Assistive equipment consultant Home visit/ day care center staff



Review based on changes in posture or lifestyle



Sharing experiences is the best way to understanding positioning



It is difficult to understand and practice positioning by just reading textbooks.

Long term bed ridden patients understand the position of their body, pain and pressure applied to body parts using deep sensation and skin sensation with a lack of visual information.

By actually experience of a role as a patient being positioned, you can experience the pain, discomfort, muscle tone and uneasiness from the standpoint of the patient receiving care. Learning in a group with other professionals is strongly recommended.

Tips for choosing positioning products

Views to choose positioning products When selecting positioning products, it is important to consider mental and physical impacts of the equipment on mental, physical, physiological functions and choose products that makes a patient feel "comfortable" and "relaxed." Look, feel and experience to select the best products to provide comforatable life as much as possible when positioning.

Content material	Shape/ application	Cover	User-friendliness	Economy	easiness of maintenance
Softness	Adjusts to contour of body	Smooth to the touch	Does not take up space	Durable, not easily deteriorated	Can be washed in a washing machine
Maintains shape	Patient	Offers air permeability and does not get stuffy	dirt prevention (Waterproof cover)	Caregiver	Can be dried in a clothes dryer
no bottoming feeling	Conforms to body	Easy to absorb perspiration	Can be easily used without special training or skills	Low cost (Economical)	Applicable to infectious disease

What are the features of positioning equipment?

Can b		Shape/ application	Content material / characteristics	Cover	User-friendliness	Ease of maintenance		
Can be formed freely		 Can be adjusted to conform to body shape Multipurpose 	Polyester cotton chips (Soft) Can be shaped by moving chips	• Has a pleasant feel	 Takes space to some extent There is a need to learn how to use 	 Can be washed in a washing machine ; can be a dried in a cloths dryer Can withstand high temperatures up to 135°C 		
		Primarily lateral position	Special medium density, low		 Compact Easy to use; doesn' t require special training or skills 	 Cover can be washed in a washing machine or dried in a cloths 		
Fixed shape		Relief of pressure at bone prominences	resilience foam (Soft) Shape is predetermined so it can be used in the same manner by anyone.	 Polyester front surface with laminated waterproof rear surface 		 dryer Equipment and cover 		
		Prevention of slipping forward when raising back				can be washed together in hot water in excess of 100°C		
		Primarily spinal position / lateral position	Special high density, low resilience foam (Somewhat hard)			 Cover can be washed in a washing machine. 		
		Multipurpose equipment applicable to spinal position / lateral position/semi sitting (back raised) position	· ,	 Polyester material offering superior ventilation and perspiration absorption 		 Wash equipment with a neutral detergent. After spin drying, dry in the shadow. 		
		For adjustment of lying and sitting posture						

Practice of Positioning

Learning from practice examples of positioning

This part contains case studies to help to apply the knowledge and the skills of positioning you learned in the basic part to nursing and care practice. In order to put a positioning plan into action in your practice, we should take into account restrictions in medical management, burden on caregivers, provision of positioning and assistive equipment, and impact on other ADL, while obtaining understanding of other professionals.



Cooperators who provided the cases

Hakuai Okayama Social Welfare Corp., Okayama Hakuai Hospital Dr. Mutsumi Satake, Nursing Supervisor

Head of Rehabilitation Dept., Tomita Hospital Medical Corp. Hiroshi Tsuji, Physical Therapist



Hiroshima Prefecture Posture/ Activities Healthcare Research Association

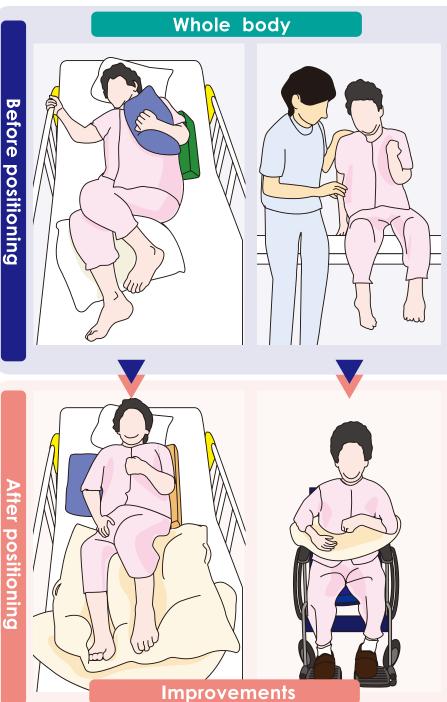
Yosuke Sato, Occupational Therapist Koji Takamoto, Occupational Therapist Yohei Tsuchiya, Assistive Equipment Consultant

Case Study I : Case of hemiplegia

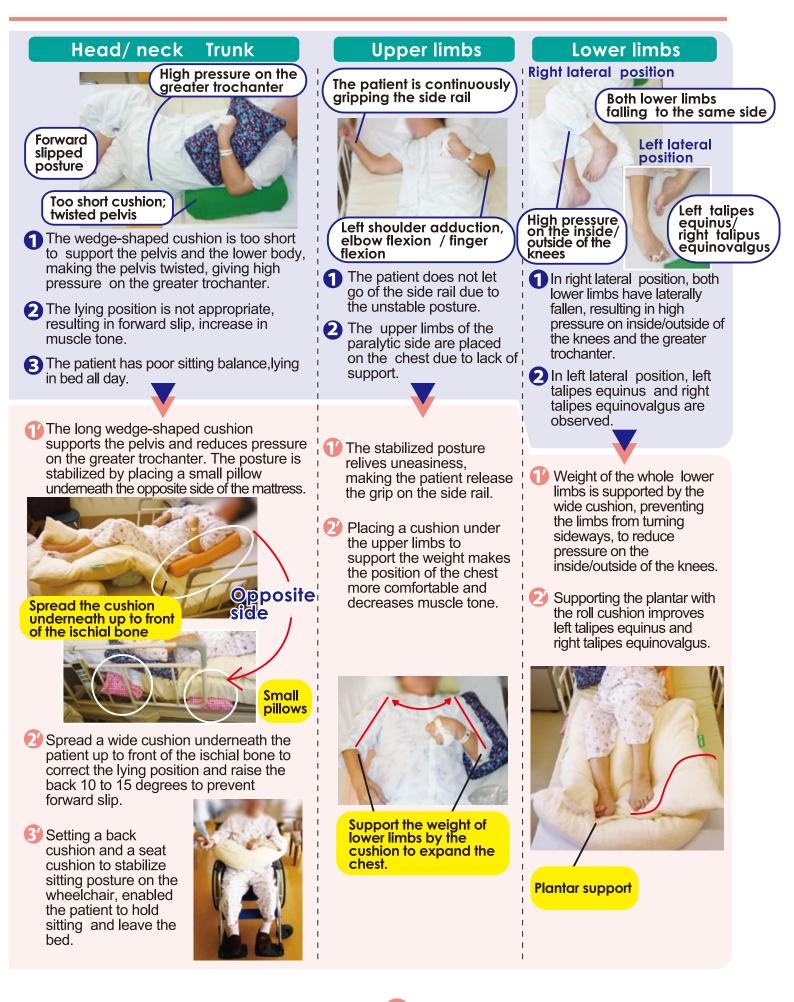
Basic information: Female, 65 years of age

Height: 148 cm, weight: 46.6 kg (BMI 21. 2). She was admitted to hospital suffering from left hemiplegia due to encephalorrhagia. Independence degree of daily living was B2, being able to hold sitting position with assistance, communicate in spite of hoarseness. Due to ingestion/swallowing difficulty,gastrogavageand ingesting/swallowing training of a jerry food has been conducted. . Spasticity on the paralytic side is strong; shoulder adduction, elbow flexion, finger bending contracture, hip flexion, talipes equinus have been observed . Also knee hyperextension on the non-paralytic side have been observed. She constantly grips a side rail with her right hand, resulting in increase in muscle tone and she complains uneasiness and pain when changing posture. Position is changed every 2 hours including lateral position and 30 degree back raised position. Assistive equipment before the intervention is a static mattress, a beads pillow and one nasent pad.





- ①Improving forward slipped posture by increasing supporting surface for the whole lower limbs reduced muscle tone, which can be confirmed by a facial expression of the patient and the fact that the patient can let go her grip of the side rail.
- ②Placing the patient in semi-lateral position by using a long wedge-shaped cushion implroved the torsion of the pelvis and reduced pressure on the greater trochanter.
- ③By supporting the plantar and holding the both legs in neutral position, conditions such as both legs laterally falling, left talipes equinus and right talipes equinovalgus have been improved.
- (4) The patient spending most of the day in the bed was encouraged to leave the bed, thereby she is now able to spend approximately an hour a day sitting in a wheelchair at a day room.

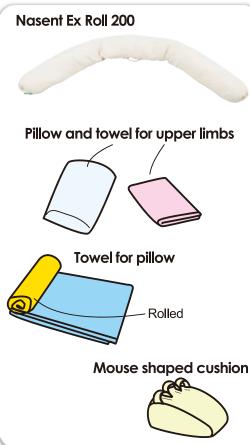


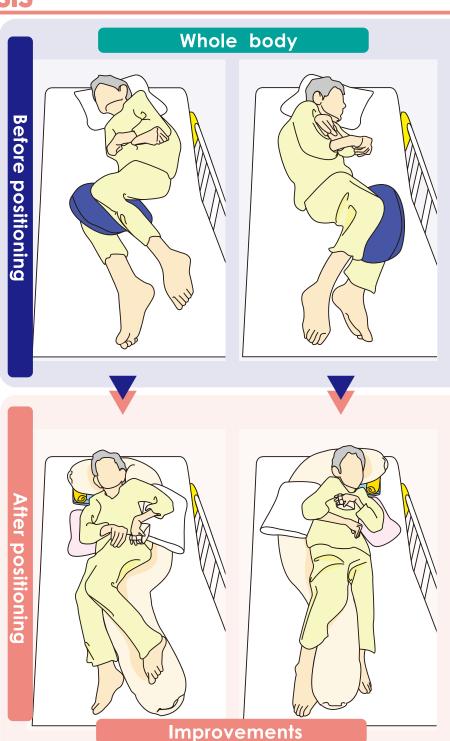
Case Study II: Case of kyphosis

Basic information: Female, 87 years of age

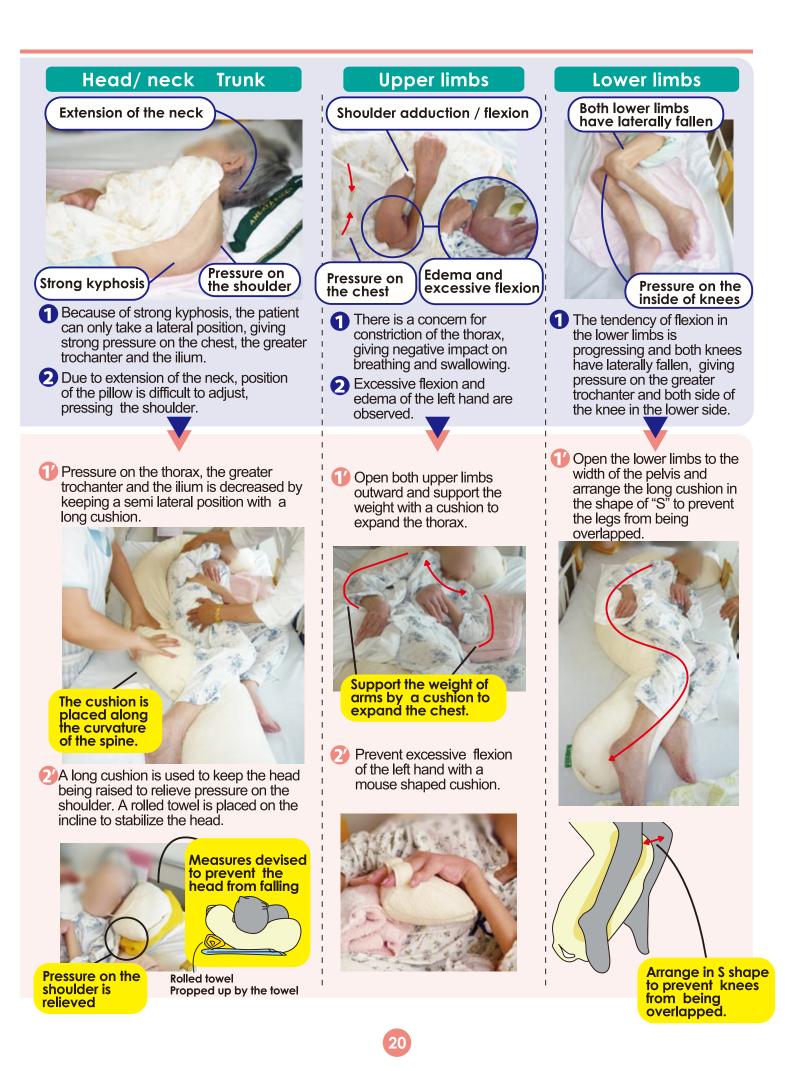
Height: 144 cm, weight: 23.4 kg (BMI 11.2). She was admitted to the hospital due to chronic renal failure and cerebral infarction sequelae. Independence degree of daily living was C2, being unable to communicate. The patient currently does not have bedsores, but has strong kyphosis and bony prominences are evident due to emaciation.

Internal rotation, adduction and flexion contracture of the upper limbs, internal rotation, adduction and flexion of the lower limbs are observed, and flexion contracture of the elbow and knee are gradually progressing. Her position is changed every two hours and nasoenteric feeding with back raised 30 degrees has been used. Assistive equipment before the intervention is a dynamic mattress, a Nasent pad, a beads pillow on the market (1 each).





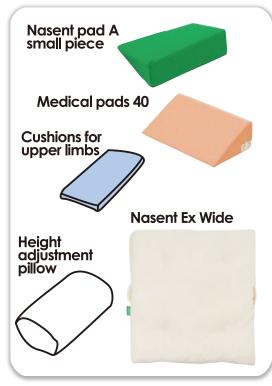
- ①Pressure on the shoulder and the greater trochanter has been reduced and the load supporting area has been expanded by switching from a full lateral position to a half lateral position.
- ⁽²⁾By spreading the upper limbs folded on the chest and supporting the weight of the arms on a cushion, the thorax is expanded, facilitating breathing and comfortability.
- ③Keeping the hip joints spread to the width of the pelvis prevents internal rotation/adduction of the hip joints and reduces pressure on the inside of the knees.

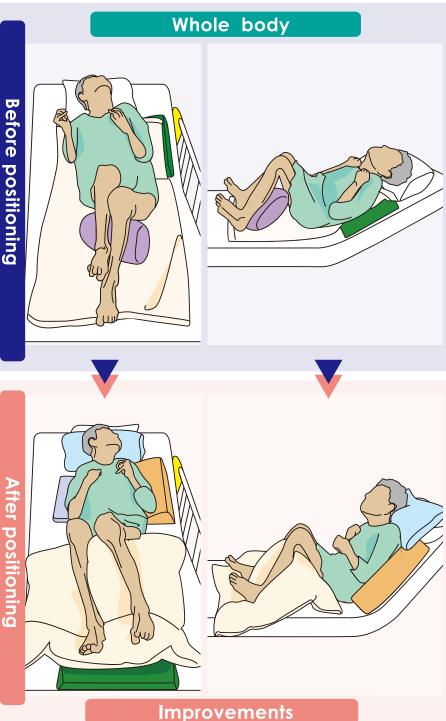


Case Study III: Case of flexion contracture

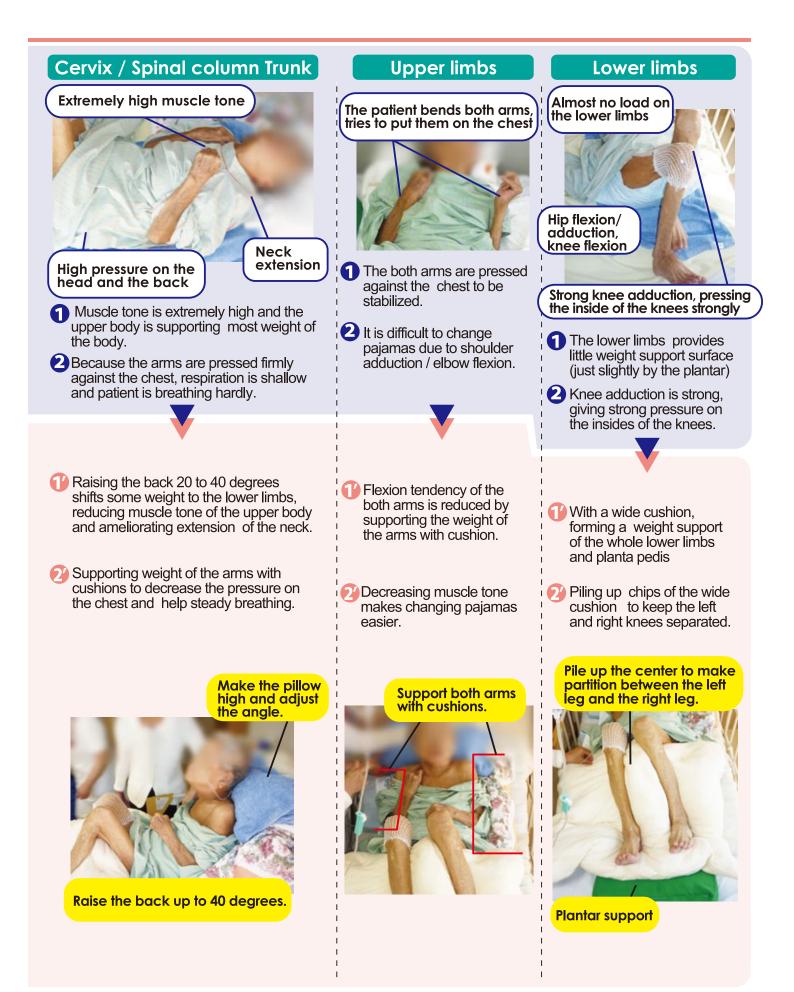
Basic information: Female, 92 years of age

Height:153 cm, weight:41.2 kg (BMI 13.4). She was admitted to the hospital due to diabetes, heart failure, and multiple cerebral infarctions. Independence degree of daily living is C2, being not capable of changing a position without assistance and communicating with others. Patient's her position is changed every 2 to 3 hours. Nasoenteric feeding is conducted at a 40 degrees back raised position. Muscle tone of the whole body is extremely high; neck extension, shoulder adduction, elbow flexion and hip/knee adduction/flexion have been gradually progressing since admission. Shoulder joints, hip joints and knee joints are stiff, making it difficult to change clothes and diapers. Assistive equipment before the intervention is a three-motor-powered bed with a dynamic mattress laid on top a hard bed mattress, a wedge-shaped urethane cushion and 2 beads pillows on the market.





- (1)By inserting a cushion that supports the entire lower limbs and keeping 20 to 40 degrees back raised position, the load supported only by the upper body got additional support by the femur and the plantar, relieving muscle tone of the whole body.
- ②For the purpose of reducing burden of caregivers when changing diapers, the joints of the lower limbs are kept in a neutral position as much as possible to prevent deformation and contracture.
- ③In order to make the patient breath easier and more steadily , the arms are prevented from being pressed firmly against the chest by supporting the weight of the upper arms with cushions.



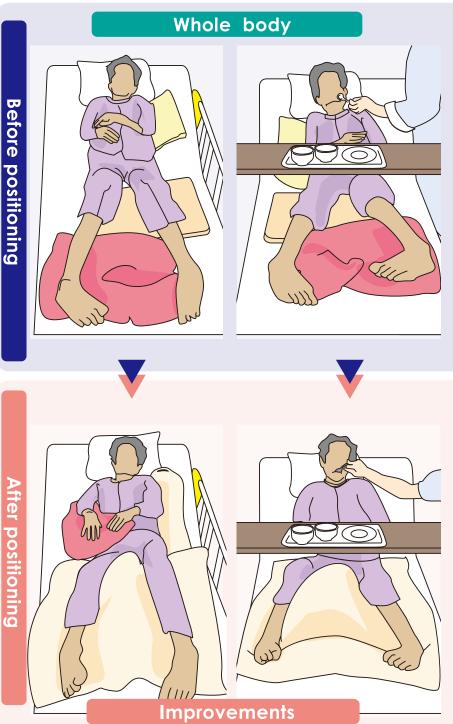
Case Study IV: Case of edema with pain on motion

Basic information: Female, 86 years of age

Height:144 cm, weight:34.6 kg(BMI 16.6). She was admitted to the hospital due to post-hepatic encephalopathy disuse syndrome. The patient has hyperammonemia, lumbar compression fracture, etc in her medical history. Independence degree of daily living is C2, being incapable of changing position without assistance; position is changed every 2 to 3 hours. Muscle tone of the whole body is high; flexion and adduction of upper limb, extension, adduction / internal rotation / plantar inversion of lower limb are observed. Since the admission to the hospital, body tone, pain and arthrogryposis have been progressing, and the patient strongly complains about pain when changing diapers The patient is losing an ability to feed on her own gradually; at the moment, total assistance for eating is required. Assistive equipment used for the case is a dynamic mattress,

a wedge-shaped urethane cushion and a beads pillow on the market.





- ①The pain has been reduced and relaxed facial expression was observed.
- ②Improvement of the slipped forward sitting position relieves pressure on the chest and the abdomen, stabilizes respiratory condition and stimulates feeding.
- ③The pain on motion was reduced, making the diaper change easier.
- (4) The hip extension, adduction and medial rotation were improved; particularly the internal rotation tendency of the right lower limbs is reduced when the back is raised.
- ⑤The edema of the legs are improved.

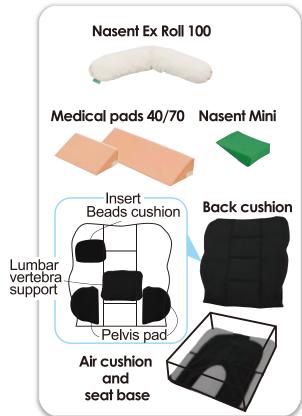
Head/ neck Lower limbs Trunk **Upper limbs** 0 1 Shallow, fast breathing Muscle tone is extremely SP02/HR/RŘ: high; shoulder adduction 89-91/68 - 74/23 and elbow flexion make shoulder abduction difficult. 2 Eating in the forward slipped sitting posture. High muscle tone Internal rotation is extremely strong **Neck flexion** 2 Pain is caused by touching Forward slipped Edema of foot sitting posture Muscle tone was relieved and 7 Muscle tone decreased Improvement of hip movement of the chest when breathing and the complaints adduction/internal rotation is was improved by setting the patient in about pain decreased as observed;particularly the semi-lateral position with a long well. The arms were tendency of the right lower cushion and supporting the entire managed to be placed limb toward internal rotation lower limbs with a wide cushion. on the cushion. at the back raised position SPO2/HR/RR:93-95/68/16 has reduced. Place the arms on the cushion and expand the chest. **Reduced internal** rotation tendency 🔗 Slippage during feeding has been resolved by spreading a wide cushion up to the ischial bone to support the Edema of foot has been soles. ameliorated. Supporting the soles.

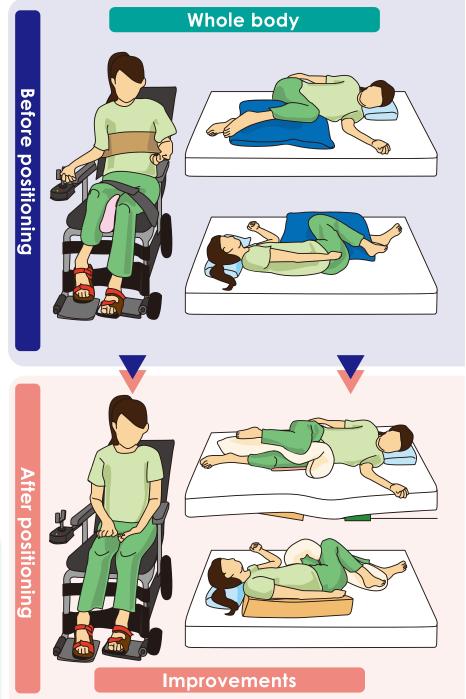
Spread up to the ischial bone

Case Study V: Case of cervical spinal cord injury kept in the same position for a long time

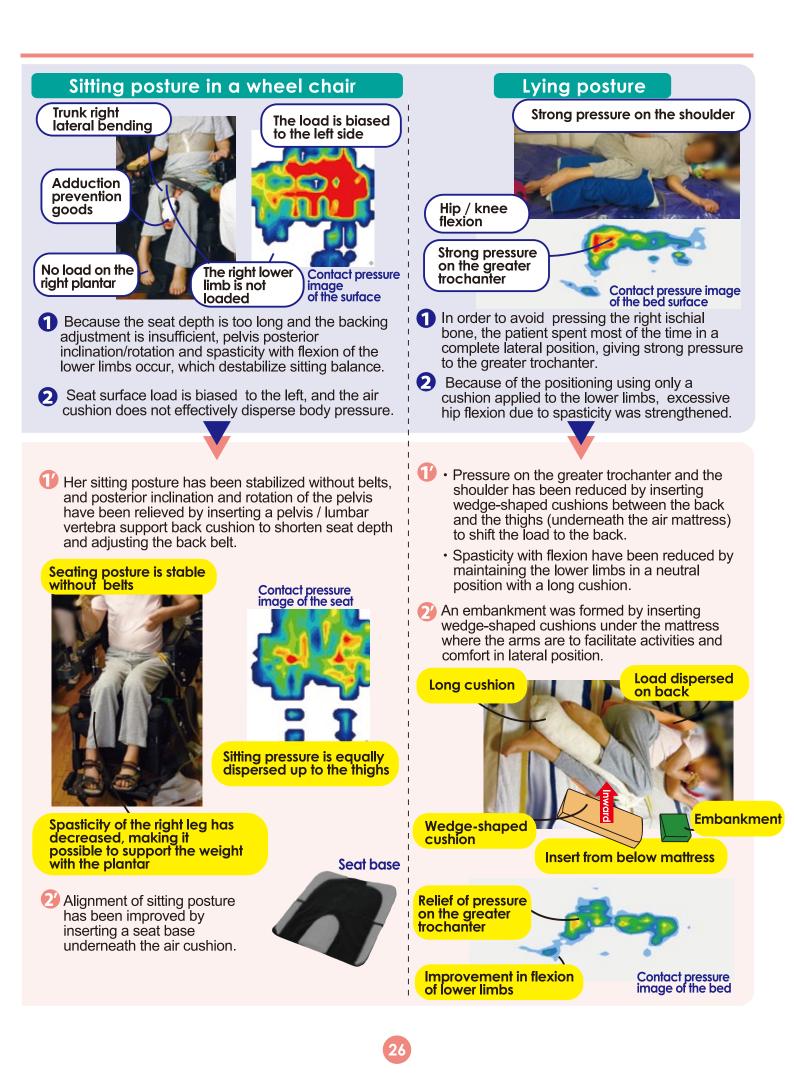
Basic information: Female, 52 years of age

A cervical cord injury (C5) patient due to an automobile accident at age 19 that left her quadriplegic has been living at home for 5 years. There is a history of bedsores on the sacrum and the left ischial bone, and newly developed bedsores on the right ischial bone (depth III) ten months ago. Except going out for medical examinations using an electric power wheelchair, she stays in a lateral position on bed all day. Body position is changed twice a day by home visits. She spends 16 hours from morning to bedtime in left lateral position; sleeps in a right lateral position. There is a need for support to obtain an ability to manage her posture independently collaborating with home care workers. Assistive equipment used for the case is a reclining electric powered wheelchair, a nursing care lift, a 2-motor electric bed and a dynamic mattress.





- ①Setting a rear cushion and a seat base on the electric powered wheelchair improved sacral sitting; Sitting posture was stabilized even without belts fastened.
- ⁽²⁾The patient has obtained an ability to shift the load by swaying trunk from side to side in order to relieve pressure while sitting in the electric powered wheelchair.
- ③Switching posture from the original complete lateral position to a semi- lateral position has reduced pressure on the greater trochanter, stabilized the upper body and increased mobility.
- ④Making contact pressure visible by the pressure distribution measuring system has given the patient and home care professionals (home nurses, caregivers, etc.) an opportunity to understand positioning better.



FAQs



How can muscle tone be relieved?

Do you consider alignment balance of the whole body when performing positioning?

Is there any case such as relieving pressure on the heels and the sacrum resulted in making the upper body support the whole load or inserting wedge-shaped cushions behind the back to keep lateral position resulted in making the body axis twisted in an unnatural posture? Muscle tone may be an expression of discomfort from an unnatural posture. Assess and analyze causes of increased muscle tone.



Only lower limbs fall sideways, pressure on the greater trochanter and the hips is concerned.

A Is the load of the lower limbs well supported by positioning pillows?

In the position that lower limbs are turned to the same side, pelvis tilts along with the weight of the legs, twisting the body and giving pressure on the chest. This not only gives pressure on the greater trochanter and the inner side of the knees, but has a negative impact on respiratory and swallowing fanction as well. To improve this condition, return the pelvis to the



neutral position and prevent the legs from falling sideways by firmly supporting the weight of the lower limbs with a cushion. After doing so, try raising the back of the bed 10 to 15 degrees to shift the weight to the lower limbs.

The patient holds a side rail and do not release the grip

Is the current position making the patient feel uneasy or uncomfortable?

For example, is there anything that comes to your mind such as the mattress is too soft, the lateral position or the back raised position is making the patient almost falling out of the bed, postural change or transfer assistance that does not go with the self-motion perception of the patient or the patient is trying to avoid pain/pressure?



Provide a patient a comfortable positioning with a sense of security by a comprehensive assessment of a mental and physical condition, surrounding environment and assisting techniques applied.



An air mattress has been introduced due to bedsores on the greater trochanter on the right side, but they are not recovering.

Do you raise the back of the bed with the patient in a lateral position?

Bedsores tend to occur on the right side greater trochanter if the back is raised with the patient in a lateral position in order to prevent aspiration when nutrient is being infused. Check if there is pressure on the greater trochanter due to the excessive inclining of the



pelvis when the back of the bed is raised, or if there is friction or shear due to forward slippage. In the case of intense pressure, position the patient in a semi-half lateral position to decrease inclining of the pelvis to prevent pressure on the greater trochanter. In addition, insert a pillow from the front of the ischial bone to the lower limbs to prevent forward slipage when the back is raised.

Using positioning pillows in summer caused miliaria.

Don't you surround the patient's body with a lot of positioning pillows?

Surrounding the patient's body with a lot of positioning pillows in a hot season stores heat inside and could cause miliaria. Particularly beads cushions ss that change its shape along to the shape of the body tend to store heat. In this case, it is necessary to consider forming a space or lifting a body to let the heat to escape. The temperature around the beds near a window can be higher than around an exit, so it is important to adjust the direction of the wind from the air conditioner or provide skin care to prevent miliaria.



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Each caregiver performs positioning differently. How can the skill of all the caregivers be enhanced?

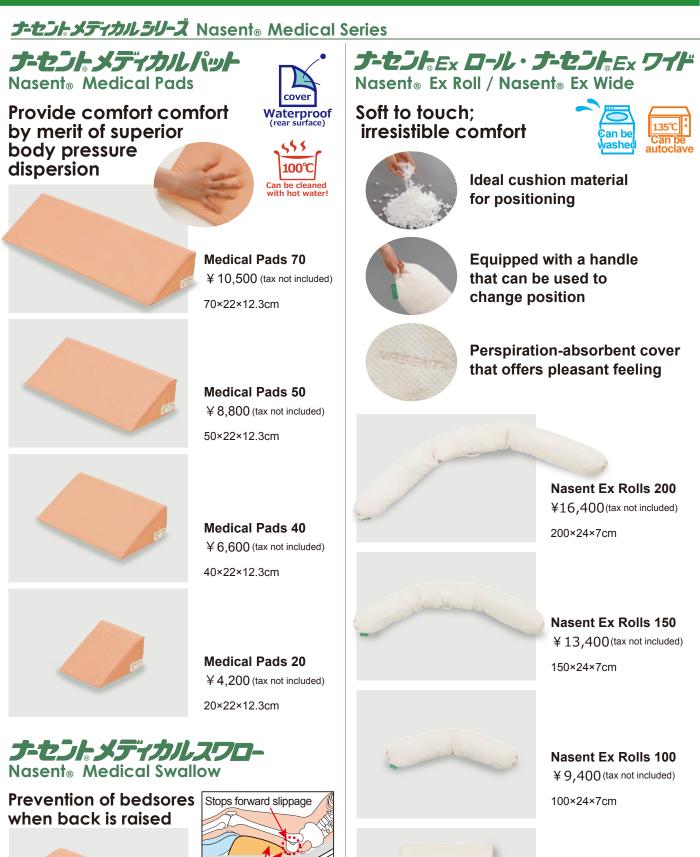
Have positioning pillows been selected from a standpoint of the cared person?

Caregivers may be confused if there are too many different types of assistive equipment. Try to minimize the types of assistive equipment used. In keeping with this, select simple types that are widely applicable and easy to use for caregivers in experiential learning. Experiential learning is essential for enhancing skills as it can offer experiences of discomfort, pain, tension and uneasiness from a standpoint of a cared person.





Product Introduction Nasent Cushion Series







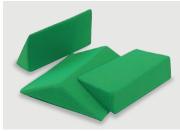
Nasent Swallow ¥7,200 (tax not included) 50×25×10.5cm

Nasent Ex Wide ¥ 15,800(tax not included)

70×80×5cm

ナーセントパット Nasent® Pads

Compact size pads can be used for wheel chairs, combined freely; applicable to all kinds of positioning



Nasent Pads A Set of 3 ¥ 25,000(tax not included)

Large×1:40×40×10cm Small×2:40×20×10cm



Nasent Pads A Set of 2 ¥ 12,600 (tax not included)

Small×2:40×20×10cm



Nasent Pads L50 ¥ 8,200 (tax not included) 50×20×10cm



Nasent Min Set of 4 ¥ 19,200 (tax not included) 26. 5 × 21 × 8cm



Nasent Min Set of 2 ¥ 10,000 (tax not included)

Color : Peppermint Green

26. 5 ×21×8cm

Waterproof cover available for all Nasent Pad products

- Waterproof laminated rear surface
- Aqua-dry construction offers perspiration absorbency and quick drying
- Sterilized

Comfortable long cushions fit body snugly





Nasent Rolls L ¥ 16,800 (tax not included)

168×φ20cm



Nasent Rolls M ¥ 12,800 (tax not included)

150×φ15cm

Keeps both knees in correct position Knee positioning pillow





Nasent Knee Supports Set of 2 ¥ 19,000 (tax not included)

W23×D31×H22cm

Facilitates turning over Waterproof rear surface





Light Turn Standard Type ¥ 22,500 (tax not included)

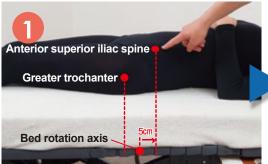
W43×D13×H39cm

ナーセント。メディカルレパット Nasent。 Medical Pads

Example of use

Lateral position (to distribute the pressure on the sacrum)





Correct patient' s lying position and adjust bed rotation axis with flexion points of body. (5 cm below the anterior superior iliac spine) When rotational axis of the bed does not match the knee joints of small patients, release the knee-up mechanism of a electric bed

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Insert "Medical swallow" to the base of the thigh.

31



Medical Pads 50×2

Medical Pads 40

Put a pillow so as to support the entire lower limbs to reduce the pressure of the heels.





on the bony prominences is released

Medical Pads 40

Bed bath when changing a diaper



Example of use

Lateral position









Lateral position in consideration of the pressure dispersion of pelvis and lower extremities





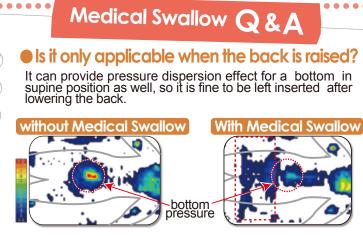
Holding good functional position of lower limbs



•



Raise the back to angle to fit the purpose. After raising the back and lowering the back, make sure to release the pressure.



To what degree of back raising the pressure dispersion effect can be provided?

The pressure dispersion effect for a bottom is provided in the range of 60 degrees back raised position to supine position. However, the effect is reduced at more than 60 degrees.

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buttocks and legs with glide gloves.

33

30°



Example of use



Tilt the convex part of "light-turn" toward the foot, put the legs on the dent.





Turning up "light-turn" and put the knees in the dent.





Push the "light-turn" and the patient's shoulder to turn over.







It keeps your hands being used freely!

When the handle of "light-turn" fixed by s-hock or a string, excretion care is easily performed.









To hold posture when performing disimpaction





See the video! http://www.nasent.net ナーセント Search

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• Product specifications and price are subject to change without prior notification.