



**Meddo**



## **MEDDO CEILING LIFT SYSTEM**



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# Nursing applications

# Training Applications



## Safe transfer

How to avoid accidents such as falling out of bed and falling off of pipes is the focus of attention during the transfer of ICU patients. Meddo ceiling lift system uses a flat sling to safely transfer critically ill patients, ensure safety during the transfer process, and avoid potential safety hazards.



## Weight management

Accurate fluid management is the basis for the successful treatment of critically ill patients. By regularly monitoring the changes in the patient's weight, it is not only possible to judge the changes in the patient's condition and the changes in the amount of fluid intake and output, but also to evaluate the patient's nutritional status.



## Turnover care

The treatment and care of pressure sores is an important problem. Regular turning over is one of the effective measures to prevent the occurrence of pressure sores. With the help of Meddo ceiling lift system, a single person can be easily turned over, which reduces the occurrence of pressure sores and reduces labor costs.



## Early exercise assistance

The weight-reducing accessories of Meddo ceiling lift system can help patients with muscle strength below level 3 to perform early passive or active training in bed; the lifting function of Meddo ceiling lift system can help patients perform passive joint activities to prevent joint stiffness and muscle atrophy.



## Respiratory position management

The sitting sling and four-point hanger tilt adjustment (0–85 degrees) can help ICU mechanically ventilated patients to achieve various postural breathing training or postural drainage, prevent the occurrence of aspiration pneumonia and atelectasis, and improve the success rate of patients being taken off the machine.



## Muscle strength training assistance

Through Meddo ceiling lift system to assist muscle strength training, muscle strength can be enhanced, muscle function can be improved, and the incidence of complications can be reduced. Muscle strength training can also improve the patient's cardiopulmonary function and help accelerate the recovery process.

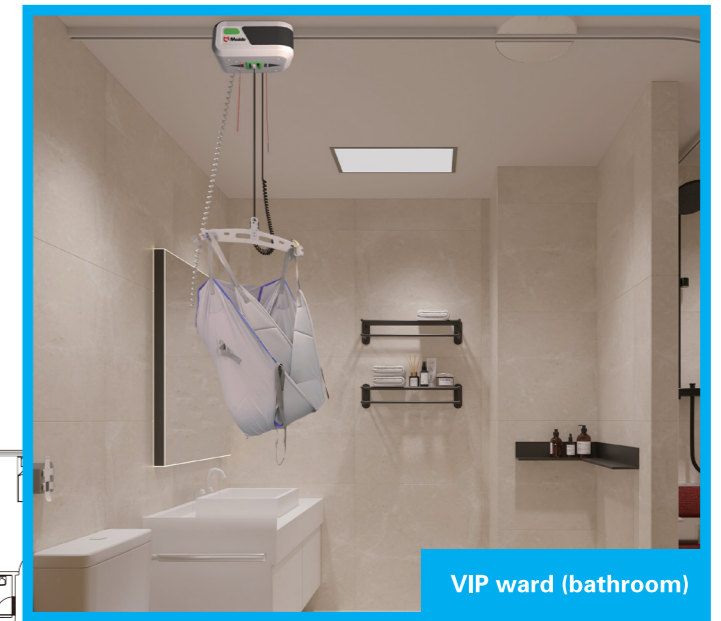
# Application scenario of critical care ICU



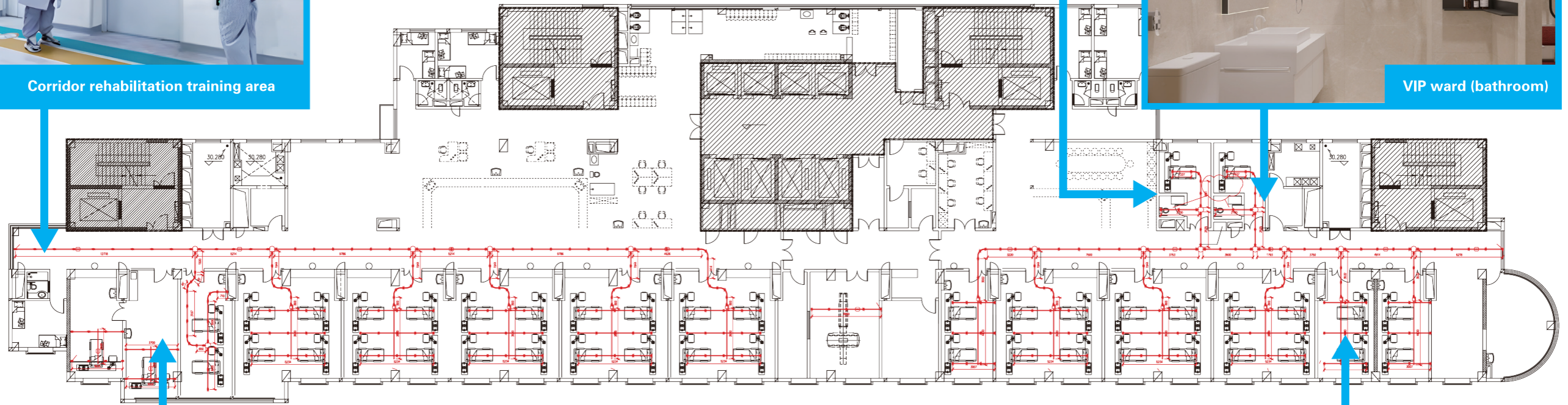
Corridor rehabilitation training area



Single ward



VIP ward (bathroom)



Single ward (negative pressure ward)



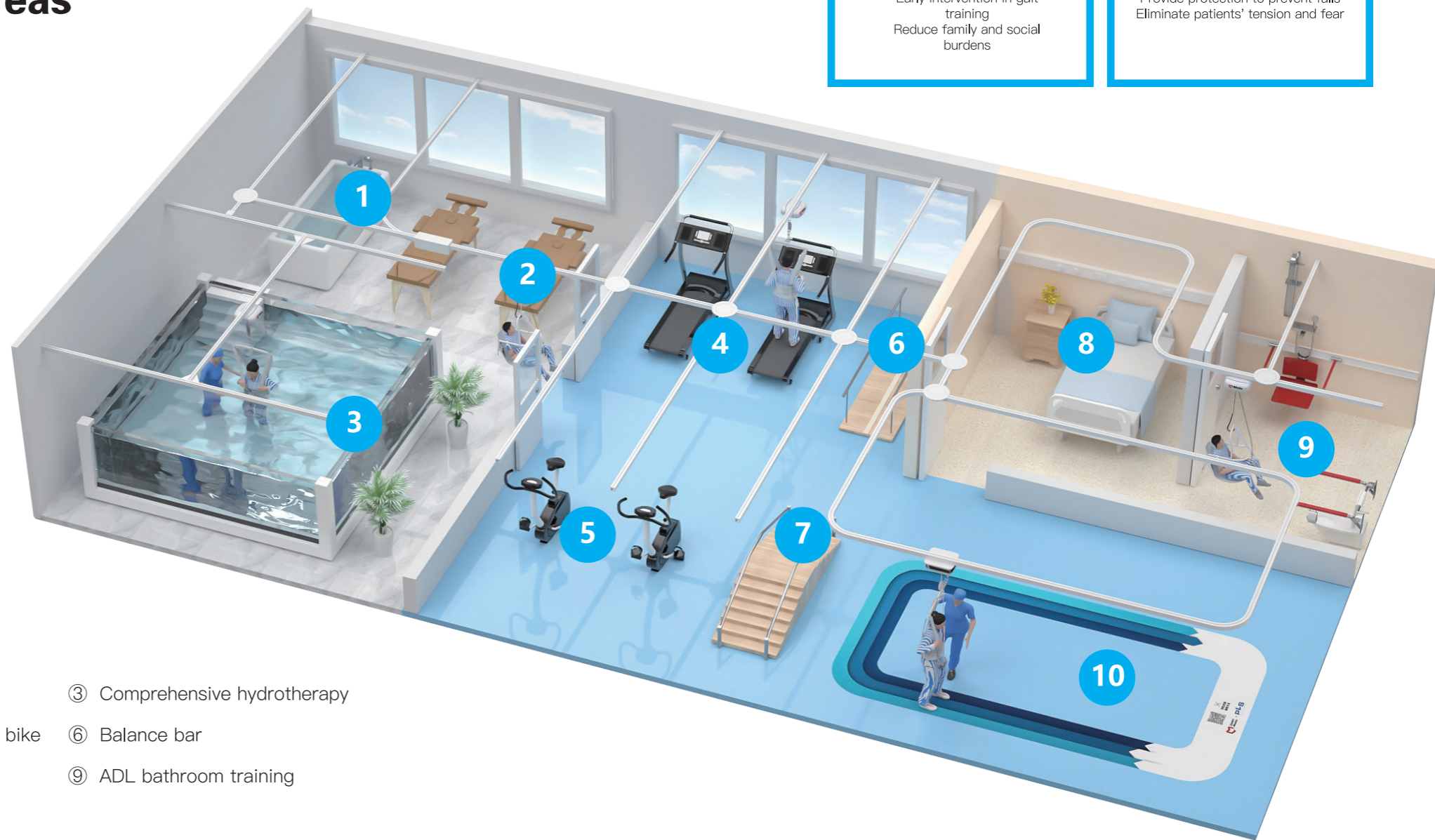
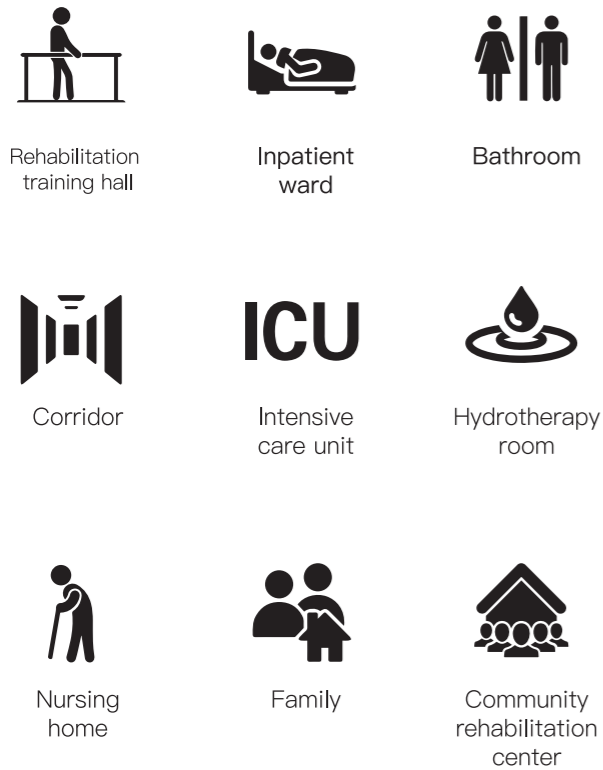
Multi-person room

\* The red part is the area covered by the ceiling lift system rail track

# Application of Meddo ceiling lift system in rehabilitation department

Meddo ceiling lift system is formed into a track system in a flexible way to help patients safely transfer to different functional areas in rehabilitation institutions and assist medical staff in achieving efficient care. The dedicated rehabilitation hoist cooperates with a variety of rehabilitation equipment to achieve a variety of training programs. The patient's position can be adjusted through a special suspension frame for rehabilitation treatment on/beside the bed, and a variety of scene slings can enable patients to stand up, walk and ADL training.

## Various application areas



- ① Single hydrotherapy    ② Manual therapy area    ③ Comprehensive hydrotherapy
- ④ Training treadmill    ⑤ Rehabilitation power bike    ⑥ Balance bar
- ⑦ Training ladder    ⑧ Bed unit    ⑨ ADL bathroom training
- ⑩ Dynamic weight loss walking training area

**Weight loss support**  
 Reduce the burden on the lower limbs, Complete walking and balance training

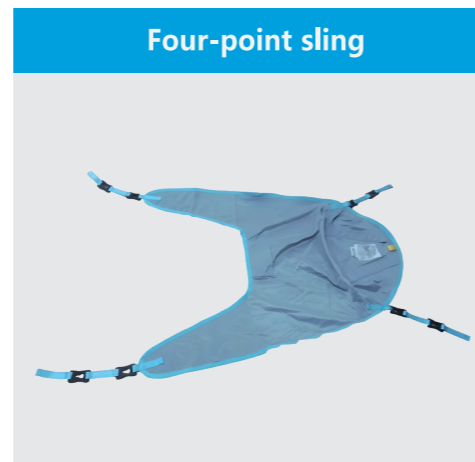
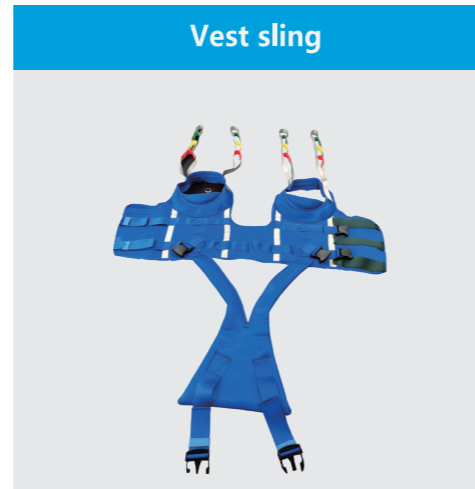
**Correct pathological gait**  
 Regulate the tension of lower limb muscles  
 Avoid and relieve pathological gait  
 Increase the range of motion of lower limb joints  
 Improve walking ability

**Stabilize the center of gravity**  
 Symmetrical distribution of the center of gravity  
 Reduce the load of muscle contraction  
 Improve walking stability

**Early bed rehabilitation**  
 Weight loss walking safety protection  
 Early intervention in gait training  
 Reduce family and social burdens

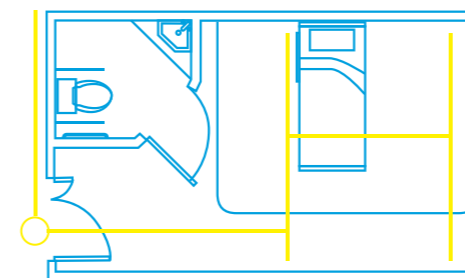
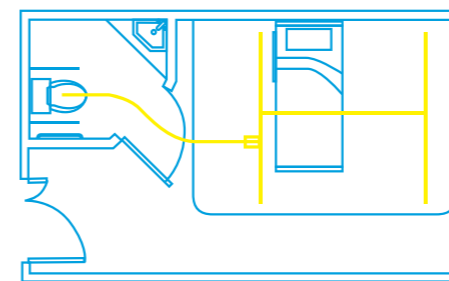
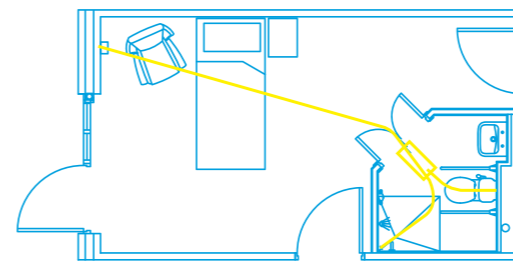
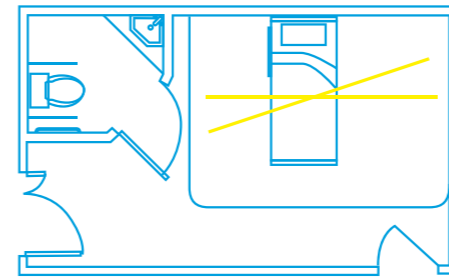
**Anti-fall protection**  
 Increase balance stability  
 Provide protection to prevent falls  
 Eliminate patients' tension and fear

# Important components



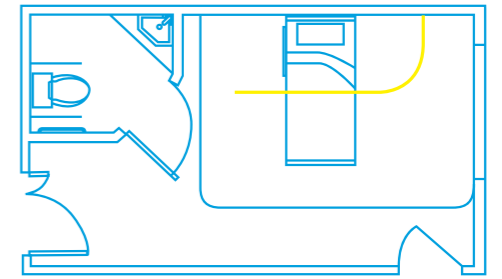
## Linear monorail

Help users transfer to multiple areas.



## L-shaped track

Expand the range of the rotation path, the track is connected to the head of the bed, which is convenient for the hoist to park and charge.



## Track changer solution

The track changer can divide the track into 2 directions, which is convenient for users to transfer to different areas.

## XY system

The XY system can cover all areas and maximize the use of the ceiling lift. The track docking device can be combined to allow the displacement host to be separated from the XY system to other functional areas.

## Connect to the turntable track

The turntable can change the direction. The turntable has three or four directions. The turntable is generally used from the room to the corridor, and can also be used in different functional areas of small spaces and bathrooms.

## Application Of Meddo ceiling lift system In Wards

The moving system can help the nursing personnel of the medical and nursing institutions to move the patients/elderly safely and effectively. This greatly reduces the risk of falling when moving the patients/elderly. Besides, the different kinds of hangers can be applied to various scenarios, such as going to the toilet, taking a shower, moving patients in wheelchairs, moving the lying patients, which allows for safely move the mobility-impaired and bedridden patients/elderly.

