

...with people in mind

MODUTEC

ICU early activity and mobility programs deliver clinical and cost improvements¹



IMMOBILITY IN ICU CAN LEAD TO SIGNIFICANT MUSCLE LOSS, WEAKNESS, AND REDUCED FUNCTIONAL OUTCOMES²



Truong AD, Fan E, Brower RG, Needham DM. Mobilizing patients in the intensive care unit from pathophysiology to clinical trials. Crit Care. 2009;13:216.

ICU patients have no desire to be confined to their beds. Instead they prefer to be awake, alert and moving. They want to be engaged participants in their own recovery³.

This is good news, as lengthy immobility often leads to poor functional and clinical outcomes for ICU survivors⁴. This results in increased healthcare costs⁵.

Greater awareness of the short and long term physical and psychological consequences of prolonged immobility has resulted in early

mobilization being advocated for ICU patients, particularly for those on mechanical ventilation¹.

Early activity and mobility programs have proven to be safe and feasible; demonstrating improved functional outcomes for patients and cost benefits to healthcare facilities⁶.

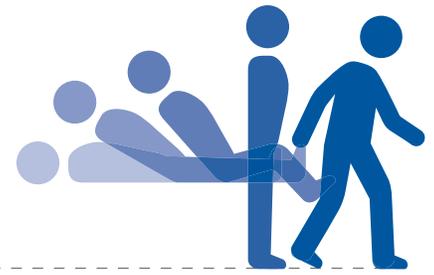
A trusted partner for innovative patient mobility and safe patient handling solutions

With early standing and weight bearing as a desirable goal, mobilizing critically ill patients in the complicated and often crowded ICU environment can be a challenge for caregivers.

Access to appropriate equipment to satisfy wide ranging patient mobility requirements is important to help achieve compliance with early mobilization and safe patient handling practices.

With over 40 years of experience as a global leader in the development of innovative patient mobility and safe patient handling solutions, ArjoHuntleigh provides a wealth of experience and an unrivaled product portfolio to help support your ICU early mobility and rehabilitation program.

From immobility **to mobility**



IN-BED MOBILIZATION



Regular patient repositioning at the touch of a button and progression to chair positioning can be achieved with the Enterprise® 9000X bed or Citadel™ Integrated Care System both designed for use with the higher acuity patient.

Advanced support surface features and versatile bed frame articulation provide a flexible environment to help support in-bed rehabilitation and sitting on the edge of bed (if the patient is able).

TRANSFER



The patient can be transferred to the Sara Combilizer® using a lateral transfer device or ceiling lift.

SITTING



The Sara Combilizer enables patients to be placed into a variety of seated positions at the touch of a button – easily facilitating care and rehabilitation activities.

In a sitting position, patients can be raised to facilitate optimal eye contact and personal interaction, an important factor in patient well-being.

Patients initially unable to participate in active mobilization



Early standing and upright positioning

ArjoHuntleigh's ICU Mobility Solutions

Whether your patient is temporarily confined to bed, needs to be acclimatized to standing or is ready for sitting or walking practice, ArjoHuntleigh's wide array of product solutions are designed to help achieve activity and mobility goals with the utmost safety and dignity in mind.

OUT-OF-BED MOBILIZATION

→ STANDING •

→ WALKING



Progression to standing can be achieved gradually and securely via utilization of the *Sara Combilizer*.

Upright positioning helps improve respiratory and cardiovascular function⁷ while facilitating early weight bearing and daily living activities.



The *SARA Plus* standing and raising aid will help your patient move from sitting on the edge of the bed to standing upright, while providing an excellent level of upper body support.



When stepping or walking practice is required, the versatile *SARA Plus* can help facilitate your patient's first steps towards leaving the ICU.

When early weight bearing and upright positioning is desirable, but physical factors or mental status prevent active patient participation, the *Sara Combilizer* multifunctional aid can be utilized to help achieve out-of-bed rehabilitation goals early on.

Acting as a combined tilt table, stretcher and multi-position chair, the *Sara Combilizer* helps facilitate early transfer from bed; into both sitting or an upright standing position.

Early evidence has shown that use of *Sara Combilizer*, as part of an ICU rehabilitation program, resulted in reduced time toward first out-of-bed mobilization.⁸

This earlier mobilization was associated with a higher overall level of mobility within the ICU. This also appears to be associated with a reduction in hospital length of stay.



Helping to meet **rehabilitation** and **healthcare needs**

Patient positioning and management

ArjoHuntleigh's electric hospital beds and specialist care systems fulfill a wide range of requirements for in bed mobilization and management of critical care and high acuity patients.



Enterprise®



Citadel™



TriaDyne Proventa®



RotoProne®

Pressure ulcer prevention and microclimate management

ArjoHuntleigh's extensive range of active and reactive surfaces, some providing customizable offloading, help prevent and treat pressure ulcers for high risk patients. Skin IQ® microclimate management cover can be utilized in conjunction with our comprehensive powered and non-powered surface range.



Nimbus®



Citadel™ C100 and C200



First Step® Select



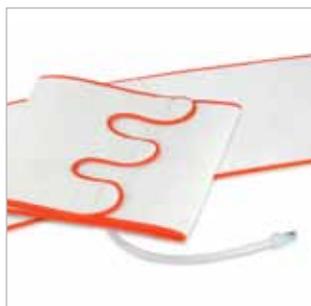
Skin IQ®

Venous Thromboembolism (VTE) prevention

ArjoHuntleigh's Flowtron® active compression systems with auto-garment recognition and battery back-up, deliver intermittent pneumatic compression via a wide choice of calf, calf and thigh, or foot garments.



Flowtron® ACS800



Uniform garments



Tri Pulse™ garments

Patient transfer solutions and upright positioning

ArjoHuntleigh provides a vast array of patient lifts, slings and transfer aids to help promote a safe, comfortable and dignified transfer for a wide range of patients. *Sara Combilizer* Multi Functional Aid facilitates both upright and chair positioning for more dependent patients early in the mobilization process.



Maxi Transfer Sheet™



Maxi Sky® 2 ceiling lift



Maxi Move® floor lift



Sara Combilizer®

Standing and walking assistance

ArjoHuntleigh's *SARA Plus* Advanced Standing and Raising Aid (SARA) encourages mobility during transfers and provides balance, stepping and walking training. Training while the *Sara Stedy* Standing and Transfer Aid encourages more mobile patients to stand up independently.



SARA Plus



Sara Stedy®

Hygiene

ArjoHuntleigh's shower equipment is designed to help promote a comfortable and dignified showering experience for patients.



Carendo™ shower chair



Carino™ shower chair



Carevo™ shower trolley

References

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4. Kress JP, Clinical trials of early mobilization of critically ill patients. *Crit Care Med*. 2009;37(Suppl.):s442-s447.
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GETINGE GROUP

GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of **ArjoHuntleigh**, **GETINGE** and **MAQUET**. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions and intensive care.

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