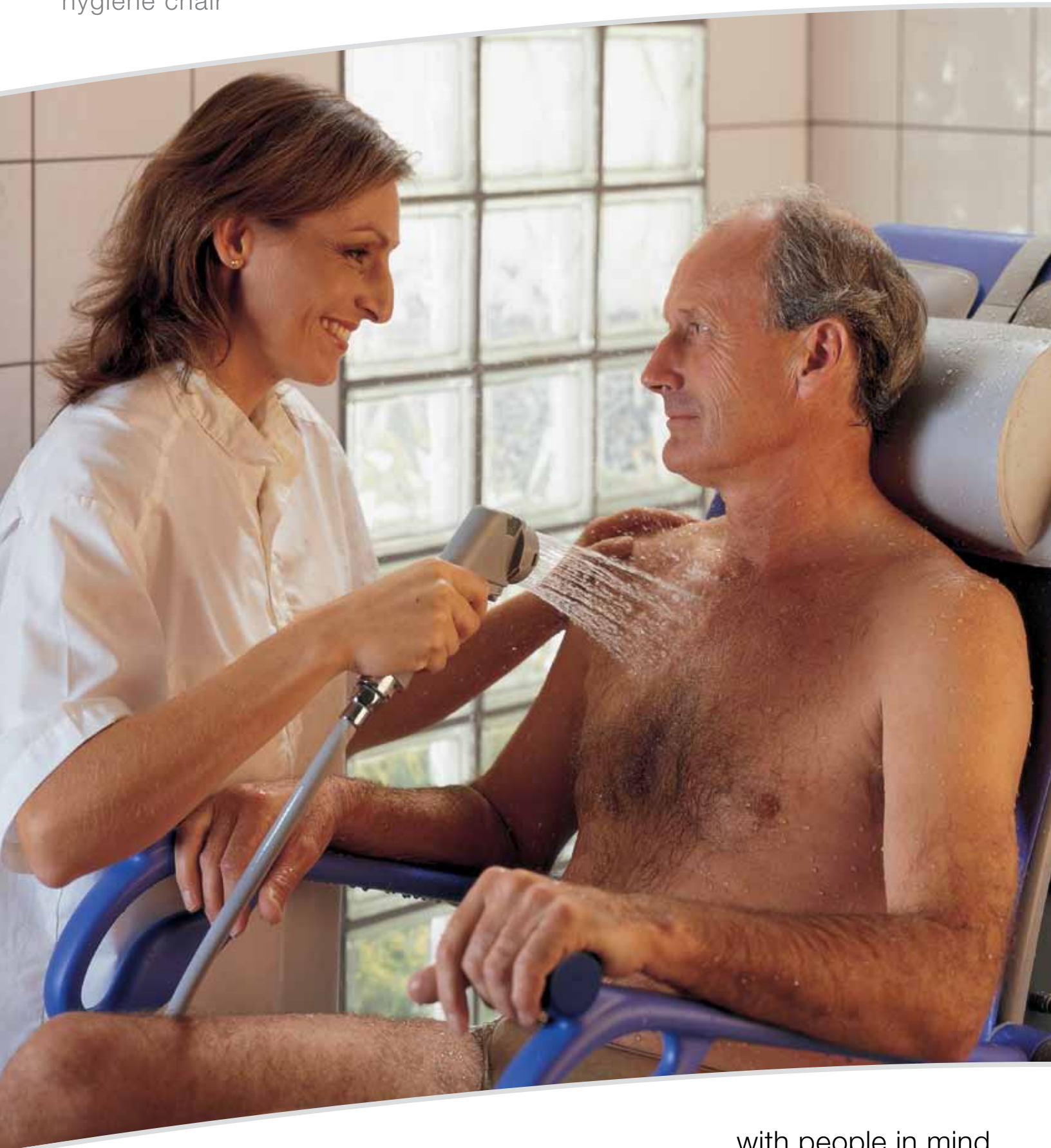


CARINO

Height adjustable
hygiene chair

ARJOHUNTLEIGH



...with people in mind



COMFORTABLE SHOWERING AT A COMFORTABLE HEIGHT

Throughout the whole care sector, showering is now an increasingly popular solution for high frequency hygiene routines. In order to deliver high quality care in showering situations for both caregiver and resident, the equipment used must be correct.

Less static load with a height adjustable chair

A study¹ conducted at long-term care facilities shows that showering a patient in a standard chair will significantly increase static load and hence aggravate the risk of back injury and pain for the caregiver.

The study also shows that the best way to overcome this situation is to introduce the ergonomically correct equipment and to implement the right working routines. The *Carino* height adjustable hygiene chair is the answer to these requirements. It has been developed in close co-operation with both caregivers and residents. Another recent study² reveals that, by using a height adjustable hygiene chair, such as *Carino*, there is a significant increase in the percentage of time that the caregivers spend working in a healthy position.

Carino offers several crucial benefits

Carino is a unique hygiene solution with several beneficial features and functions. Because of the arched shape, the higher the chair is raised the more it will lean back. This gives the caregiver easy access to the resident's entire body while toileting and showering. It also makes the procedures safer as the caregiver secures the resident by tilting him or her backward against the comfortable backrest. The foot, leg and armrests are designed to give the resident maximum comfort and the caregiver an ergonomic working position during toileting, showering and pedicure.

Perfect for more able residents

To make equipment evaluation more methodical, ArjoHuntleigh has developed a classification system, called the Mobility Gallery, based on five residents with different degrees of functional mobility. *Carino* has been developed with more able residents in mind, such as Barbara and Carl, and provides maximum comfort and safety for this group of residents. For more information, please refer to the back page of this brochure.

1. Knibbe, N and Knibbe, H (1995) "Postural load of nurses during bathing and showering of patients".

2. Brinkhoff, A and Knibbe, N (2003) "The ErgoStat programme: driven by nurse".



Foot operated, swivelling footrests.



Swing away legrests for adjusted positioning.



Backrest designed to accommodate residents of different shapes and sizes.



Light framework with open design for easy transport.



Multiple handles for safety and comfort.

DAILY HYGIENE MADE SAFE AND EASY



Showering

Assisted showering usually requires two caregivers, and the resident is placed on a standard chair in the shower. Less mobile residents cannot be showered on standard, fixed-height shower chairs, but have to be washed in bed. These methods are uncomfortable for both caregiver and resident, and the hygiene result is poor. When using *Carino*, the showering procedure can be managed in an efficient and ergonomically sound way by one caregiver.



Hair washing

Often carried out when the resident is placed in bed or on a standard shower chair, hair washing is an awkward procedure for both caregiver and resident. *Carino* allows the caregiver to adjust the height and leaning position to achieve correct working posture for hair washing. The routine can then be carried out in a comfortable way for the resident, fully supported by backrest and head cushion.



Pedicure

The traditional procedure calls for the resident's leg to be lifted to an appropriate working height for the caregiver, who has to assume a squatting position or use a chair while working. Using *Carino*, all aspects of foot care, from washing to pedicure, can be performed at a comfortable working height, without bending, stretching or sitting down.



Toileting

Access to toileting with dignity is a basic element of good care. One of the problems with toileting on traditional shower chairs is the handling/care after the visit which often has to be performed in awkward working positions. The cut out slots in the *Carino* seat and the lower part of the backrest allow easy and discreet washing and wiping of sensitive parts of the body, without soaking the resident's clothes. The washing may be performed at a correct working height in an ergonomically proper way as *Carino* can be adjusted to different toilet heights.

In *Carino* the resident can be placed over a toilet, which means that the resident does not have to use a bedpan. For incontinent residents, a bedpan can be placed under the *Carino* seat.





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FOCUS ON FUNCTION AND SAFETY

- 1 Light and open tube frame**
The light framework and open design give easy transport with or without the resident sitting in the chair, as well as good clearance for toilet needs. Because of arch shaped frame, the higher the chair is raised the more it will lean back.
- 2 Durable wheels**
The wheels can be securely locked and are made of corrosion resistant material, which allows long life in a demanding environment.
- 3 Easy manoeuvring footplates**
Swivelling footplates, easily manoeuvred by the caregiver's foot, give support during transfer and toileting, but are out of the way when not needed.
- 4 Self adjusting legrests**
Adjustable 'swing away' leg-rests level out in a balanced position depending on weight and shape of the resident's calves. The optimal body weight distribution makes the resident feel stable and comfortable.
- 5 Smooth winch mechanism**
Electrical height adjustability for positioning the resident at appropriate working height, and to adjust the chair to match toilet height.
- 6 Comfortable, foldable seat with bedpan holder**
Wide seat surface with cut-out slot. Matches shape of bedpan or toilet adaptor.
- 7 Supporting backrest**
High backrest provides good support for less stable residents. Cut-out in lower part of the seat provides access to wash the resident from behind.
- 8 Light and powerful battery**
The battery is re-chargeable at any level and uses the nickel metal hydride technique. A buzzing sound indicates need for charging.
- 9 Multiple gripping position**
Several handles integrated into the design make many positions available depending on type of manoeuvring and direction.
- 10 Foldable armrests with push/pull handles**
It is possible to move away the foldable armrests for clearance and side transfer. Handles give correct grip when positioning the chair.

Carino accessories



Back pillow
NEA0001-031



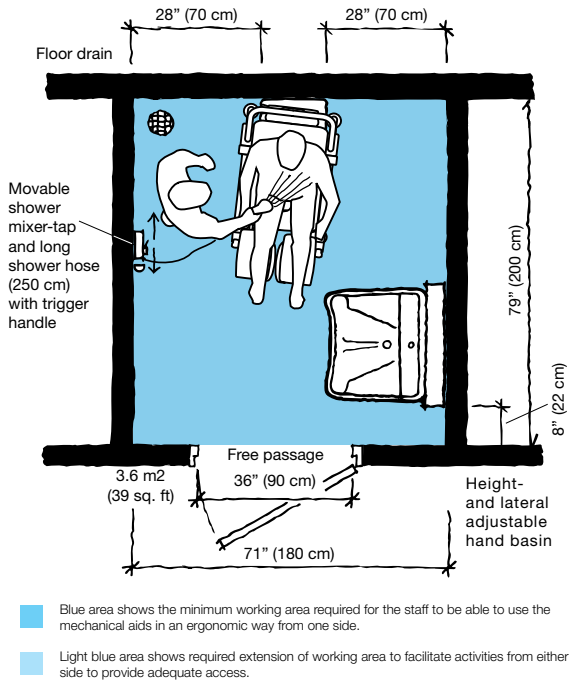
Seat cushion
NEA0003-031



Bedpan

PRODUCT SPECIFICATIONS

Space requirement



Mobility Gallery

Suitable for Barbara and Carl



B Barbara, who can support herself to some degree

C Carl, who sits in a wheelchair and has trunk stability

Please contact ArjoHuntleigh for further information on the Mobility Gallery™.

Product Information

Lifting capacity	309 lbs (140 kg)
Weight	108 lbs (49 kg)
Max total weight (lift + resident)	417 lbs (189 kg)
Chassis, max width	24 ¼" (61.3 cm)
Chassis, width between legs	17 ½" (44.2 cm)
Clearance under chassis	1 ¼" (3 cm)
Chassis, max length (incl. brakes)	35 ½" (90.5 cm)
Chassis, projection	2 ½" (6.3 cm)
Turning area	45 ¼" (115 cm)
Seat height, lowest position	17 ¾" (45 cm)
Seat height, highest position	41 ¼" (105 cm)
Height of lift, max	65" (165 cm)
Height of lift, min	53 ¼" (135 cm)
Lifting stroke range (seat)	23 ½" (60 cm)
Supply voltage	24 V DC
Max power	150 VA
Battery	NiMH; ARJO NEA 0100
Colour	blue/gray
Approvals	CSAC22.2

All products are CE marked.

Only ArjoHuntleigh designed parts, which are designed specifically for the purpose, should be used on the equipment and products supplied by ArjoHuntleigh. As our policy is one of continuous development we reserve the right to modify designs and specifications without prior notice.

ArjoHuntleigh, Carino and Mobility Gallery are trademarks belonging to the ArjoHuntleigh Group.

GUIDEBOOK FOR ARCHITECTS & PLANNERS

ArjoHuntleigh offers assistance in the planning phase to create a functional bathing and showering area and utilize the available space in an optimal way. When planning your new building, or renovation project, consult with your local ArjoHuntleigh representative and the ArjoHuntleigh Guidebook for Architects and Planners for great ideas, considerations and space requirements for your bathing and showering room.



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...with people in mind

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