



# Advanced Bath Chair

User Manual





**The Leckey Advanced Bath Chair and Shower Trolley have been designed to reach new levels of functionality and adjustability for the use in the bath and shower. This manual shows you how you can quickly, safely and easily make use of all of the functions. The instructions on the safety and maintenance of the product will ensure that you will enjoy the use of this product for a long time.**



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## SECTION 01: INTENDED USE

### Intended use

The Bathing Supports are intended to support children and young adults who have mild to complex postural needs that disrupt the ability to sit without external support. All devices are intended to be used within a bath or shower to facilitate personal care.

### Indications for use

Advanced Bath Chair is for use in the bath or the shower if used with a Shower Trolley. Advanced Bath Chair is intended for children with disabilities from the age of 1 to 18 years old who may have a lack of trunk control or excessive muscle tension due to conditions such as cerebral palsy and or those who are unable to support themselves during the bathing process. Advanced Bath Chair has a maximum user weight of 72kgs on all sizes.

## SECTION 02: CERTIFICATION

The Advanced Bath Chair is classified as a Class I Medical Device under EU and UK regulations. As the manufacturer, James Leckey Design Limited, declares that this product conforms to the Medical Device Regulation (2017/745), UK Medical Device Regulations 2002, Medical

Device Directive (93/42 EEC) and EN 12182:2012 Assistive products for persons with disability, general requirements and test methods.

**Notice to the user and/or patient:**  
**Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.**

### NOTE:

**General user advice.**

**Not following these instructions may result in physical injury, damage to the product or damage to the environment!**

## SECTION 03: WARNINGS AND CAUTIONS

### KEY:

**LAB** = Advanced Bath Chair

**LSF** = Shower Trolley

**RAP** = LAB + LSF combined

### WARNING TOPPLING HAZARD:

- Never use the **RAP** on uneven ground. Its intended use is for bathroom / wet room environments.
- Never leave the child unattended whilst seated in either the **RAP** or **LAB**.
- Always check that the seat back



and foot rest is secure before the user is transferred into the product and the user's support straps are being used as soon as the user is seated.

### **CAUTION DAILY CHECKS:**

- The **RAP** is to be checked daily before use to ensure that all harnesses and seating elements are securely attached.
- Always thoroughly read instructions before use.
- Always visually inspect the product before use. If in doubt, **STOP**. If you suspect or know the product or a part is faulty, **STOP**. Contact our customer services department or local dealer as soon as possible.

### **CAUTION FINGER PINCH HAZARD:**

- Take care when assembling or adjusting the position of the **LAB** components that your fingers do not get pinched when positioning seat components and tightening mountings against **LSF**.
- The carer should not touch any moving joint or pivot that is not locked.

### **WARNING OCCUPANT SECURITY:**

- Before placing the user in the product, adjust the product into its therapy orientation and check its stability.
- User transfers in and out of the product must be done with appropriate equipment and

personnel.

- Ensure that the occupant is secured with the device harnesses as soon as they are transferred. Care should be taken with any recline adjustments for involuntary movements which might cause sudden reclining movement. Never leave the child unattended whilst in the **LAB / RAP**.
- If the user exhibits any form of distress, remove from the product as quickly as is safely possible.

### **CAUTION CLEANING:**

- Clean the product regularly to prevent the build-up of dirt. Accumulated dirt can prematurely wear the seat mouldings and encourage corrosion in the frame. Only use non-abrasive household cleaners and moist cloths.

### **CAUTION CLEANING POWER WASHERS/HOSES:**

- Do not use hoses or power washers on the frame components, the frame is not sealed against running water and may be damaged by water ingress.

### **CAUTION STORAGE:**

- The product should be kept away from all direct sources of heat, including naked flames, cigarettes, electric and gas heaters.



### **CAUTION BRINGING INTO USE:**

- When bringing the **LAB** into use from storage, allow it to acclimatise to ambient temperature first to avoid the discomfort of cold metal to bare skin of the user.

### **CAUTION DISPOSAL:**

- Only dispose of the **RAP** in a community waste disposal site under the correct recycling category.

## **SECTION 04: TERMS OF WARRANTY**

The warranty applies only when the product is used according to the specified conditions and for the intended purposes, following all manufacturers' recommendations (also see general terms of sales, delivery and payment). A three year warranty is provided on all Leckey manufactured products and components.

## **SECTION 05: PRODUCT HISTORY RECORD**

Your Leckey product is classified as a Class 1 Medical device and as such should only be prescribed, set up or reissued for use by a technically competent person who has been trained in the use of this product. Leckey recommend that a written record is maintained to provide details of all setups, reissue inspections and annual inspections of this product.

## **SECTION 06: PRODUCT TRAINING RECORD**

### **(PARENTS, TEACHERS & CARERS)**

Your Leckey product is a prescribed Class 1 Medical Device and as such Leckey recommend that parents, teachers and carers using the equipment should be made aware of the following sections of this user manual by a technically competent person:

- SECTION 07** Safety information`
- SECTION 10** Clinical setup for postural management & daily use
- SECTION 11** Cleaning & care information
- SECTION 12** Daily product inspection



Leckey recommend that a written record is maintained of all those who have been trained in the correct use of this product.

## **SECTION 07: SAFETY INFORMATION**

1. Always read instructions fully before use.
2. Users should not be left unattended at any time whilst using Leckey equipment.
3. Only use Leckey approved components with your product. Never modify the product in any way. Failure to follow instructions may put the user or carer at risk and will invalidate the warranty on the product.
4. If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer services department or your local dealer as soon as possible.
5. Carry out all positional adjustments and ensure that they are securely fastened before you put the user into the product.
6. The weight limit on all four sizes of seat is 72kg. This should NEVER be exceeded.
7. With the exception of the back recline adjustment the Advanced Bath Chair should not be adjusted whilst the user is in the seat. If adjusting the back recline with a user in the seat ensure while the lever is pulled up that the backrest of the chair is secure by holding onto the handles at the top of the bath seat frame.
8. When adjusting the Advanced Bath Chair into any position ensure the locking pin is fully engaged.
9. We recommend that when the Shower Trolley is stationary that all four castors are locked and facing away from the trolley base.
10. Although mobility is an important feature of this product we do not recommend that users be moved over uneven surfaces whilst in the equipment. All due care and attention should be taken if transporting the user in the Shower Trolley from one room to another.
11. Never leave the product on a sloping surface, greater than 5 degrees. Always remember to lock all the castors.
12. If moving your Shower Trolley from one room to another please steer by gripping onto the handles at the top of the backrest.
13. Leckey products comply with fire safety regulations in accordance with EN12182. However the product contains plastic components and therefore should be kept away from all



direct sources of heat including naked flames, cigarettes, electric and gas heaters.

14. Clean the product regularly. Do not use abrasive cleaners. Carry out maintenance checks on a regular basis to ensure your product is in good working condition.

## **SECTION 08: PRECAUTIONS AND CONTRAINDICATIONS**

### **Precautions**

- Fixed spinal deformities such as scoliosis or kyphosis
- Severe muscle contractures
- Severe muscular or skeletal asymmetry including hip dislocation
- Progressive and muscle wasting conditions
- High risk or recent history of bone fractures
- High risk of pressure related injury or open sores
- Strong, uncontrolled movement patterns
- Poorly controlled seizure activity
- Children dependent on the use of percutaneous endoscopic gastrostomy
- Medical instability including compromised respiratory or

cardiovascular function

- Dependant on 3rd party life-sustaining apparatus such as oxygen tanks
- Significant learning disabilities and/or behavioural issues

### **Contraindications**

There are no contraindications associated with bathing devices. The instructions for use indicate that for all products, no child or young adult should be left unintended in the device when in use or contact with water.

All precautions and contraindications are taken at the discretion of the parent or prescribing clinician.

## **SECTION 09: HOW TO UNPACK AND ASSEMBLE**

Congratulations on purchasing your Leckey Advanced Bath Chair. Your Advanced Bath Chair will come bubble wrapped, flat packed and without the cover attached. Your Leckey Advanced Bath Chair will come with a hip belt already attached and chest belt with lateral supports. Additional straps as ordered will also be included. Carefully remove them and please check that you have all the parts you ordered.



## 9.1 ATTACHING THE COVER

To attach the cover position the bath seat with the calf support in the maximum position as shown, then firstly slip the cover over the backrest and then secondly the calf support. Then loop the straps in through the frame securing the fabric under the seat base as shown.



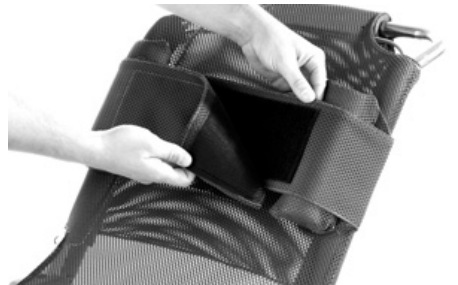
## 9.2 ATTACHING THE HIP BELT

The hip belt simply secures around the user with Velcro.



## 9.3 ATTACHING THE CHEST BELT

To attach the chest belt, loop it around the back of the seat and Velcro securely at the front around the user.





## **9.4 ATTACHING THE ABDUCTION STRAP**

To attach the abduction strap, simply loop around the tubular frame and secure at the back with Velcro.



## **9.5 ATTACHING THE HEAD LATERALS**

The head laterals are secured in the same way by simply looping around the tubular frame and securing at the back with Velcro.



## **9.6 ATTACHING THE ADVANCED BATH CHAIR TO THE SHOWER TROLLEY**

The Shower Trolley will allow you to simply convert your Leckey Advanced Bath Chair into a shower chair. To attach the Leckey Advanced Bath Chair to the Shower Trolley, simply alter the length of the frame, to correspond with the adjusted position of the legs on the Leckey Advanced Bath Chair.

This is done by loosening the bolts and adjusting the bar to the required position. Once in position re-tighten the bolts securely. Then simply drop the front and back legs of the Leckey Advanced Bath Chair into the channels as shown, fastening the Velcro straps securely around the leg tubes.





## **SECTION 10: CLINICAL SETUP FOR POSTURAL MANAGEMENT & DAILY USE**

The clinical setup of the product should be completed by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend a written record is maintained of all clinical setups for this product.



Parents and carers should be shown how to make frequent adjustments and made aware of the safety checks in Section 7 by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend that a written record is maintained of all parent and carers who have been trained in the use of this product.



## 10.1 HEIGHT ADJUSTMENT

The Leckey Advanced Bath Chair can be adjusted in height to allow for a range of positions from flat in the bath to over bath height. The height is adjusted by pulling down on both sets of levers and adjusting the front and back legs to the required position. Once the required position is obtained simply release the levers.



For stability reasons we do not recommend that both sets of legs be adjusted to their highest position at the same time. When adjusting the Advanced Bath Chair into any position please ensure the locking pin has engaged fully.



## 10.2 TILT IN SPACE

The independent height adjustability of the Leckey Advanced Bath Chair front and back legs allows the seat to be adjusted for a range of tilt in space positions. These adjustments are carried out in the exact same way as the height adjustment described above.



Always check with your therapist that the use of tilting space will not cause any obstructions to the child's airways.



## 10.3 BACK RECLINE ADJUSTMENT

The back recline of the Leckey Advanced Bath Chair can be adjusted to four positions from horizontal to 90 degrees. The back recline is adjusted by pulling the lever, moving to the required position and then releasing the lever, ensuring it slots back into position.





When adjusting the Advanced Bath Chair into any position ensure the locking pin is fully engaged.



## 10.4 CALF SUPPORT ADJUSTMENT

The calf support can be adjusted into four positions by pulling down on the levers, moving to the required position and then releasing the lever into position.



## 10.5 CHEST BELT ADJUSTMENT

To position the foam pads under the user's armpit, while looping the strap around the back of the frame and secure with Velcro at the front as shown. The lateral supports can also be positioned out of the way at the back of the seat if the user does not require this level of support.



## 10.6 ABDUCTION STRAP ADJUSTMENT

Once the abduction strap has been attached the legs are then positioned and secured by the smaller Velcro straps.





## **SECTION 11**

# **CLEANING & CARE INFORMATION**

### **How to Maintain**

When cleaning the Advanced Bath Chair frame we recommend that you use only warm water and a non-abrasive detergent. Never use organic solvents or dry cleaning fluids.

### **Upholstery and fabrics**

The Advanced Bath Chair cover can be removed and machine washed at 60 degrees.

The Advanced Bath Chair accessories can be cleaned by hand whilst in place. When cleaning we recommend that you use only warm water and a nonabrasive detergent.

We recommend that you do not use any type of medication in the bathwater during the bathing process as this may contribute to the breakdown of the adhesive glue used to bond the moulding to the stainless steel leg.

Always ensure the product is dry before use.

### **Metal and plastic components**

1. Soap and water or antibacterial spray can be used for daily cleaning.
2. For deep cleaning a low pressure

steam cleaner can be used.

3. Do not use solvents to clean plastic or metal components.
4. Make sure the product is dry before use.

## **SECTION 12**

# **DAILY PRODUCT INSPECTION**

### **(Therapists, parents & carers)**

We recommend that daily visual checks of the equipment are carried out by therapists, carers or parents to ensure the product is safe for use. The recommended daily checks are detailed below.

1. Ensure all adjustment knobs are in place and secure.
2. Check all upholstery and velcro for signs of wear and tear
3. Check all castors are moving freely and lock securely.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.



## SECTION 13 ANNUAL PRODUCT INSPECTION

**(Therapist, Technician, Leckey  
Product Advisor, Dealer)**

Leckey recommend that each product should be subject to a detailed inspection at least once a year and every time the product is reissued for use. This inspection should be carried out by a technically competent person who has been trained in the use of the product and should include the following checks as a minimum requirement.

1. Check all knobs, nuts, bolts and plastic buckles are in place, replacing any missing items.
2. Lift the base to check each castor individually. Make sure they are moving freely and remove any dirt from the rubber wheels. Check that the brakes lock the wheels securely.
3. Visually check the structure of the product paying attention to weld points on the frame ensuring there are no signs of fatigue or cracking around the welds.
4. Leckey recommend that a written record is maintained of all annual product inspections.

## SECTION 14 RE-ISSUING LECKEY PRODUCTS

Most Leckey products are assessed and ordered to meet the needs of an individual user. Before reissuing a product we recommend that the therapist prescribing the product has carried out an equipment compatibility check for the new user and has ensured that the product being re-issued contains no modifications or special attachments.

A detailed technical inspection should be carried on the product prior to re-issuing. This should be carried out by a technically competent person who has been trained in the use and inspection of the product. Please refer to section 13 for the required checks to be carried out.

Before re-issuing a product, it is recommended that it is disinfected using one of the following procedures:

**Note: Always clean the product first to remove accumulated soiling prior to disinfecting/sanitising.**

1. Where possible, we recommend the use of an automated “fogger” disinfection system that is used to completely cover the product surfaces with a disinfectant agent. The manufacturer’s instructions for



the chosen system should be referred to prior to use and followed exactly.

2. Where an automated disinfection system is not available, all product surfaces should be wiped over with disinfectant surface wipes or liquid disinfectant on a soft cloth. Suitable products are 70% IPA, 70% Alcohol or diluted bleach. The manufacturer's instructions for the chosen product should be followed. Product upholstery and fabrics should be cleaned thoroughly in accordance with section, Cleaning and Care Information, of this manual.

Ensure a copy of the user manual is supplied with the product. A copy can be downloaded from our website **[www.leckey.com](http://www.leckey.com)** Leckey recommend that a written record is maintained of all product inspections carried out during the reissue of the product.



All international service enquiries should be directed to the appropriate Leckey distributor who will be delighted to assist you. For further information on Leckey distributors please visit our website **[www.leckey.com](http://www.leckey.com)**.

## **SECTION 15**

### **PRODUCT SERVICING**

Servicing of all Leckey products should only be carried out by technically competent persons who have been trained in the use of the product.

In the UK & ROI please contact the Leckey Service Centre on UK 0800 318265 or ROI 1800 626020 and our customer service department will be delighted to assist you with your servicing requirements.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.



















## SECTION 16

# TECHNICAL DATA

Product sizing				
Size	1	2	3	4
Age	1-5	4-9	8-14	12-18
User Height				
Min	750mm / 30 inches	950mm / 37 inches	1150mm / 45 inches	1350mm / 53 inches
Max	1050mm / 41 inches	1250mm / 49 inches	1450mm / 57 inches	1650mm / 65 inches
Advanced Bath Chair	LAB/1	LAB/2	LAB/3	LAB/4
Headsupport	150mm / 6 inches	150mm / 6 inches	215mm / 8.5 inches	215mm / 8.5 inches
Backsupport	350mm / 14 inches	400mm / 16 inches	460mm / 18 inches	550mm / 22 inches
Seat Depth	225mm / 9 inches	275mm / 11 inches	335mm / 13 inches	400mm / 16 inches
Calf Support	260mm / 10 inches	260mm / 13 inches	340mm / 13 inches	340mm / 13 inches
Seat Height _50-425mm 2-17"				
Max Weight_72KG 159 pounds				
Total Width_430mm 17"				
Shower Trolley	LSF/1			
Width	600mm / 24 inches			
Length				
Min	900mm / 36 inches			
Max	1150mm / 45 inches			
Seat Height from floor_				
650-700mm 26" - 28"				



# Table of Symbols

Symbol	Meaning
	Medical Device
	Read the Instructions for Use
	CE mark
	Warning
	Manufacturer
	Serial number
	Product code
	Max occupancy weight
	Date of Manufacture
	For indoor use only
	Latex free
	Unique Device Identification
	Machine wash- water temperature 50°C
	Tumble dry- low heat
	Cool iron
	Do not dry clean







**USA Distributor**

Sunrise Medical (US) LLC  
2842 N Business Park Avenue  
Fresno, CA 93727

**T:** 1-800-333-4000

**F:** 1-800-300-7502

**E:** [customseating@sunmed.com](mailto:customseating@sunmed.com)  
[sunrisemedical.com](http://sunrisemedical.com)

**Canadian Distributor**

Sunrise Medical  
237 Romina Drive, Unit 3,  
Concord, ON, L4K 4V3

**T:** +1.800.263.3390

**F:** +1.800.561.5834

**E:** [mkt.canada@sunmed.com](mailto:mkt.canada@sunmed.com)  
[sunrisemedical.ca](http://sunrisemedical.ca)

Please visit [leckey.com](http://leckey.com) for a full list of Leckey distributors.

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James Leckey Design Limited  
19 Ballinderry Road  
Lisburn, BT28 2SA  
Northern Ireland

[leckey.com](http://leckey.com)

**(+44) 28 9260 0750**  
[hello@leckey.com](mailto:hello@leckey.com)



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