



EKAMOVE

THE LATEST GENERATION PATIENT
REPOSITIONING SYSTEM

PRODUCT EXPERTISE

THERAPEUTIC SOLUTIONS

SERVICE EXPERTISE



Call **0800 2800 485**
to book a **FREE** demonstration

WIN  CARE



INTRODUCING THE EKAMOVE

The Ekamove is the latest generation in patient repositioning solutions, innovatively designed to deliver person specific pressure care. The flexible tilt and timing controls allow healthcare professionals to prescribe turning protocols tailored specifically for their patients' needs.

Suitable for anyone with pre-existing pressure ulcers or at risk of developing ulcers, the Ekamove is suitable for use in:

- Hospitals
- Care Homes
- Hospices
- In the home

The Ekamove is a non-intrusive pressure care solution, which prevents pressure points developing at vulnerable sites and allows patients to enjoy an undisturbed sleep.

REDUCING THE COST OF CARE PACKAGES

No one wants to stay in hospital any longer than necessary but finding the right care package to safely discharge a patient to their own home can be a challenge. Elderly and vulnerable people will often require discharge packages that include repositioning and pressure care, which can lead to delays in getting people home. The Ekamove offers an automated solution that reduces the dependence of carers. Placed under the mattress, the air chambers inflate to gently and quietly reposition the patient, The inflatable air-chambers conform to the patients morphology, allowing a comfortable and controlled turn.

SAFE TO USE

- The air chambers provide a soft lift beneath the mattress which forms gently to the shape of the patient's body. This delivers less pressure and comparatively less shearing force than a plate system.
- A memory card is included to track patient repositioning, providing diagnostic and operational information to clinicians and service managers.
- Works effectively with standard, foam mattresses so can negate the need for more expensive hybrid or dynamic models.

ULTIMATE FLEXIBILITY

- The Control Unit is simple to operate with 4 easy to use programmes.
- An additional specialist programme can be used when tailored care is required for more complex cases.
- The air chamber inflates to turn the patient to any angle between 0° and 30°, with a choice of dwell time settings between 10 minute minimum dwell time.
- The Ekamove can be used with any hospital mattress and should be integrated into a healthcare bed with side protection
- The adjustable clamp on the control unit means it can fit tightly onto any type of bed end.

- Suitable for patients weighing from 15 kg to 300 kg, with a wider bariatric version also available.
- For some patients, the Ekamove with leg extension maybe the more suitable model if a full length system is required.

IMPROVES WELL-BEING

- The Ekamove is automated so requires minimal intervention from a healthcare professional, providing patients in pain a respite from manual handling.
- The Ekamove can move a person every 10 minutes without them noticing.
- The system emits very low levels of noise, promoting undisturbed sleep.

SIMPLE TO MAINTAIN & DEPLOY

- The unit packs up into a portable carrying bag, making storage and deployment simple.
- For a routine clean, sponge clean with a detergent solution and dry thoroughly.
- The covers can be machine washed to 95 degrees.
- Spare covers can be purchased.

EASY TO BUY

- The Ekamove is available to buy, rent or lease. Please speak to a Mangar Area Manager about your preferred option.



'I'm very relieved as the Ekamove means I've been able to have a good night's sleep without any interruptions. My wound hasn't opened up again and now I'm able to stay at home'

Pat Constable



CASE STUDY

Patricia Constable lives in Worcestershire with her partner, Bob. In January 2016 Patricia suffered an internal haemorrhage in her back which caused irreversible damage to her spinal cord. The epidural hematoma had compressed her spinal cord in the region of T6 to T10 and had left her paralysed from the waist down.

Patricia was transferred to an Orthopaedic Hospital for rehabilitation but a couple of months into her rehabilitation she suffered a transfer board injury which developed into a Grade 4 pressure ulcer. On returning home, Patricia was visited daily by a district nurses who assisted with washing, dressing and transfers for a period of six weeks.

Unfortunately, her wound opened up again and she fell ill with multiple infections and was admitted to hospital for intensive treatment. To speed up the healing, Patricia was placed on negative pressure therapy and was eventually discharged to a Nursing Home for further therapy.

Finally, nearly 7 months later, Patricia returned home but still needed nursing and personal care from district nurses. Her OT prescribed an Ekamove to provide extensive pressure relief

and prevent her wound opening again. She has now been using it for two months and commented on her experience; 'I was sceptical when I first heard of the Ekamove. I thought it was going to be quite loud as it moved me and was very surprised at how quiet it actually is.

"I'm also very relieved as I've been able to have a good night's sleep without any interruptions, unlike when I was in hospital and had to be manually moved by nurses, even in the early hours of the morning.' 'My wound hasn't opened up again as well, so now I'm able to stay at home with Bob and my dog, Poppy.'

TECHNICAL SPECIFICATIONS

Weight

Base unit: 2.8 kg

Air chambers incl. hoses: 1.5 kg

Dimensions

(LxWxH) 21 cm x 12cm x 31 cm

Dimensions (LxWxH) 110 cm x 80 cm
Air Chambers incl. hoses:

Electrical Data

Operating voltage: 240V

Frequency: 50Hz/60Hz

Output: Max. 18W

Classification: Protection class II

Fuse (in the apparatus): M3A, 230V micro-fuse

Patient Positioning

Positioning Angle: 0° to 35° (depending on body shape)

Positioning times: 10 to 120 minutes per partial positioning stage ±15 seconds

Contact and moisture protection

Housing and sensors: IP 33

Storage Conditions

Temperature range: -10° to 50° C

Relative Humidity: 0% to 95% no condensation

Operating conditions

Internal power supply for the warning system in case of power failure: 2 no-maintenance batteries type AA 1.2V 1900mA

Intelligent sensor-controlled patient repositioning system

Easy to fit, store and deploy

Enables faster patient discharge from hospital 'I'm very relieved as the Ekamove

'I'm very relieved as the Ekamove means I've been able to have a good night's sleep without any interruptions. My wound hasn't opened up again and now I'm able to stay at home'
Pat Constable



INTRODUCTION

Falls account for more than 10% of all ambulance calls and rarely happen in easy to reach, accessible places. Winnicare inflatable devices are designed to fit in the tightest of spaces such as bathrooms, busy dining rooms and narrow bedrooms.

This guide gives an overview of the importance of;

- Post fall management care – highlighting the need for robust health assessments before lifting and finding solutions to support patients wherever they fall
- Avoiding injury – healthcare workers have one of the highest rates of musculoskeletal injury and the repetitive nature of lifting can cause long term pain
- Assistive equipment – using the right equipment to assist with a lift will reduce worker injury and ensure patients are moved safely and with dignity

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PRODUCT EXPERTISE

THERAPEUTIC SOLUTIONS

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NOT JUST A LIFTING CUSHION

The Mangar ELK, Mangar Camel and Mangar Eagle lifting cushions are most often used to lift someone who has fallen on the floor to a sitting position. If it is necessary to lift someone in a supine position, this can be done by either using the Mangar Camel without inflating the back rest or the Mangar ELK in conjunction with a scoop stretcher.

On some occasions, the equipment is used in reverse to lower someone from sitting level to the floor. Physiotherapists may do this when they want to use a swimming pool for rehabilitation and we also know of athletes who need to be lowered to the riverside to access a boat or canoe.

Powered using an Airflo Compressor, the battery technology means the lifting cushions are portable and can be used indoors or outside. This flexibility is why the Mangar Lifting Cushions are the lifting devices of choice of many ambulance services around the world.

Ambulance crews encounter different emergency situations every day and are increasingly reporting new ways the flexible inflatable technology helps them, including;

- To gently move a patient who has fallen against a wall into a more manageable position for lifting
- As a bariatric seat for patients who can only walk a few steps
- To assist when lifting someone on a stretcher
- Moving someone who is stuck in bath

AVOIDING MUSCULOSKELETAL INJURY

There is a high prevalence of work related injury among healthcare workers, in multiple care settings, across many countries. Moving and handling injuries account for 40% of work-related sickness absence in health and social care services, with around 5,000 injuries reported each year in health services, and around 2,000 in social care. (HSE)

Factors that directly affect injury levels are;

- Appropriate training
- Availability of lifting devices
- Time available to deliver daily duties.

Research in 2011 found that the odds of an injury to a healthcare worker reduced by up to 41% when a lifting device was easily and readily available. There is significant evidence, from across the world that a strong relationship exists between manual handling and back disorders in healthcare workers.



The consequences of musculoskeletal injury for the employee are:

- Ongoing pain suffered through a musculoskeletal disorder picked up through manual handling
- The loss of their ability to perform duties
- Time off required to recover and recuperate, often resulting in reduced earnings
- No longer able to work in a healthcare or moving and handling environment and require new training
- May need to take early retirement

A case study from South West NHS Ambulance Service Trust saw a £300K reduction in sickness costs in the first year after the introduction of ELK lifting cushions across the fleet.

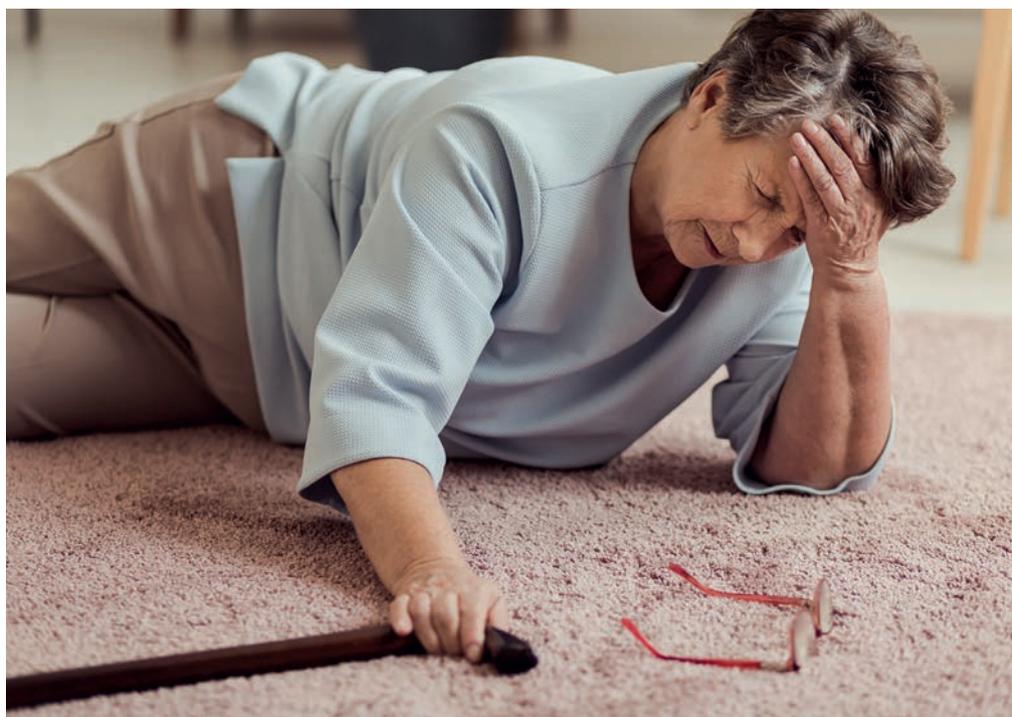
CONSEQUENCES OF A FALL FOR PATIENTS

Most falls do not result in serious injury, but they can cause the person to lose confidence, become withdrawn, and feel as if they have lost their independence. The length of time it takes to help a patient into a safe and upright (standing or seated) position can have a significant impact on their recovery.

Lying on the floor for a long time following a fall is the one of the most serious consequences of the fall.

The results of a long lie or delayed initial recovery include:

- Skin damage resulting in pressure sores
- Reduced confidence
- Increased anxiety (post fall syndrome)
- Hypothermia
- Dehydration
- Pneumonia
- Kidney failure (through rhabdomyolysis)
- Death



It is therefore critical to maximise recovery from the fall that the fallen person is given the right care, at the right time, in the right place.

To evaluate whether interventions are 'at the right time' it is important that we acknowledge and understand the critical post-fall timescales:

A **delayed initial recovery** is when the faller remains on the floor for between 10 – 59 minutes. The impact of a delayed initial recovery is psychological and emotional trauma with increased post-fall anxiety and reduced functional independence or activity engagement.

A **long lie** is when the faller remains on the floor for 60+ minutes. The physical impact of the long lie is all of those stated within delayed initial recovery but with the addition physical and physiological elements. These includes body temperature and potassium serum levels for example.

Before implementing a lift, it is important to perform a health assessment and increasingly in the **ISTUMBLE** is used to check a patient's health and decide whether or not onward transportation to hospital is required.



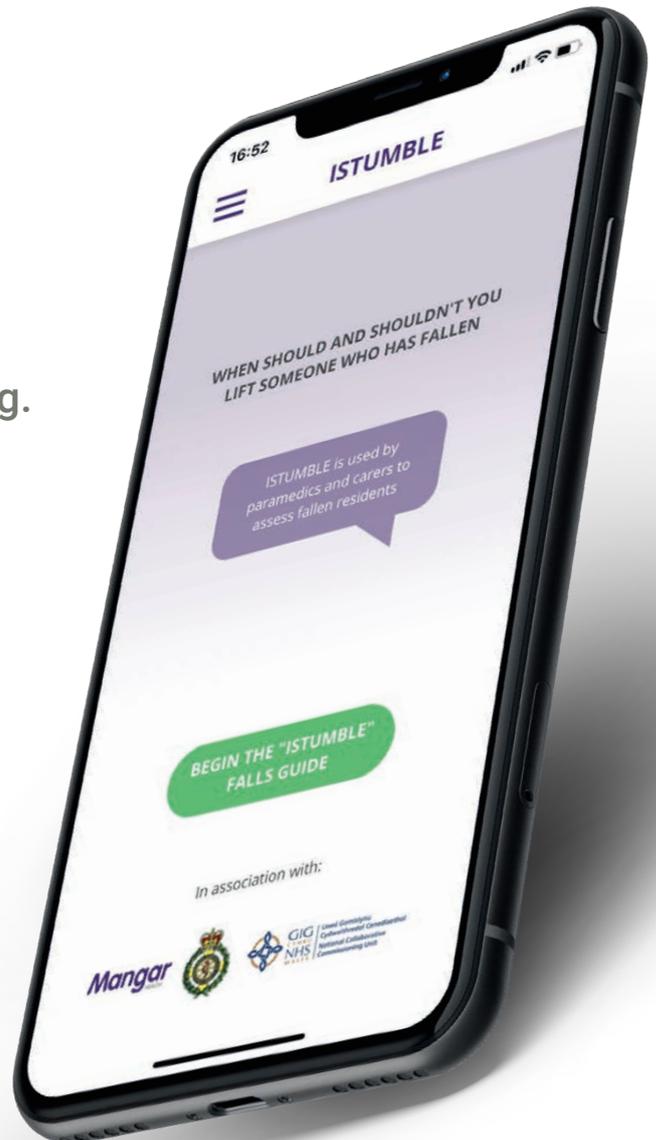
TRY THE ISTUMBLE APP™

A post falls assessment tool called **ISTUMBLE**, used by UK ambulance teams, is supporting care home staff to assess fallen residents and make informed decisions around safe lifting.

It is part of a continuing initiative to decrease the number of avoidable ambulance callouts to un-injured fallers, which currently costs the NHS over £50 million a year. The health assessment algorithm is supported by a free App and takes users step by step through questions designed to inform decision making. These include;

- I** Intense pain
- S** Suspected collapse
- T** Trauma to neck/back/head
- U** Unusual behaviour
- M** Marked difficulty in breathing/chest pain
- B** Bleeding freely
- L** Loss of consciousness
- E** Evidence of fracture

It also takes the user through the FAST test, enabling the carer to make a judgment on whether an ambulance call out is appropriate. The App can be downloaded from the Google and Apple Stores.



“We are very proud to be involved in another project where we are having a direct impact on safeguarding the lives of care home residents and helping to reduce unnecessary ambulance callouts. This is another great example of how the public and private sector can work hard together and strive to reach our joint goal of creating better healthcare outcomes for all involved.”



Simon Claridge, CEO at Winnicare



MANGAR ELK Lifting Cushion

The ELK is a lifting cushion designed to lift from the floor.

EASY TO FIT

- Lifting cushion is inflated using an Airflo Compressor with a simple hand control
- Simple to use, requiring very little training
- Suitable for use inside or out
- Can be used by one carer

SIMPLE TO MAINTAIN

- Clean using a proprietary non-abrasive mild liquid cleaner.
- Easy to deflate, fold away and store
- The material is designed to exceptionally high standards with extraordinary durability, strength & performance in the toughest of environments

SAFE TO USE

- Lifts the frailest person up to 980 lbs from the floor
- Exceptionally rigid and stable
- Ideal for carers of individuals with neurological disorders who fall regularly

IMPROVES WELL-BEING

- Provides a safe, dignified lift for a fallen person
- Reduces the risk of musculoskeletal injury for the carer
- Can be used in confined spaces where traditional lifting equipment may not fit

TECHNICAL SPECIFICATIONS

Max user weight	450 kg
Max height	56 cm
Min height	Flat
Seat depth	50 cm
Width	57"
Total product weight	3.6 kg
Airflo Compressor	24
Lifting performance per charge	Up to 9 lifts



Features

1. **4-Way Hand Control.**
2. **Made from very strong polyurethane coated nylon material.**
3. **Remove or keep stability bar** to provide extra comfort for the user.
4. **Can be used to lift a stretcher.**
5. **Easy to setup** - connect the four hoses from the hand control to the corresponding numbers and coloured connectors on the ELK.
6. **Powered by an Airflo 24 Compressor.**

Accessories

- **ELK Stretcher Bars**
- **Slidesheet**
- **ELK End Cap Set**



Product code: MPCA070400



Scan me



MANGAR Camel Lifting Cushion

The Camel Lifting Cushion will both sit up and lift a fallen person.

EASY TO FIT

- Lifting cushion is inflated using an Airflo Compressor with a simple hand control
- Simple to use, requiring very little training
- Suitable for indoor and outdoor use
- Can be used independently or assisted

SIMPLE TO MAINTAIN

- Clean using a proprietary non-abrasive mild liquid cleaner.
- Easy to deflate, fold away and store in the carry bag provided
- Does not need a LOLER certificate
- The material is designed to exceptionally high standards with extraordinary durability, strength & performance in the toughest of environments

SAFE TO USE

- Lifts the frailest person up to 320 kg from the floor
- Stable and supportive
- Ideal for carers of individuals with neurological disorders who fall regularly

IMPROVES WELL-BEING

- Provides a safe, dignified lift for a fallen person
- Reduces the risk of musculoskeletal injury for the carer
- Individuals with a cognitive impairment are less distressed when lifted with a Camel
- The backrest gives additional support and is particularly suitable for bariatric patients

TECHNICAL SPECIFICATIONS

Max user weight	320 kg
Max height	56 cm
Min height	Flat
Seat depth	47 cm
Total length	112 cm
Width	70 cm
Total product weight	6.5 kg
Back/headrest length	81 cm
Airflo Compressor	24
Lifting performance per charge	up to 4 lifts



Features

1. **Easy to setup** - connect the four hoses from the hand control to the corresponding numbers and coloured connectors on the Camel.
2. **The head should lie on the Camel badge** and the body should lie centrally.
3. **The backrest** may be partially inflated before the lower sections.
4. **Made from very strong polyurethane coated nylon material.**
5. **Each layer inflates individually** ideal for single-handed care.



Accessories

- Slidesheet
- Camel Carry Bag



Product code: MPCA060400



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MANGAR Eagle Lifting Cushion

The Eagle lifting cushion will both sit up and lift a fallen person. It has a small footprint and can be used in small spaces such as a bathroom.

EASY TO FIT

- Lifting cushion is inflated using an Airflo Compressor with a simple hand control
- Simple to use, requiring very little training
- Suitable for indoor and outdoor use
- Can be used independently or assisted

SIMPLE TO MAINTAIN

- Clean using a proprietary non-abrasive mild liquid cleaner
- Easy to deflate, fold away and store in the carry bag provided
- Does not need a LOLER certificate
- The material is designed to exceptionally high standards with extraordinary durability, strength & performance in the toughest of environments

SAFE TO USE

- Lifts the frailest person up to 35 stone/ 220 kg from the floor
- Exceptionally rigid and supportive to back, neck and head
- Ideal for use in supported living apartments and home care

IMPROVES WELL-BEING

- Provides a safe, dignified lift for a fallen person
- Reduces the risk of musculoskeletal injury for the carer
- The backrest gives additional support to raise the person from lying to sitting
- Small footprint is ideal for use in a home environment

TECHNICAL SPECIFICATIONS

Max user weight	220 kg
Max seat height	56 cm
Min height	Flat
Seat depth	57 cm
Total length	112 cm
Width	64 cm
Total product weight	4.5 kg
Back/headrest length	52 cm
Airflo Compressor	24
Lifting performance per charge	up to 6 lifts



Features

1. **Easy to setup** - connect the four hoses from the hand control to the corresponding numbers and coloured connectors on the Eagle.
2. **The backrest** provides support to the back and head.
3. **Made from very strong polyurethane coated nylon material.**
4. **Each layer inflates individually** ideal for single-handed care
5. **Sides of the Eagle can be folded up** to allow manoeuvring into tight spaces.

Accessories

- Slidesheet
- Eagle Carry Bag



Product code: HXA0100



SCAN ME

TALK TO OUR CUSTOMER SERVICE TEAM

Designing care home bedrooms

Ask one of Area Sales Managers to call and show you the range of care home bedroom furniture available. Using an online configurator, you can select bed and head and footboards colours, as well as complimentary furniture to make your environment a home from home experience.

Ceiling hoists

Our ceiling hoist specialists will visit your premises to measure the space and design the tracking and lifting pod system. Totally bespoke and fitted by a qualified engineer, the Scandinavian styling will bring a modern feel to your care setting.

Selecting beds, mattresses and mobile safe patient lifting devices

Talk to one of our Area Sales Managers about the products that are the best fit for your business. All our products come with a standard warranty and we also offer extended servicing and warranty packages.

Ask our customer service team

If you have any questions about us, our products or our services, or would like to organise a free demonstration or arrange a visit from one of our team, please get in touch.



WHAT CAN WE DO FOR YOU?

Do you have questions about one or more products in this brochure or would you like to know more about Winnicare solutions for patient lifting, hygiene, beds, mattresses and cushions, please feel free to contact us at any time.

CONTACT US TODAY

For more information visit

www.winnicare.uk

Email: enquiries@winnicare.uk

Phone: 0800 2800 485

We look forward to hearing from you!



Luna Ceiling Hoist / Tracks / Mobile Flex systems / Stand Aids / Bedroom Furniture

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