

OPERATIONAL EQUIPMENT NOTE

Description of Equipment: Emergency Services Evacuation Kit
Manufacturer/Supplier: Promove UK
Model/Type: ES Kit and Barikit
Normal Location: TBA

Document History

Date/Revision	Author	Summary of Changes
05 January 2015	CC Le Cornu 170	



1: Function

Promove Barikit & Emergency Services Kit

This inexpensive kit, when placed on an appliance can eliminate the need for the controversial top-and-tail lift, significantly reducing the risk of additional injuries to the casualty, and risk of musculoskeletal injury to the operatives when moving or transferring. It also allows a casualty to be moved in a recumbent position while avoiding placing rescuers in an unsafe lifting position.

2: Description/Specification

The Emergency Services Kit comprises a sling suitable for a range of sized individuals, from a larger child or adolescent to a moderately bariatric adult up to 290kg, together with a set of 8 extension handles and a compact kit bag to carry it all.

The extension handles are loops of soft webbing that are simply attached to the sling handles and enable more than four operatives to share the heavier load or to assist handling in tricky situations, such as descending stairs. The extension handles can be daisy-chained for extra extension length.

In addition to the equipment mentioned, the Barikit also contains the following;

Bariatric and Super Bariatric Slings

- Bariatric Sling Grey with Red edge (Bariatric up to 400kg)
- Super Bariatric Grey with black edge (Large Bariatric up to 400kg).

Green Webbing Bugg Strap.

This can be used by passing it behind the individuals back or beneath the thighs to assist in getting the sling into the correct position. Orange extension handles can be attached to assist with this.

Grey Belt

The grey belt is primarily to be used to assist with supporting the legs of the casualty, this may require two operatives.

Blue Slide Sheet

A tubular slide sheet which can be used by tucking under the casualty/sling from the front, back or side to assist in moving the individual. Whenever possible use the slings in conjunction with the slide sheet to minimise or eliminate lifting.

3: Safety Features

There are no inherent safety features with this equipment, it relies on the use of appropriate manual handling techniques.

4: Method of Use

Place the sling behind the persons back bringing the person forward if necessary. The webbing side of the sling should be facing away from the casualty. Push the sling down as far as possible so that the V-shape cut is near the base of the spine. Bring the two elongated parts of the sling down to either side of the thighs.

Using the green Bugg Strap may help with this, Add the orange extension handles to the ends of the Bugg Strap when in place.

If the individual is lying down, the sling can be inserted with the assistance of the slide sheet. Edge the slide sheet beneath the casualty, then feed the sling between the layers of the slide sheet. Once in place remove the slide sheet.

Lean the individual slightly to one side if appropriate, tuck the sling partly under one hip, then raising each leg in turn, bring one of the elongated parts beneath both thighs and pull through to bring the coloured handles together. Repeat the procedure from the other side, passing the elongated part underneath the one already in place.

Using the Green Bugg Strap can help to raise the thighs while passing the sling underneath.

Both yellow handles should be held together and joined using the Velcro, then both Blue handles should be joined in the same way.

Turn the padded piece over if necessary to ensure that both webbing handles are enclosed within the padded fabric

Lying a bariatric casualty on their back may not be possible because of health or location issues. If the casualty is in a seated position, maintain the casualty in a raised position throughout if possible.

Ensure all operatives have a firm grip. On the guide of the lead operative, move and slide the casualty into the new location using the equipment as stated. Move in short stages, pause, and if necessary reassess. Remain aware of the wellbeing of the casualty and the rescuers throughout the process.

5: Precautions/Limitations of Use

The Promove equipment has a SWL that cannot be exceeded as this may result in the failure of the equipment, and subsequent injury to the rescuers and casualty. But ultimately the limiting factor will be the manual handling capability of the crew. Therefore it is paramount that good manual handling is adopted at all times, and that personal limits are not exceeded.

6: Safe System of Work

Minimum Level of PPE	Competence requirements
To be assessed by OIC	Equipment familiarisation and safe manual handling practices used at all times

Risk Assessment:

Potential risks and control measures associated with this equipment.

Risks:	Resulting in / from:	Control measures:
Failure of equipment	Misuse or neglect	All crew members being familiar with the equipment and its safe working loads. After use check Quarterly check
Manual handling related injuries	Improper manual handling techniques.	Safe manual handling practices employed at all times.

7: Inspection, Test & Maintenance

When	What	Who
After Use	Inventory Check (IC)	Firefighter
How		
Visually examine the equipment paying special attention to the stitching, check to ensure there is no damage to the equipment. If the slings are contaminated by oil, cleaning materials or unknown substances, they should be destroyed and replaced. However for light soiling, the equipment can be washed at 72 °C in a mild detergent. Do not use bleach or tumble dry!		

When	What	Who
Quarterly	Inspection Maintenance (IM)	Firefighter
How		
Remove equipment from storage location and visually inspect all fabric and stitching for signs of damage. The results of this test should be recorded using the unique serial number on each sling.		

What will cause this equipment to be taken off the run?
The equipment has a lifespan of 10 years if stored correctly and unused. Occasional use without visible signs of wear will reduce the lifespan to 6 years. If there are any visible worn areas or tears, abrasion or fading it should be destroyed and replaced.

8: Additional Information

N/A