Emergency Medical Retrieval Service (EMRS)
www.emrs.scot.nhs.uk

Standard Operating Procedure

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Aims
To provide familiarisation with the Ferno CCT6 trolley.

Application
All retrieval doctors and paramedics

Introduction

Specific advantages of the CCT6 trolley are:
- Equipment is secured to the trolley to maximise patient and escort safety
- Oxygen is contained securely
- There is an integral suction unit
- The trolley allows for a degree of position adjustment
- The patient is secured with a four point harness

Note, however:
- The height of the trolley is fixed
- There is no capability for head down tilt
- Most SAS paramedic ambulances have compatible mounting brackets, but it is appropriate to ask EMDC for a “Mid Tier Ambulance for the Ferno CCT6 trolley”.

SOP Ferno CCT6 Trolley
1. The Oxylog 3000 fits onto an identical bracket to that in the EC135
2. There is a small cupboard for checklists etc
3. The Propaq is secured with a bracket to a central pole, or can be hooked onto the side
4. Braun Perfusor pumps are secured to a central pole using the standard bracket
5. There is an integrated suction unit
6. Oxygen tubes hold E cylinders (not clearly seen in this photograph)
Harness and buckles

There is a four point chest harness (1) with additional cross straps at chest, thigh and ankle level (2). Folding IncoPads around these straps provides padding and keeps them clean (3).

One strap is fixed into the buckle of the four point harness. The other straps slot in when the lever is in the neutral position (1). The straps are released by twisting the lever (2) with a little tension on the straps. The 4-point chest harness and chest strap are held onto the trolley with metal clips: there are 6 in total (3). The straps can be adjusted in length when the reel is turned at right angles to the strap 4).

SOP Ferno CCT6 Trolley
Adjustments to the platform

The leg portion can be raised in two configurations. Lifting with both yellow “Lift” handles raises the leg section to the shape shown on the left. The thigh and ankle straps need to be undone first. Pulling the red “Release” tabs rapidly flattens the platform (watch fingers). Progression to the right picture is by lifting the end-bar (red arrow). This very end section can be dropped by means of a little pull handle in the centre of this end bar.

The backrest is adjustable through 90°. Lifting is assisted by a piston. The handle should be gently squeezed to operate it. Flattening the backrest without a patient’s weight requires more effort.

The headrest can be removed by pressing the little button in and pulling the headrest out; the length of the post cannot be adjusted but the headrest can be reversed to give less lateral support.
Oxygen Storage

There are two tubes for E-sized oxygen cylinders. The upper tube is difficult to access due to proximity to the suction unit, so it is easier to use the lower tube. The cylinder is secured by means of a metal collar that is held on with clips (1). These clips are secured in turn with split pins (2). There is a clip on each side. The fit is quite snug; this stops the cylinder rattling. The cylinder is fitted with a regulator which has both a flowmeter and a Schraeder valve. An E-cylinder holds 720 litres of oxygen.

Electricity

The single charging lead feeds a standard electrical distributor board fixed on the left hand side of the trolley
Suction Unit

The suction unit is (for all intents and purposes) fixed at the foot of the trolley. It is battery (not oxygen) powered. The on-off switch is at the left (arrow). A panel of little green lights shows the amount of negative pressure generated in bar (not kPa). There is a battery charge indicator panel at the far right. The unit runs to a 1000ml drainage pot. Fitting a Yankeur sucker should be done as part of the pre-transfer preparations.
The ventilator is secured on a retaining bracket. The bracket has two metal bars. Area 1 of the ventilator handle needs to rest on the lower bar (2). This means the ventilator hangs off this bar (right picture).

Swing the ventilator upwards to allow it to click into place. It should rest against the bracket and not swing once held in place by the clip at the back (right picture). Release this tensioned metal clip to remove the ventilator. This is the same bracket as in the EC135.