

MEMORANDUM OF UNDERSTANDING

Between

Aberdeen Royal Infirmary (ARI) in NHS Grampian and Raigmore Hospital in NSH Highland on the use and transport of External Fixators from Aberdeen to Inverness as a consequence of Major Incident with Mass Casualties requirements at Raigmore Hospital

Background

In the summer of 2020 the North Scottish Trauma Network purchased a quantity of Hoffmann external fixation system equipment (adult and paediatric) from Stryker for the use in a Major Incident with Mass Casualties (MIMC) event. This equipment is housed in the Major Trauma Centre (MTC) in Aberdeen on behalf of the North Trauma Network and is to be made available to the Trauma Unit (TU) in Raigmore Hospital should there be a MIMC event in the Highland region, or elsewhere in Scotland, creating a need for such equipment at Raigmore Hospital.

This Memorandum of Understanding (MOU) is entered into between ARI/Royal Aberdeen Children's Hospital (RACH) and Raigmore Hospital to facilitate the transport of this equipment in the event of such an occurrence.

Purpose

The purpose of this MOU is to establish the terms of the arrangement between the two hospitals mentioned above and it describes the process to follow should a MIMC event occur in the North of Scotland or elsewhere and the equipment is required at Raigmore Hospital. This agreement facilitates the free movement of critical equipment across the North of Scotland territorial boards in keeping with the spirit of the North of Scotland Trauma Network.

- I. Definition of a MIMC event:
Described as any number of casualties that exceeds the resources normally available from local resources, usually based upon available resources, number of injuries and severity of injuries.
- II. Current location:
The fixator kits are currently stored in the ARI Main Theatre Sterile Store and also the Sterile Stores of the RACH Theatres.
- III. The quantities and type equipment purchased by the North of Scotland Trauma Network can be found in Figure 1.

Figure 1 – List of fixation equipment stored at ARI/RACH

Date 08/07/2020
Quote # APIN-BM2ASY

NoS MTN External Fixation for Trauma Aberdeen RACH and ARI

Item No.	Catalogue No.	DESCRIPTION	Qty
1	49229941S	STERILE FIELD KIT HOFFMA NN3 KIT B	15
2	49221010	HOFFMANN III ROD TO ROD COUPLING	15
3	49221020	HOFFMANN III PIN TO ROD CLAMP	15
4	49222020	HOFFMANN III 5 HOLE PIN CLAMP	8
5	49212060	10 HOLE PIN CLAMP 4/5/6M M PINS & 8MM POSTS	2
6	49222140	HOFFMANN III 30 DEGREE P OST	6
7	49222120	HOFFMANN III STRAIGHT PO ST	6
8	49222160	HOFFMANN III 90 DEGREE P OST	6
9	49221025	PIN TO ROD COUPLING, MUL TIPLANAR HOFFMANN3 Å~4/5	2
10	49227220	SEMI-CIRCULAR CURVED ROD HOFFMANN3 Å~11X220MM	1
11	49228150	HOFFMANN III 11 X 150MM ROD	10
12	49228250	HOFFMANN III 11 X 250MM ROD	10
13	49228200	CONNECTING ROD HOFFMANN3 Å~11X200MM	10
14	49228300	CONNECTING ROD HOFFMANN3 Å~11X300MM	10
15	49228350	HOFFMANN III 11 X 350MM ROD	10
16	49228400	CONNECTING ROD HOFFMANN3 Å~11X400MM	10
17	49228450	HOFFMANN III 11 X 450MM ROD	10
18	49411058	ROD TO ROD COUPLING 8/5M M RODS	6
19	49411020	PIN TO ROD COUPLING 3/4M M PINS & 5MM RODS	12
20	49411010	ROD TO ROD COUPLING 5MM	16
21	49412200	PERI-ARTICULAR PIN CLAMP 3MM PINS	4
22	49412020	4 HOLE PIN CLAMP 3/4MM P INS & 5MM POSTS	10
23	49411100	TUBE TO ROD COUPLING 15M M TUBES &15MM RODS	4
24	49212120	HOFFMANN II MRI STRAIGHT POST	8
25	49212140	30DEG ANGLED POST 8MM	16
26	49410015	COMPRESSION/DISTRACTION TUBE 15MM DIA	2
27	50485065	CARBON CONNECTING ROD 5M M X 65MM	10
28	50485100	MRI SAFE CONNECTING ROD 5X100MM	10
29	50485150	CARBON CONNECTING ROD 5M M X 150MM	10
30	50485200	MRI SAFE CONNECTING ROD 5 X 200MM	10
31	50485250	CARBON CONNECTING ROD 5M M X 250MM	10
32	50485300	MRI SAFE CONNECTING ROD 5X300MM	10

Process

In the event of a MIMC event, a Hospital Control Team (HCT) will be stood up within ARI/RACH and Raigmore Hospital. Where multiple casualties requiring external fixation are taken to Raigmore, these are the process steps that should be followed if additional fixators are required:

- 1) The request should come from the Raigmore HCT to the ARI/RACH HCT using the e-mail gram.arimicontrolroom@nhs.scot detailing exactly what is required (quantity, rods, posts, clamps, eg.) and where it is to be delivered to. A confirmation of request e-mail will be returned to Raigmore HCT and agreement to be made via phone from one HCT to the other.
- 2) The ARI/RACH HCT will call the Emergency Theatre Desk in Aberdeen on **01224 554343** giving the details indicated in 1).
- 3) The person manning the Emergency Theatre Desk in ARI will collect the fixators from the store. It is advisable to have a sealable, rigid transport container to put them in.
- 4) If there is no immediate resources available at ARI to transport the equipment then they must telephone the Scottish Emergency Rider Volunteer Service (SCOTSERVS) on **0300 1211 999** and select Option 2. They will need to give the details of what they need transported and the pick-up and drop off points. SCOTSERVS is primarily a motorcycle service so they will need a rough estimate of the size of the shipment in order to arrange other means if necessary.
- 5) SCOTSERV will collect the fixator kits from ARI and deliver them to Raigmore.

- 6) Any kit not used by Raigmore Hospital is to be returned in original packaging to ARI once it is clear it will not be needed.

<p>NHS Grampian Signature:  Name: David Boddie Designation: Major Trauma Centre Clinical Lead for Ongoing Care Date 11/04/22</p>	<p>NHS Highland Signature:  Name: Charles Lee Designation: Trauma Unit Audit Lead/NoS Trauma Network Pre-Hospital Lead Date:20.01.22</p>
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