

Health Safety & Security Tool Kit

VRA026 RRV BMW i3



Activity:	RRV BMW i3	Location	All locations
Assessed By:	Health, Safety and Security	Reference Docs	GRA007 PES risk assessment, LJ67DZY
Date:	May 2019	Review Date	May 2020

Potential Hazard	Potential injury caused and how	Current Controls	Risk Score			Additional controls required	Completion date and by who
			C	L	Risk		
Familiarisation with the vehicle	Staff and patients could be injured	All staff will receive training on driving the vehicle. Familiarisation will be delivered by a competent driving instructor and the length of the session will depend on driver capability. Staff will receive familiarisation on all aspects of the vehicle. The driver position is unaffected by the build and is the same as provided by BMW. The bulkhead has been positioned to allow full travel of the drivers seat. The seatbelt position has not been modified by NWAS.	2	2	4	All driver familiarisation/training will be recorded – and signed by both parties	Training school
Equipment on the vehicle	Staff and patients can be injured if equipment not used correctly	All staff will receive training on the equipment within the vehicle and its storage locations. Pre-use vehicle and equipment checks are in place.	1	2	3	None	

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Carrying the kit bags / equipment from the vehicle to scene and back again	Injury to staff Manual handling / musculoskeletal disorder	The kinetics of lifting is covered on induction and during update training. Standard list of what should be carried in each bag should be followed at all times to reduce the weight of the equipment to be carried to scene. Lightweight oxygen bottles are in place across the service to further reduce the weight of equipment that is handled. Where equipment is provided in a backpack the backpack must be carried on both shoulders and not just one. Staff to take appropriate rest breaks where necessary when transferring equipment or ask for additional assistance. All vehicles are supplied with a manger elk which is charged on the vehicle staff are instructed on how to use the manger elk and stretcher bars as part of mandatory training.	2	2	4	None	

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Driving	Staff and patients and public can be injured	<p>All vehicles are constructed in accordance with Construction and Use Regulations and are monitored throughout the build process by representatives of the Vehicle Design and Equipment Group. Details of the construction and layout of the vehicle are contained within the Vehicle Specification document.</p> <p>All staff receive driver training on induction and refresher training where appropriate including safe driving and driving under blue light conditions. Staff receive training when significant changes are made to a vehicle.</p> <p>Lights to be used as per driver training instructions/conditions. Inappropriate driving or actions must be reported to the Line Manager. Seat belts to be worn at all times, unless exemption is applicable. Vehicle faults must be reported as soon as possible. All incidents to be reported via Datix.</p>	2	2	4	<p>Fleet to ensure vehicle compliance.</p> <p>Training school to deliver training</p>	

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Staff to respond to calls and be mobile within 30 seconds <i>Station security/egress from station /safety of vehicle charging plug</i>	Staff can be injured	To enable crews can respond as quickly as possible to each emergency call, staff are made aware of station security at each station they work at – including codes for station, which doors need locking, how and alarm numbers. Staff must ensure the charging plug is safely removed from the vehicle before moving off. Good housekeeping within in the station and leading to the vehicle are essential to ensure there are no slip / trip hazards.	2	1	3	None	
Blue light driving Possible RTC with other vehicles or pedestrians	Staff and patients can be injured	All PES personnel will attend blue light driver training before commencing driving duties. Sirens/vehicle lights should be used as per driver training instructions/road conditions and Road traffic legislation. Driver and any passenger to be secured in vehicle before vehicle departs scene using the seat belt.	2	3	6	None	
Slip, trip or fall	Staff and patients can be injured	A torch is provided located in the under the drivers console.	2	2	4	None	

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Impact from objects	Staff and patients can be injured	All items in the car have been allocated a place in drawers and/or secured by straps/webbing e.g. oxygen cylinders. Staff to be aware items may shift in transport. Staff to store items appropriately. The safe working load of the preparation shelf at the back of the car is marked up as SWL of 5kg.	1	1	1	None	
Head injury	Staff can be injured	Some infrequently used items will be stored in the boot area behind the drivers seat. Access is via the boot under the shelf staff to be made aware access is restricted.	2	1	2	None	
Road traffic collision	Staff and patients can be injured / trapped	Seatbelts are to be worn when driving the vehicle. A break glass hammer/ seatbelt cutter is provided. Air bags fitted to the vehicle along with reversing cameras.	2	1	2	None	
Fire	Staff and public can be injured	A fire extinguisher is located behind the passenger seat. Where necessary electrical equipment on the vehicle is ventilated to prevent the build-up of heat.	1	3	3	None	

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Sharps injury	Staff and patients can be injured	A sharps disposal bin is provided. Safety needles used where possible. All incidents reported via Datix are investigated by the Trust and longer-term minimisation controls introduced as appropriate.	2	1	2	None	
Violence and aggression	Staff and patients can be injured	Staff provided with conflict resolution training. All incidents to be reported via Datix system / police. All incidents reported via Datix are investigated by the Trust and longer-term minimisation controls introduced as appropriate.	2	2	4	None	
Smoking	Staff and patients can be injured	Smoking and e-cigarettes use is not allowed in Trust vehicles.	1	1	1	None	
Infectious substances, contact with blood borne diseases, flu, scabies etc.	Staff and patients can be exposed	Personal protective equipment is available gloves, aprons, mask, glasses etc. Waste materials can be disposed of the using the domestic and clinical bins provided on the vehicle. Work surfaces within the vehicle are selected so as to be easily cleaned. All incidents reported via Datix are investigated by the Trust and longer-term minimisation controls introduced as appropriate.	3	1	3	None	

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Access to communication equipment	Manual handling injury to NWAS engineers	All staff are instructed in manual handling techniques. Access to the communications equipment located under the boot area has been designed to minimise manual handling injuries. The central partition can be quickly unscrewed and is hinged to drop down onto the boot base which can then be removed. The cage for the communications equipment is provided with handles to aid being lifted out of the car.	2	2	4	None	

Vehicle LJ67 DZY associated photos available in s:/Medical/Risk and Safety/HSS/Risk Assessments/3 Vehicles/BMW i3 RRV Photos Oct 2017

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