

Land Rover Burghley Horse Trials  
Medical Support Plan 2022



**Medical Support Plan  
Burghley Horse Trials 2022  
6 January 2022**

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Land Rover Burghley Horse Trials  
Medical Support Plan 2022

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# Land Rover Burghley Horse Trials Medical Support Plan 2022

## **Introduction**

With over 160,000 visitors over the four days, more than 600 carefully selected exhibitors, around 80 of the world's top competitors and a prize fund of over £300,000, 21st century Land Rover Burghley Horse Trials is a far cry from the inaugural event, which took place more than 60 years ago with just 19 competitors and in front of a mere 12,000 people.

Today the event has become one of the most popular and highly regarded within the equestrian and social calendars and ranks within the UK's top ten national sporting occasions by attendance. It has also been voted a firm favourite amongst riders from all over the world, securing the coveted L'Annee Hippique award an incredible seven times – a record within international Eventing.

Burghley Horse Trials is one of only seven CCI 5\* events worldwide, the star rating denoting the highest standard of event and the most challenging test of horse and rider.

# Land Rover Burghley Horse Trials Medical Support Plan 2022

## **Intention**

It is our Aim to:

- Establish the timely availability of Medical services to all parts of the event site, including the car parks, caravan park and related areas.
- Provide a high-quality primary and emergency care facility onsite, to enable definitive medical treatment to be provided where possible
- Ensure timely and appropriate referral and transport of patients requiring medical treatment that cannot be provided onsite
- Minimise the impact of the event on the local health community
- Ensure a prompt and co-ordinated medical response in case of a major incident, in conjunction with the statutory ambulance authority
- Comply with or exceed the recommendations of the relevant sections of the Event Safety Guide (the 'Purple Guide')

## **Main Medical Centre – Showground**

This facility will be operational from 0700 until 1900 on Thursday, 1<sup>st</sup>, Friday, 2<sup>nd</sup> and Sunday 4<sup>th</sup> September and from 0700 until 2000 Saturday 3<sup>rd</sup> September; it will be a tented and Portacabin structure located between the rear of the Main Arena and Henson's highway. It will have dedicated vehicle access to the rear.

The Medical Centre will be staffed with a combination of medical providers with an aim to provide a service to allow visitors to be supported in their medical needs. This will provide a wide range of clinical experience and expertise.

It will deliver the following facilities:

- A fully equipped Resuscitation area, for the reception and stabilisation of seriously ill or injured patients
- An area equipped for the assessment and treatment of patients with less serious conditions, to include facilities for walking and stretcher patients
- Urgent Care service for minor injury and illness
- Deploy mobile provision to Event village

## **Stables Medical Provision**

Non-Emergency medical cover is provided by the main medical centre; patients can be directed there from the stable manager's office. In the event of an emergency occurring, then an ambulance crew will be deployed to the stables area from the main site to see the patient.

On Saturday 3<sup>rd</sup> September a doctor from the Event will be provided to cover the stables area. The doctor will reassess competitors who have become injured on the cross country course, and complete neurological testing. This will only be during the cross country phase.

## **Site Ambulance Day Cover**

The crew will be onsite from Monday 29<sup>th</sup> August until Sunday 4<sup>th</sup> September. They will be able access all parts of site and provide emergency cover 0700-1900 during the build and break phase of the event and during show days. They will be contactable by site radio and through the Event Control.

### **Site Ambulance Night Cover**

Throughout the week at night, a 4WD Ambulance, crewed by a HCP ALS provider + Crew, will be present during nighttime hours 1900-0700. The crew will be onsite from Monday 29<sup>th</sup> August until Monday 5<sup>th</sup> September. They will be able access all parts of site and the members caravan park to provide emergency cover and will be contactable by site radio and through Event Control.

### **AED's**

All Medical facilities onsite and Medical vehicles will hold an AED, in addition there are AEDs available at the following set locations;

- Organiser's Office
- Site Office (End of Avenue A)
- Members Caravan park – Stewards Caravan

### **Ambulances**

The Medical Provider will be providing a mix of 4WD and conventional ambulances for the event, to allow for emergency access and transport to all areas of site, and from site to hospital if required. The number and type of vehicles onsite will vary throughout the event, as detailed in **APPENDIX B**.

East of England Ambulance Service will be providing one paramedic crewed ambulance during show hours from Thursday, 1st September to Sunday 4<sup>th</sup> September. It will be stationed in the Main arena but can be used for urgent offsite transfers if the Chief Medical Officer deems this necessary.

Each day an ambulance will be designated for offsite transfers, crewing of this vehicle will be determined by the clinical need of the patient. Specialist staff can be deployed to assist in the transfer if required.

### **On Course Medical Post**

In order to minimise vehicle movements on the Cross Country Course, Medical provision will be provided on the cross country cross on Saturday 3<sup>rd</sup> September. The options available to the Medical Post's will be:

- To provide definitive care
- Direct patients onward to the main medical centre for further care
- Provide immediate care whilst awaiting ambulance support and transport

### **Mobile Critical Care Teams**

On Saturday 3<sup>rd</sup> September a number of Mobile Critical Care teams will be deployed to the cross country cross to deal with injuries sustained to competitors. They will be allocated a sector of the course and respond accordingly.

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It is however recognised that with the skills of the teams, they may be available to provide advanced care to patients who become acutely unwell or injured who are not competitors and as such can be deployed to other areas of site as required. But this must be after discussion with Medical Control and the Chief Medical Officer.

The Mobile teams will be equipped with 4WD Rapid Response Vehicles equipped with all necessary emergency equipment, including defibrillators, Suction, emergency drugs, advanced analgesia, RSI capability and Splinting equipment.

### **Air Ambulance**

On Saturday 3<sup>rd</sup> September a Helicopter will be available during competition hours for the timely evacuation of casualties. It will need to be crewed appropriately from the staff of mobile Critical Care teams, which may necessitate changing people's roles on the day to back fill spaces. For example moving an appropriately trained member of staff from their position onto the Mobile Critical Care team.

### **Medical and First Aid Provision at Cross Country Fences**

On Saturday 3<sup>rd</sup> September all fences on course will be allocated a Doctor with emergency equipment, who will be responsible for that immediate care and management of a fallen rider.

### **Liaison with other services**

East of England Ambulance Service will deploy a liaison officer to the site on Saturday 3<sup>rd</sup> and Sunday 4<sup>th</sup> September. This officer will be based in the Showground Event Control, to provide liaison with the statutory ambulance service, and provide immediate support and management in the event of the declaration of a Major Incident.

It is also noted that due to the event location we also will have involvement with East Midlands Ambulance Service, in that emergency calls made from site are directed to their control room. This will mean we will need to liaise with them. We will provide all medical cover on site for them, preventing unnecessary additional vehicles onsite, but may at times request assistance with evacuation of patients.

We will liaise with the receiving hospitals (UHCW and PCH) prior to the event to ensure that they are aware of our presence and capabilities onsite. Through the event we will maintain liaison with the receiving hospitals during the event to ensure appropriate distribution of patients requiring further care.

### **Control and Communication**

All Medical resources on site will be controlled from the Event Medical Control. This will be operational from Thursday 1<sup>st</sup> September until Sunday 4<sup>th</sup> September. The Control will be equipped with a dedicated landline phone and Radio communications, and will maintain communication with the following:

- All Ambulances on Site
- All Medical staff on site
- Event Control
- Chief Medical Officer

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On Saturday 3<sup>rd</sup> September a separate Cross Country Medical control will be set up for the Cross Country course. This is due to the increased volume of traffic on this net. It will be situated in the Medical HQ Cabin next to the lake. They will have a dedicated landline phone and Radio communications, and will maintain communication with the following:

- All Medical staff on the cross country course
- Mobile Medical Teams
- Event Medical Control
- Chief Medical Officer
- Event Control
- Cross Country Control

All resources onsite will be issued with a radio, either from the medical provider radio supply or the Event medical supply. These use dedicated frequencies (to be agreed by the event).

The East of England Ambulance Officer will be issued an event radio to be contactable by control, but they will also use its Airwave communication equipment as usual to contact hospitals and their own Ambulance service control room.

A number of staff on site will have their own Airwave radios and these maybe used at the discretion of the Chief Medical Officer if a need is identified.

All requests for assistance on site will be dealt with by the Event Medical Control; we will reach an agreement with EMAS and EEAST regarding the response to '999' calls which may be from site, e.g. by members of the public or other mobile phone users. We would anticipate these would be passed to Event Medical Control and an appropriate onsite medical resource could be deployed in the first instance. This will help to reduce additional vehicle movements.

The Control operators will maintain a log of all communications relating to the medical operation, together with the actions taken. The Event will retain these logs in secure storage with other event records in case of query

### **Offsite Incidents**

We will aim to respond to incidents within the event perimeter and all incidents occurring outside the event perimeter, including the surrounding roads, remains the responsibility of the statutory ambulance service (EMAS, EEAST).

However due to the nature and size of the event it is likely that site medical resources may become aware of such incidents directly, and before the Ambulance Service Control are aware. Equally, traffic conditions and local geography may mean that an Ambulance Service response is significantly delayed. Where operationally possible, we will respond to any such incidents that we are made aware of; in the case of incidents notified directly to the Event Medical Control, the duty controller will ensure the Ambulance Service Control is made aware of the incident and our initial response to it.

Non event patients should not be brought into site for further treatment, nor will event resources be used to transport them to an offsite hospital for further treatment. In the event that further medical treatment is required, Event Control will liaise with Ambulance service control and asked them to provide a suitable transport resource.

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Where delay in waiting for further Ambulance service resources will place patients at risk of death or significant deterioration then a decision will be made by the Event Medical control in conjunction with the Chief Medical Officer, on a case by case basis as to the best course of action. This may include the deployment of further onsite resources (Doctor/Specialist Skills) or the release of a site ambulance for immediate transfer to hospital.

### **Hospitals**

The listed receiving hospitals for this event are Stamford and Rutland Hospital, Peterborough City Hospital and University Hospital Coventry and Warwickshire.

Stamford and Rutland Hospital

Minor Injuries Unit

Monday to Friday 0900-1700

Tel: 01780 764151

Address: Ryhall Road, Stamford, Lincolnshire, PE9 1UA

Peterborough City Hospital

Trauma Unit

Tel: 01733 678000

Address: Edith Cavell Campus, Bretton Gate, Bretton, Peterborough, Cambridgeshire, PE3 9GZ

University Hospital Coventry and Warwickshire

Major Trauma Centre

Tel: 02476966200

Address: Clifford Bridge Road, Coventry, West Midlands CV2 2DX

Addenbrookes Hospital

Major Trauma Centre

Tel: 01223 245151

Hills Road, Cambridge, CB2 0QQ

**APPENDIX F** shows the facilities and services available at each of the Local Hospitals

Where appropriate patients requiring hospital, will be referred directly to the admitting speciality. This will ensure a more timely management of patients.

Subject to the needs of the event we will provide transport back from hospital for patients to return to site once they have completed their treatment; Patients conveyed to hospital will be provided the contact details to access this service.

In the event of an aero medical evacuation a suitable helicopter landing site will be identified. Helicopter support is onsite for Saturday 3<sup>rd</sup> September, only at the request of the Mobile Critical Care teams and Chief Medical Officer. During the rest of the Event it should only be deployed at the request of the Senior Doctor on scene.

### **Documentation**

All patients contacts will be documented on record sheets provided. Patients transferred to hospital or requiring follow up from GP will be provided with a copy of their medical record.

These records are confidential when completed; a summary of patient complaints will be available to the event at the end of the weekend. Any incidents which appear to be reportable

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under RIDDOR and related legislation will need to be reported the onsite Health and Safety Officer and the Chief Medical Officer. This will allow appropriate investigation and remedial action to be taken.

Patient Records will be maintained by the Medical Provider completing the record but should be available to the Event if requested.

### **Staff**

Medical Staffing levels proposed for the event are based upon our experience from previous years and reflect the expected workload and case mix. They comply and exceed the requirements of the Event Safety Guide. Full details in **APPENDIX A, B**

Doctors are required to have full GMC registration and be appropriately trained and qualified. Mobile Medical teams Doctors will have enhanced skill mix in acute care competencies.

Nurses will have full NMC registration and current ILS certification. Many hold additional skills such as suturing, prescribing and ENP or Trauma qualifications.

Paramedics all hold HCPC registration and are empowered to work to their full scope of practice.

First Aiders will have a range of skills appropriate to their level of practice.

All Staff onsite will wear appropriate uniform that readily identifies them as medical staff. The event will provide accreditation as required.

### **Press and Media**

We will provide general information regarding number of patients seen and the number conveyed to hospital on request. No further information regarding individual cases will be made available. Any further requests will be dealt with by the Chief Medical Officer and the Event Press officer.

### **Health and Safety**

The health, safety and welfare of the staff deployed to this event is of prime concern to the Event; all staff regardless of the organisation they are working for will be required to work to the Event Health and Safety Plan.

The Event Health and Safety Officer will be responsible for Health and Safety matters during the Event. Any member of staff suffering an injury or occupational illness must report to the main medical centre, where a statutory accident book will be kept.

### **Arrangements in case of Major Incident**

Each organisation will refer to the Serious Incident Management Plan; the Incident will be managed internally until relieved by the statutory services.

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Appendix A  
Event Risk Assessment

BURGHLEY ASSESSMENT

14.7.16 (A) JKINMAN

Amended 17/2

Appendix 8 - Calculations - First Aid Provision (Continued on reverse)

TABLE 1

A - NATURE OF EVENT (score 1 question only)

Guide	Scored
Classical performance	2
Public exhibition	3
Pop / rock concert	5
Dance event	8
Agricultural / country show	2
Marine	3
Motorcycle display	3
Aviation	3
Motor sport	4
State occasions	2
VIP visit / summit	3
Music festival	3
Bonfire / fireworks display	4
New Years celebration	7

Demonstrations / marches / political events

Low risk of disorder	2
Medium risk of disorder	5
High risk of disorder	7
Opposing factions involved	9

B - VENUE (score 1 question only)

Indoor	1
Stadium	2
Outdoor, confined e.g. Park	2
Other outdoor e.g. festival	3
Widespread public location in streets	4
Temporary outdoor structures	4
Includes overnight camping	5

C - STANDING / SEATED (score 1 question only)

Seated	1
Mixed	2
Standing	3

D - AUDIENCE PROFILE (score 1 question only)

Full mix in family groups	2
Full mix not in family groups	3
Predominately young adults	3
Predominately children and teenagers	4
Predominately elderly	4
Full mix rival factions	5
<b>TOTAL FOR TABLE 1</b>	<b>8</b>

TABLE 2

E - PAST HISTORY (score 1 question only)

Good data, low cas rate < 1%	-1
Good data, med cas rate 1-2%	1
Good data, high cas rate >2%	2
First event, no data	3

F - EXPECTED NUMBERS (score 1 question only)

< 1000	1
< 3000	2
< 5000	8
< 10,000	12
< 20,000	16
< 30,000	20
< 40,000	24
< 60,000 ←	28
< 80,000	34
< 100,000	42
< 200,000	50
< 300,000	58

TOTAL FOR TABLE 2

TABLE 3

G - EXPECTED QUEUING (score 1 question only)

Less than 4 hours	1
More than 4 hours	2
More than 12 hours	3

H - TIME OF YEAR (score 1 question only)

Summer	2
Autumn	1
Winter	2
Spring	1

I - PROXIMITY TO NEAREST A&E (score 1 question only)

Less than 30 minutes by road	0
More than 30 minutes by road	2
More than 30 minutes by road	2

J - PROFILE OF DEFINITIVE CARE (score 1 question only)

Choice of A&E departments	1
Large A&E department	2
Small A&E department	3

K - ADDITIONAL HAZARDS

Carnival	1
Helicopters	1
Motor sport	1
Parachute display	1
Street theatre	1

L - ADDITIONAL ON SITE FACILITIES

Suturing	-1
X-ray	-1
Minor surgery	-1
Plastering	-1
Psychiatric / GP facilities	-1

TOTAL FOR TABLE 3

TOTAL FOR TABLE 1

TOTAL FOR TABLE 2

TOTAL FOR TABLE 3

TOTAL SCORE

Please see overleaf for conversion chart

Please Note:

Event organisers are responsible, in line with existing Premises Licences for making adequate provision for first aid. The Event Industry Forum is currently writing guidance to help with first aid and medical assessments for an audience at an event. In the meantime this table may assist with your calculations, please note however that while it may still prove useful it is based on information contained within the HSE's Purple Guide which is no longer current.

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Appendix B  
Medical Staffing

**Monday to Wednesday Provision 0700-1900**

Double Crewed Ambulance x 1 (Paramedic + 1) 4x4

**Thursday and Friday Provision 0700-1900**

Double Crewed Ambulance x 3 (Paramedic + 1) Road Vehicle

Double Crewed Ambulance x 1 (Non Paramedic) Road Vehicle

Double Crewed Ambulance x 1 (Paramedic + 1) 4x4

Event Medical Control team x 2

Event Medical Centre with HCP support

Provision for Mobile foot teams for cover in the event village

**Saturday Showground provision 0700- 2000**

Double Crewed Ambulance x 1 (Paramedic + 1) Road Vehicle

Double Crewed Ambulance x 1 (Non Paramedic) Road Vehicle

Event Medical Control team x2

Event Medical Centre with HCP support

Provision for Mobile foot teams for cover in the event village

**Saturday Cross Country Provision 0900 -1700**

Double Crewed Ambulance x 4 (Paramedic + 1) 4x4

Double Crewed Ambulance x 2 (Paramedic + 1) Road Vehicle

Medical Post for first aid provision on cross Country Course x3 (2 Staff, can be based in an ambulance or first aid post)

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**Sunday Provision 0700 - 2000**

Double Crewed Ambulance x 3 (Paramedic + 1) Road Vehicle

Double Crewed Ambulance x 1 (Non Paramedic) Road Vehicle

Double Crewed Ambulance x 1 (Paramedic + 1) 4x4

Event Medical Control team x2

Event Medical Centre with HCP support

Provision for Mobile foot teams for cover in the event village

**Monday to Sunday Night time Provision 1900- 0700**

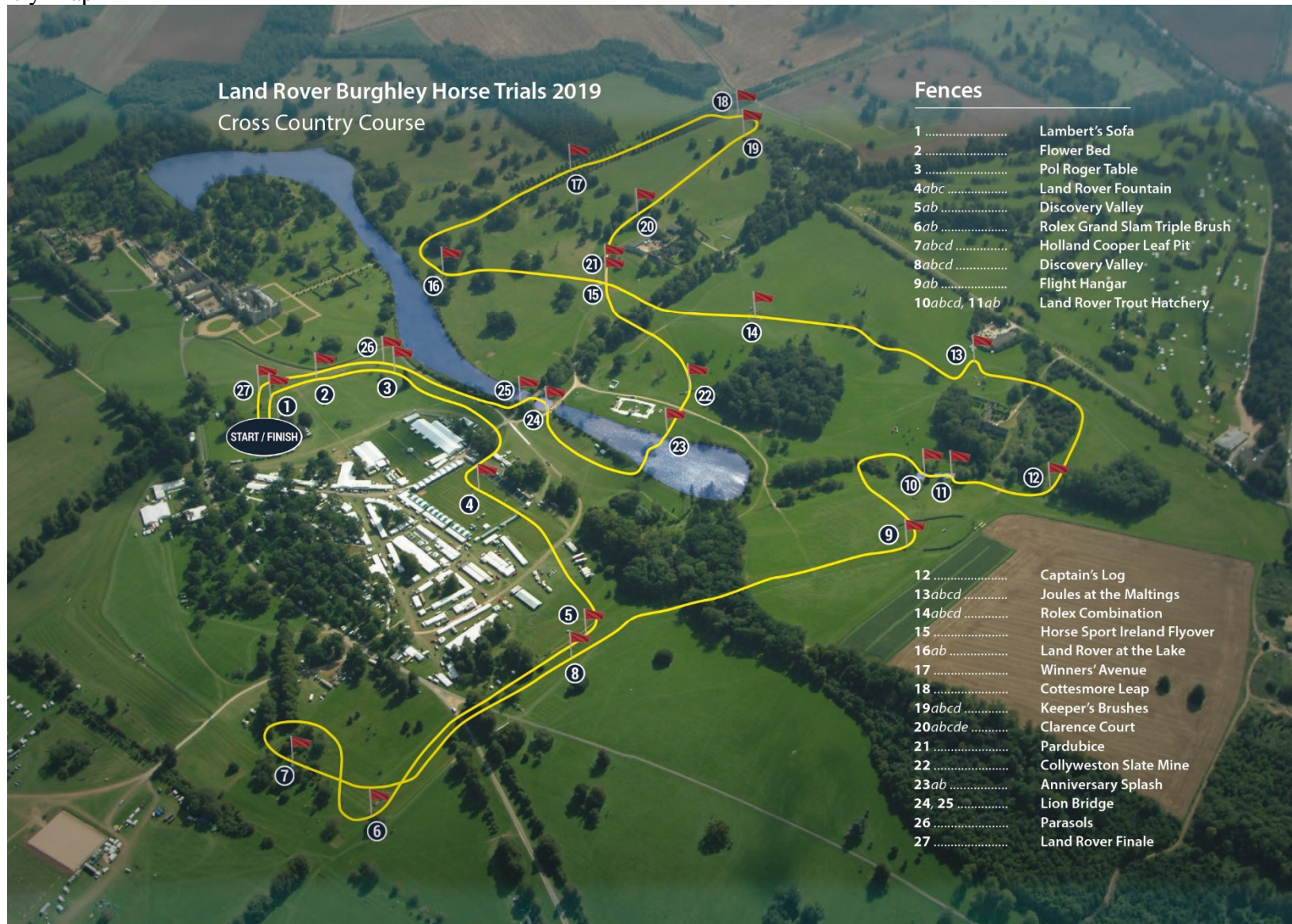
Double Crewed Ambulance x 1 (HCP ALS Provider + 1) 4x4

**Monday Post Event 0700-1800**

Double Crewed Ambulance x 1 (HCP ALS Provider + 1) 4x4

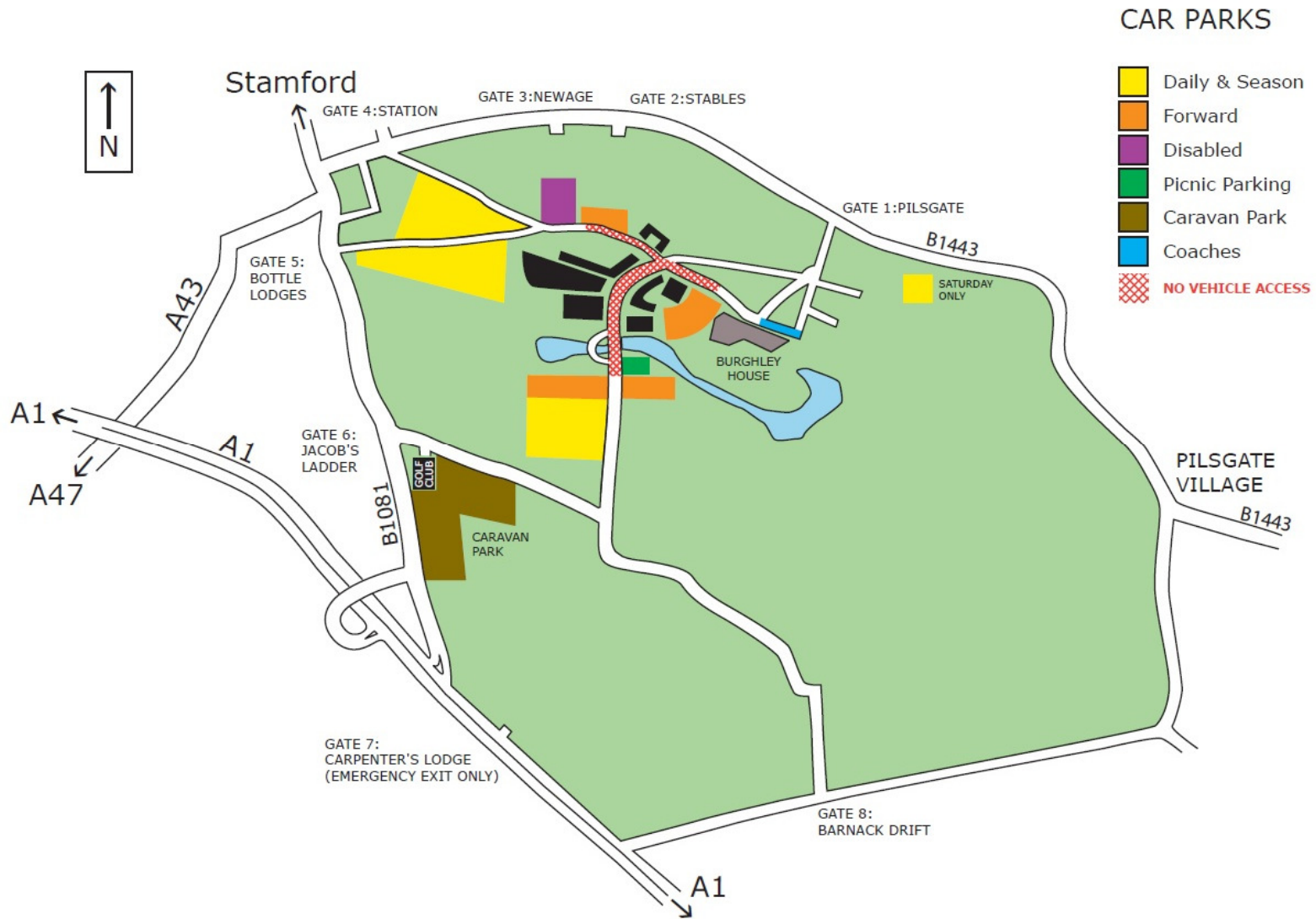
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Appendix C  
 Cross Country Map



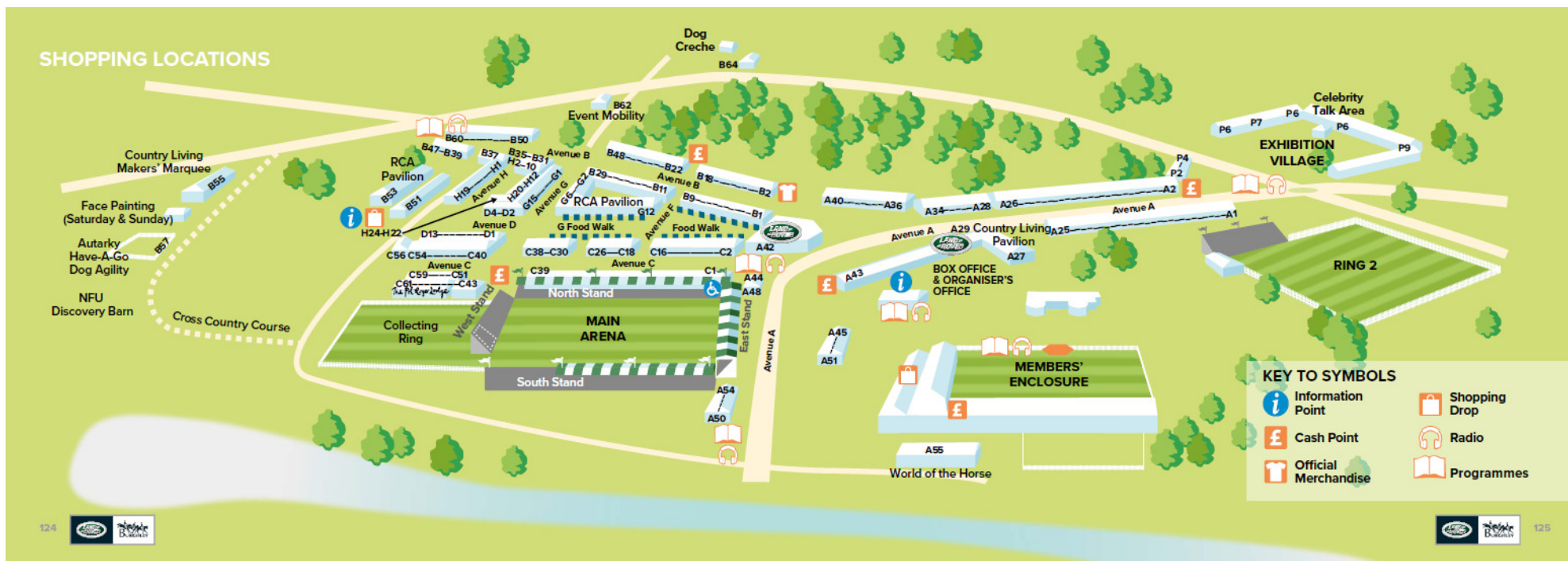
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Appendix D  
 Car Parks and Gates



# Land Rover Burghley Horse Trials Medical Support Plan 2022

## Appendix E Site Map



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Appendix F  
Medical Facilities

Name	Contact	Location	Capabilities	Operating Hours	Limitations	Other good to know information		
Stamford Minor Injuries Unit	01733 678000	PE9 1UA	Limb/Back Injuries	Mon- Fri 0830-1830	No x-ray	8 mins by car		
			Minor Burns					
			Minor Head Injuries					
Stamford Out of Hours	01780 762906		GP/ ANP led	Mon - Fri 1900-2200	Weekends 0800-2200			
Peterborough City Hospital	01733 678000	PE3 9GZ	Emergency Department	24 hours	Not MTC	Ambulance Entrance turn right on entry to hospital		
			Cardiology				No Cath Lab	20 mins by car
			ENT					
			General Surgery					
			Gynaecology					
			Maternity					
			Ophthalmology					
			Maxial Facial					
			Plastics					
			Trauma and Orthopaedics					
Urology								
Papworth Hospital	01480 830541	CB23 3RE	Cath Lab	24 hours		Access through Ambulance Officer		
			Coronary Care Unit				42 mins by car	
University Hospital Coventry and Warwickshire	02476966200	CV22DX	Level1 MTC	24 hours		12 min flight time 70 mins by car		
Addenbrooks Hospital	01223 245 151	CB2 0QQ	Level1 MTC	24 hours		10 mins flight time + Ground transfer 60 mins by car		