

## **Health Education Southwest - Severn**

Training will take place predominantly within an area currently covered by Great Western Air Ambulance Service. This area contains approximately 2.4 million people.

The ambulance service attends 264,000 patients per year.

Medical pre-hospital cover within this region is primarily delivered by the Great Western Ambulance Critical Care Team (GWACCT); this is a team of doctors and critical care paramedics who attend critically ill and injured patients within the region. They work closely in conjunction with both the ambulance service and the air ambulance charity.

There are currently 6 consultants who provide training and governance on a 24/7 rota. The majority of supervision and training for PHEM trainees will be directed by these consultants. Training is based at Filton airport base in central Bristol

Depending on prior experience, PHEM trainees will have the opportunity to spend time in the following clinical areas. The programme has some flexibility so that training can be adapted depending on the trainee's prior experience and base specialty. It is estimated that 3 weeks in every 6 months will be a secondment in one of these areas.

Advanced medical cover in GWAS is provided by the great western ambulance critical care team.

It currently provides medical cover to the great western air ambulance 7 days a week with a shift being 0700-1900. In addition there is a 1300-0100 rapid response vehicle (RRV) shift. These shifts are now 100% covered by a critical care paramedic. The air ambulance has medical cover on 90% of shifts and the RRV approximately 20%. The ambition of the service is to improve medical cover to 100% of the time. In addition we aim to ultimately provide medical cover on the region's second air ambulance which has night HEMS capability. Ultimately in the future there are 4 shifts possible in the region per 24 hours.

During the calendar year 2011, GWACCT had a doctor on duty for 2380 hours. This was either on the Great Western Air Ambulance or on a RRV.

In this time the team attended 1492 incidents;282 cardiac arrests were attended with a 40% return of spontaneous circulation (ROSC) rate;78 episodes of pre-hospital rapid sequence induction (RSI) and intubation were undertaken;76 further episodes of procedural sedation occurred;5 secondary transfers were provided by the team (not their primary role).

There are currently 15 doctors working for the service, from a variety of hospitals. All are currently post FRCA or FCEM and have undertaken a period of training and a sign off. As well as the PHEM training all trainees based in Severn will complete this.

Bristol is England's sixth biggest city with a metro population of over 1 million people, surrounded by beautiful countryside. This leads to a varied mix of work similar to other regional air ambulances.