



Medical Review Officer Part 1

09:15 – 09:30 REGISTRATION WITH COFFEE

09:30 – 11:00 ROLE OF THE MRO and THE MEDICAL REVIEW

The MRO has no legal status in the UK, yet their role is critical in the interpretation and subsequent employer actions. The limitations of the MRO are clearly explained and guidelines are offered to the administrative flow of information.

Whether by telephone or face-to-face, the MRO needs to be prepared and informed. The group will develop the key points of a standard operating procedure and compare the US to the UK approach. Where does the responsibility lie between the MRO and donor?

11:00 – 11:15 Coffee

11:15 – 12:00 ADULTERANTS AND SPECIMEN VALIDITY TESTS

A look at the many ways a sample can be adulterated and how labs and POC devices attempt to detect them.

12:00 – 12:30 DRUG METABOLISM

The internet is increasingly adding to individual's knowledge, however sorting out fact from fiction can be a full time job. Here we dispute myths about cannabis and poppy seeds for example, talk about adulterants and look to the future of drug misuse.

12:30 – 13:30 Lunch

13:30 – 15:00 DRUG METABOLISM continued

Second part of material to be covered.

15:00 – 15:15 Tea

15:15 – 16:30 CASE STUDIES

To put the above into practice a wide selection of fictitious cases are studied, not all as clear as they may seem. This includes anything relevant to the day's proceedings.

Study hours = 5.5



Medical Review Officer Part 2

09:15 – 09:30 REGISTRATION WITH COFFEE

09:30 – 11:00 WHICH BIOLOGICAL SAMPLE?

With advancements in technology, alternative biological samples such as hair, oral fluids, sweat etc. can now be analysed for drugs. This section will look at the pros and cons of alternative samples, sample collection, analysis, cut-offs and uses. Their legal rigor will be investigated.

11:00 – 11:15 Coffee

11:15 – 11:45 METABOLIC PROFILES

A look at five major drug groups comparing urine to hair to oral fluid to sweat and blood.

11:45 – 12:30 POINT OF CONTACT TESTING

These devices allow for near instant 'results'. However without a full understanding their use can place a company in court. With numerous devices to examine, this section provides an opportunity for their usage to be evaluated.

12:30 – 13:30 Lunch

13:30 – 14:00 QUALITY STANDARDS

Quality is an issue no one can afford to avoid and here we will look at the minimum standard that should be offered by a laboratory. This will include accreditations and UK, European and US Guidelines.

14:00 – 14:30 MANAGING CHALLENGES

Every donor who generates a positive result has the right to challenge the findings and it is the MRO who manages this procedure. Guidelines including a flow chart and template letters are discussed.

14:30 – 15:15 ALCOHOL

With so many ways of measuring alcohol which way is fit for purpose? Should you actually measure alcohol or biomarkers such as EtG/EtS and FAEE?

15:15 – 15:30 Tea

15:30 – 16:00 MULTI CHOICE QUIZ / EXAM

Minimum of 30 multi choice questions with a 75% 'pass' mark on material covered on the day or pre-event homework.

Study hours = 4.5

FOM does not consider an exam as a learning event.

Speaker: Helen Vangikar, Toxicology Consultant

Helen Vangikar reserves the right to alter the programme content or speakers up until and during an event due to circumstances beyond her control.