LABORATORY TRAINING PROGRAMME – WFH FELLOWSHIP VISITORS

Based on a 4 week lab placement

Format

Discussions, formal and informal data presentations. One to one discussions. Observations. Review of SOPs. Important guidelines and literature. WFH lab manual. End of week review with revision of important topics according to specific needs.

Week one

Familiarisation, orientation, introductions, detailed planning of priorities, discussion of existing facilities in visitor’s centre including staffing/instrumentation/reagent availability etc.
Finalisation of agreed agenda/programme

Staff - head scientist and lab section leaders as required

Routine coagulation screening tests, prothrombin times, APTT, corrections, reagent selection and assessment. Pre analytical variables. Thrombin times and corrections, assessment of contaminating substances. Fibrinogen analysis by different methods.
Preparation, characterisation, storage, value assignment for IQC materials. Abnormal result protocols
Automated and semi automated coagulometers and use of manual techniques
Troubleshooting methods, troubleshooting IQC results,

Staff _ Routine section leader, head scientist and senior colleagues

Week 2

Factor VIII assay design, reagents, interfering substances, Calibration. Assay at low levels. Antiphospholipid effects. IQC use, value assignment. Selection and assessment of deficient plasmas. Result calculation
Use and interpretation of EQA results
Assay of Factor IX and other clotting factors

Staff _ Assays section leader, head scientist and senior colleagues

Week 3

VWD investigation. VWF antigen by ELISA and latex assay.
Staff _ Assays section leader, head scientist and senior colleagues

Week Four

Platelet function testing – pre analyticals, aggregation, agonist, reference ranges, reagent preparation and storage. Result interpretation.

Testing for Lupus anticoagulant in the differential diagnosis from bleeding disorders

Staff – Platelet function section leader, Antiphospholipid section leader

Review and revision of issues according to specific needs. Discussion of local priorities and plans. Establishing future plans including future interactions, next stages

Head scientist and senior colleagues as required depending on agreed priorities