

Specialist Portfolio Clinical Chemistry Competence - 7.14 Therapeutic Drug Monitoring

Name:

To be signed off by appropriately qualified staff after satisfactory performance observed and knowledge displayed

	Trainer		
	Name	Grade	Signature
7.14a Essential requirements of Therapeutic Drug Monitoring (TDM)			
Explain the need for sample and last dose time to a variety of professional groups (phlebotomist, nursing staff [including community based staff], hospital clinicians and general practitioners)			
Explain the reasons for the difference in measured concentration using different assay technologies			
Locate information for sample requirements for TDM not performed in your department			
Explain the methodological techniques used in TDM			

7.14b Core Drugs			
Confirm that the sample was collected at the optimum time since last dose			
Perform the timely analysis of antimicrobial drug in plasma/serum and validation of result			
Monitor results, consider possible interference, and take appropriate action			
Report results appropriately to the significance of the result			
Complete all relevant documentation in accordance with quality control and audit requirements			
7.14c Drug Monitoring Investigations			
Provide advice on the correct procedure for sample collection			
Either analyse or process sample for transport to referral laboratory			
Correctly enter results and any comment to laboratory computer system			

Report results appropriately to the significance of the result			
Complete all relevant documentation in accordance with quality control and audit requirements			