Unit 93: Assisting with Flowmetry Studies

Level:	**4**
Unit type:	**Optional (Urodynamics and Urology)**
Credit value:	**10**
Guided learning hours:	**80**

Unit summary

In this unit, you will gain the knowledge, understanding and skills needed to assist and support the healthcare science practitioner/clinical scientist in performing quality-assured, safe, flowmetry studies. You will be expected to build your patient-centred professional practice and practise safely in the workplace.

Unit assessment requirements

There are no specific assessment requirements for this unit. Please refer to the assessment strategy in *Annexe B*.

Additional information

It is suggested that learners will have completed the following units:

- **Level 2 Unit 26 Anatomy and Physiology: Urogenital System**
- **Level 2 Unit 9: Performing a Urine Flow Test**
- **Level 4 Unit 11 Scientific Basis of Healthcare Science (1): Clinical Science**
- **Level 4 Unit 90 The Urinary System**

or have appropriate experience before completing this unit.

All procedures must be undertaken in accordance with the Standard Operating Procedure (SOP).

AC1.4 includes personal responsibility for decisions.

Learning outcomes and assessment criteria

To pass this unit, learners need to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria outline the requirements that the learner is expected to meet **in own area of work and in accordance with Standard Operating Procedures (SOPs)** to achieve the learning outcomes and the unit.

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
1	Understand key aspects of professional practice applied to investigations in urodynamic science services	1.1	Explain how to embed the principles of patient-centred care in own area of practice			
		1.2	Explain the principles, guidance and law for gaining informed consent, including the limits of consent			
		1.3	Evaluate safeguarding procedures and the process for reporting a safeguarding issue			
		1.4	Discuss the limits of your practice and when to seek advice or refer to another professional			
		1.5	Explain the impact of culture, equality and diversity on practice			
		1.6	Explain the importance of maintaining confidentiality			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
2	Understand the principles and practice underpinning flowmetry studies	2.1	Evaluate the Standard Operating Procedure for flowmetry studies in own area of practice			
		2.2	Explain the measurement principles underpinning flowmetry studies, including recognition of common artefacts and how to avoid them			
		2.3	Explain the indications and contraindications for standard flowmetry studies			
		2.4	Evaluate the requirements for quality-assured flowmetry studies			
		2.5	Explain the procedure to be followed in the event of identifying an issue of quality assurance			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
3	Be able to assist during flowmetry studies	3.1	Explain the equipment safety standards applicable to the equipment used			
		3.2	Evaluate the infection control procedures required for flowmetry studies			
		3.3	Explain the factors influencing the choice of equipment for the investigation			
		3.4	Select suitable equipment in accordance with the requirements of the test			
		3.5	Compare the differences in the procedure for male and female patients			
		3.6	Prepare the environment for flowmetry studies in accordance with the Standard Operating Procedure			
		3.7	Assist in preparing the patient in accordance with the Standard Operating Procedures, treating the patient with respect and compassion			
		3.8	Support the patient during each phase of the study as required			
		3.9	Explain the potential special needs of patients referred for investigation and the relevant action required			
		3.10	Respond to any special patient requirements, discussing with senior staff and carers			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
		3.11	Analyse a simple uroflowmetry accounting for artefacts			
4	Be able to assist following completion of the study	4.1	Evaluate the protocols for cleaning and decontaminating equipment			
		4.2	Decontaminate equipment, leaving it in a suitable condition for reuse			
		4.3	Clean the room, leaving it in a suitable condition for reuse			
5	Be able to perform required calibration procedures	5.1	Explain the calibration procedures required for each item of equipment used			
		5.2	Carry out calibration procedures for equipment used in standard urodynamic studies			
		5.3	Document calibration procedures			
		5.4	Report all errors in calibration according to local procedures			

Learner name: _____ Date: _____

Learner signature: _____ Date: _____

Assessor signature: _____ Date: _____

Internal verifier signature: _____ Date: _____
(*if sampled*)