

Renal Disease

Learning Outcomes

1. Understand the anatomy and physiology of the normal kidney
2. Understand the changes that occur in renal failure and their effects on the body
3. Have a detailed knowledge of the classification and pathology of diseases of the glomeruli; the renal tubulo-interstitium; the renal vasculature; and of the developmental disorders of the kidney
4. Have a detailed knowledge of the classification of benign and malignant tumours of the kidney
5. Demonstrate an awareness of appropriate investigative tools and use these skills, with critical insight, to evaluate findings of case studies and formulate innovative proposals

Core Dimensions

CD1 Communication

Since learners are asked to demonstrate knowledge learning outcome 3 -5, will map to level 2 "Communicate with a range of people on a number of matters." LOs 1& 2 will also map to some extent

in particular items a-c

- a) communicates with a range of people on a range of matters in a form that is appropriate to them and the situation
- b) improves the effectiveness of communication through the use of communication skills
- c) constructively manages barriers to effective communication

CD2 Personal and people development

Similarly all learning contributes to personal development and again the need to demonstrate knowledge will involve others, thus mapping to level 2 "Develop own skills and knowledge and provide information to others to help their development"

In particular a-c

LOs 3-5 will also map to f

- a) assesses and identifies:
 - feedback from others on own work
 - how s/he is applying knowledge and skills in relation to the KSF outline for the post
 - own development needs and interests in the current post
 - what has been helpful in his/her learning and development to date
- b) takes an active part in the development review of own work against the KSF outline for the post with their reviewer and suggests areas for learning and development in the coming year
- c) takes responsibility for own personal development and takes an active part in learning opportunities
- f) offers information to others when it will help their development and/or help them meet work demands.

LO 5 will also map to level 3 "Develop oneself and contribute to the development of others" a-d

- a) reflects on and evaluates how well s/he is applying knowledge and skills to meet current and emerging work demands and the requirements of the KSF outline for his/her post
- b) identifies own development needs and sets own personal development objectives in discussion with his/her reviewer
- c) takes responsibility for own personal development and maintains own personal development portfolio
- d) makes effective use of learning opportunities within and outside the workplace evaluating their

Other core dimensions

No specific mapping

Specific Dimensions

Health and Wellbeing

HWB8 Biomedical investigations and interventions

The knowledge gained in satisfying these learning outcomes should be equivalent to that required for level 3 "Plan, undertake, evaluate and report biomedical investigations and/or interventions"

- a) evaluates relevant information to plan the range and sequence of biomedical investigations/interventions required and determines:
 - the specific procedures to be undertaken
 - unusual aspects of cases (including any particular risks)
 - the urgency with which procedures need to be carried out
 - relevant legislation, policies and procedures
- b) selects appropriate methods, techniques, equipment and analytical methods, in line with the resources available and evidence of effectiveness
- c) carries out and monitors investigations/interventions in line with established procedures and protocols, taking the appropriate action in the case of incidents which put at risk health and safety or the quality of specimens
- d) evaluates the outcomes of investigations/interventions and takes appropriate action in relation to anomalous or poor quality results or insufficient information
- e) collates and interprets findings and outcomes and reports them to relevant colleagues in the appropriate format, clearly stating any limitations
- f) provides valid information, advice and recommendations in relation to diagnosis, prognosis, treatment and individual management.

Information and knowledge

IK2 Information Collection and Analysis

LO 5 will map to

IK2/Level 2: Gather, analyse and report a limited range of data and information

- a) identifies and agrees:
 - the question/issue to be addressed by the data/information
 - the nature and quantity of data/information to be collected
 - the quality criteria which the data/information should meet
- b) effectively uses appropriate methods and sources for obtaining and recording the data/information
- c) confirms that the data/information meets the agreed quality criteria and takes appropriate action if it does not
- d) collates and analyses the data/information using methods appropriate to:
 - the initial questions which the data/information is intended to answer
 - the nature of the data/information