

Learning Outcomes/ Amcanion Dysgu

Higher Level Learning Outcomes (mapped to Outcomes for Graduates)

Science Outcomes

- H1. Describe the structure and function of the back and spine (22a)
- H2. Outline the functional anatomical and physiology of the spinal cord and peripheral nerves (22a)
- H3. Describe the anatomical relationship of the spinal cord and peripheral nerve roots to the vertebral column (22a)
- H4. Explain the difference between upper and lower motor neurone lesions (22a, 22b)
- H5. Explain the pathological mechanisms responsible for the development of back-pain (22a, 22b)
- H6. Describe the features of medically significant causes of back pain in the adult and the child (red flag symptoms and signs) including metastatic disease, spinal infection, spinal trauma and cauda equina syndrome (15 22a 22b)
- H7. Outline the physiology of bone health (22a)
- H8. Describe the epidemiology of back pain and sickness related absence from work (25a 25c 25d 25e 25j)
- H9. Apply knowledge about the social aspects of chronic illness to understanding patients experiences of back pain, and to clinical practices of information, support and referral (9c 10b 20a 25a)

Practice Outcomes

- H10. Perform a peripheral neurological examination of the arms and legs (14b)
- H11. Perform an examination of the spine (14b)

Professional behaviour outcomes

- H12. Describe the legal framework of work and ill health and processes for sickness and disability certification (4)

Evidence based medicine and numeracy

- NUM. Demonstrate competence to compute, analyse and interpret numerical data, evidence-based medicine data and physiological data.