

POSTGRADUATE CERTIFICATE IN ANATOMY FOR MEDICAL DEVICE DEVELOPMENT

Programme Learning Outcomes

Programme Learning Outcomes for Postgraduate Certificate in Anatomy
for Medical Device Development (NFQ Level 9, Minor Award)

On successful completion of this programme, students should be able to:

- Employ appropriate anatomical and clinical terminology in clinical interaction and in medical device design.
- Explain the interrelation between the structural features of organs and their functional roles and outline how they change in association with aging and pathophysiology.
- Demonstrate a critical awareness of design considerations, potential challenges and practical implications related to medical devices in the context of clinical and anatomical needs.
- Appraise and justify anatomical design decisions taken in common MedTech R&D problem-solving scenarios and propose solutions.
- Summarise learning by reflecting on capacity to: work in a team, take personal responsibility, identify knowledge gaps and outline opportunities for continued professional development.