Innovation and updates in teaching and student education across physiology and STEM in the UK-Leeds, April 2023

Abstract

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I can do this, I'll show you!: Technical + Clinical Skill literacy and assessment in biomedical and physiological sciences.

As academics, our aim is to design and deliver training programmes that enable students to gain the knowledge and skills needed for graduate career success (Steele et al., 2020). A survey of academics suggested three top skills for graduates to prosper; Communication, Critical Thinking and Problem Solving (McVitty and Andrews, 2021). However, student misidentification of acquisition and demonstration of these within their study programme, could lead to low confidence and inadequacies in evidencing these to employers upon completion of training (Bist and Mehta, 2020).

We will describe our mechanism for technical skill literacy training and authentic assessment of technical skill competency, using direct observation of practice, clinical simulation and case-based learning. Our aim is to promote technical skills literacy and to provide graduates with a portfolio of evidence for a future employer/ further training provider.

References

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