

KEYNOTE PLENARY PRESENTATION

Jimmie Leppink

Title:

The Art of Modeling the Learning Process

Comparisons between groups or conditions in terms of average test performance (e.g., posttest performance in an experiment) or a similar learning outcome measure (e.g., exam score in a non-experimental study) are common in quantitatively oriented studies on the development of clinical skills. However, what happens in the process towards that outcome measurement remains largely uncharted territory. This is unfortunate, because a deeper understanding of the learning process can result in more detailed predictions of learning outcomes and a better design of education with it. During my talk, I will discuss some objective and subjective learning process measures that have been useful in research on the development of clinical skills or skills in other contexts, and I will discuss how these measures can be incorporated in future research on the development of clinical skills.

KEYNOTE WORKSHOP PRESENTATION

Presenter:

Jimmie Leppink

Title:

Designing Research for Understanding the Learning Process

Much of the quantitatively oriented studies on the development of clinical skills focus on comparisons between groups or conditions in terms of average scores on learning outcome measures. My keynote presentation covers several objective and subjective learning process measures that may help to gain a deeper understanding of learning outcomes and may inform educational practice and future research accordingly. During this interactive workshop, we will discuss ways to include the learning process measures covered in my keynote presentation and other learning process measures of interest in future empirical studies on the development of clinical skills.