

Prof. Dr. Henk G. Schmidt, Abteilung für Psychologie, Erasmus Universität Rotterdam, Niederlande

Development of knowledge and expertise – general process and specifics in medicine

The last 20 years have seen a remarkable increase in our understanding of how people learn. These ideas have matured now to an extent that they are directly applicable to the teaching and the learning in higher education. However, despite these new developments, teachers tend to prefer the lecture-book-examination “trias” over perhaps more effective methods.

This contribution will outline and illustrate three principles of learning and their translation into instruction. The core idea is that the amount and the quality of learning is critically dependent on the nature of the mental activity of the student (not of the teacher!) that instruction induces.

This idea will be applied to the practice of medical education, more particularly to the development of diagnostic reasoning skill.

Korrespondenzadresse:

Prof. Dr. Henk G. Schmidt, Rector Magnificus, Erasmus University, P.O. Box 1738, 3000 DR Rotterdam, The Netherlands, Tel. +31 10 408 1749 E-Mail: schmidt@cvb.eur.nl