339.4
Supporting and analyzing the process of clinical assessment: Computer technology as an heuristic tool
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In analyzing individual cases, the clinical psychologist is confronted with many problems which cannot be answered by applying simple statistical rules. To justify his or her decisions, the psychologist has to perform various kinds of knowledge-based reasoning. However, in most clinical cases, the available knowledge is ill-defined and the diagnostician has to rely heavily on his or her personal knowledge and reasoning to get a solution. In this presentation, the focus is on concrete examples of computerized tools for supporting and analyzing the diagnostic process.

339.5
Computer-assisted assessment from a normative point of view
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To avoid typical errors frequently occurring in the course of diagnostic processes, a normative approach to the diagnostic process is suggested and exemplified by an algorithmic model on the basis of an exact explication of the concepts of diagnosis, prognosis, and decision. Problems of implementing such a strictly normative model are discussed, and a more realistic, moderately normative model of the diagnostic process is proposed. Available software products relevant to this kind of normative approach are mentioned, and a program system which assists the psychological assessor in his or her efforts to implement a moderately normative model of the diagnostic process is outlined.