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Titel des Beitrags: Pharmacases.de - a student-centered e-learning project of clinical pharmacology.

Abstract: The aim of the project Pharmacases.de was to develop an innovative concept for creating high-quality e-learning content which integrates and promotes the theoretical and cooperative skills of final-year medical students and is easily adoptable by cooperating institutes and hospitals. A peer-teaching concept was developed in which final-year medical students with the elective pharmacology independently researched and wrote e-learning cases of clinical pharmacology (“pharmacases”). Subject-specific expertise was acquired by consulting a peer network of elective students of other disciplines. The created material was subjected to a multi-step peer review and published on the open-access internet platform http://www.pharmacases.de. At present, the website contains 45 e-learning cases, 27 quizzes, and a student-managed discussion forum. Each month, approximately 1200 students access the e-learning content on the website with above-average evaluation results. The didactic concept of Pharmacases.de enabled the efficient generation of high-quality e-learning content in a student-centered and interdisciplinary manner and was well received by the students. It will likely facilitate the transfer of theoretical pharmacological knowledge into clinical practice.