

# P-Drug-linked Role-Play Exercise for Medical Pharmacology Education

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## **Abstract**

In faculty of Medicine, Fukuoka University, it has been recommended not only acquisition of medical expertise but also several active learning methods such as flipped classroom and collaborative learning for “cultivation of self-learning and problem-solving ability” and “establishment of leadership and cooperation”. In the Department of Pharmacology, P-Drug (Personal Drug) exercises aimed at “learning the drug treatment process at an early stage” (*Med. Bull. Fukuoka Univ.* 40: 81-85, 2013) and Role-play exercises aimed at “explaining easily and appropriately the process and drug information” (*Med. Bull. Fukuoka Univ.* 42: 183-188, 2015) are incorporated into the pharmacological curriculum for 3<sup>rd</sup> year medical students. Normally, each exercise is performed with different case, as a new attempt to expect synergistic effect of both exercises, P-Drug-linked Role-play exercise in 2021 was performed using same cases handled in the P-Drug exercise. A questionnaire survey on the P-Drug-linked Role-play exercise suggest that the exercise was more effective than the Role-play exercise alone. We would like to continue to incorporate the P-Drug-linked Role-play exercise from the next year onwards.

**Key words:** Active learning, P-Drug, Role-Play