

**Development and induction of the new human study program as an item in pharmacologic exercise for medical students.**

Naoki Uchida

*Dept. Pharm., Div. Clin. Pharm., Sch. Med., Showa Univ.*

In the medical education, conducting student practice has a significant educational value. Because almost all medical students will administer a drug as a physician after acquired a physician license, pharmacologic exercise is quite important during the medical education. At Showa University, several human study program items that the medical students were actually given a drug and directly experienced pharmacological action with their own body have been installed more than 40 years in the pharmacologic exercise. The development of the new training item resulting in a high education effect is demanded when we think about a change of the education environment in the medical university including diversification of the medical treatment and a problem of the man power of the teacher especially medical doctor staff. Recently we developed the new human study training item using the diuretics and installed in the pharmacologic exercise at the 4<sup>th</sup> year medical student in Showa University. I will introduce the afferent process in the presentation.