1. No.
   2021T002

2. Title
   Empirical Studies on New Diagnostic Criteria of Addiction as the Integration of Substance Dependence and Behavioral Addiction

3. Period
   2021-2025

4. Summary
[Background and Purpose] Recently, behavioral addictions such as gambling and gaming have come to be considered in the same context as substance addiction. Therefore, the present study aimed to develop new diagnostic criteria and new typologies of addictions that focus on the common characteristics of substance and behavioral addictions, distinct from the traditional concepts of addiction.

[Results and Conclusions] The present study indicated the following; 1) New diagnostic criteria that integrated substance and behavioural addiction were developed based on the results of an addiction questionnaire from 1,000 subjects recruited by an web site. 2) Hierarchical cluster analysis revealed that substance and behavioural addictions were classified into three categories; the first included sex-related behaviour, the second included smoking and eating behaviour, and the third included OTC and prescription drugs, drinking, gambling, gaming, internet, and buying behaviour, This classification provides important insights for integrating substance and behavioral addictions. 3) The study on the important clinical question of whether addiction exists an extension of appropriate use, or whether appropriate use and addiction exist on separate dimensions suggested that the relationship between appropriate use and addiction differed depending on the type of addictive substances and addictive behaviors.