

**Factors to create a positive experience in clinical fieldwork of occupational therapy**

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**Objective.** Clinical fieldworks consist of two kinds of full-time 8 weeks clinical training such as **physical disorder** and **mental health**, for the last year of our university. In clinical fieldwork, we presume that OT student assumes supervisor as a model is one of the important factors to create a positive experience. The purpose of this study was to examine the related factors in supervisor as a model using fuzzy-set Qualitative Comparative Analysis (fsQCA).

**Method.** The subjects were thirty-three students in the last year of university. The study design was a survey using self-questionnaire. Previously, we informed and were given their consent for survey. The questionnaire consisted of one item (outcome) and six items (causal conditions). The outcome was "supervisor as a model, Mo". On the other hand, the conditions were composed of the following; (1)"superior in knowledge, KN", (2)"superior in skills, SK", (3)"superior in attitudes, AT", (4)"satisfied with quantity of supervision, QA", (5)"satisfied with quality of supervision, QB", (6)"respected an OT student, RE". We ask OT students to answer the questionnaire in **physical disorder** and **mental health**. We carried out fsQCA that was based on the Boolean algebra and was developed by Ragin, C. as sociologist. We also conducted the analysis using fs/QCA2.2, and Excel 2003. The data was obtained by 4-point scale, and the original data calibrated using these software.

**Results.** Thirty-three questionnaires were included for analysis. The response rate was 100%. We composed a true table to derive a Boole equation using the Fuzzy Truth Table Algorithm in fs/QCA2.2. As the result of sufficient condition analysis in **physical disorder**, solution coverage and unique coverage for the solution term "SK\*AT\*QB\*RE\*KN" are 0.901 and 0.027. Equally, in **mental health**, solution coverage and unique coverage for the solution term "SK\*AT\*RE\*QA" are 0.940 and 0.041. The coverage score of this solution term is the highest value rather than the score of other solution term.

**Conclusion.** We reveal that the important factor(s) in supervisor as a model are SK, AT and RE on two clinical fieldworks, in addition, are KN and QB in physical disorder, is QA in mental health.