

研究報告

九州歯科大学 OSCE トライアルでの評価者間の
評価のばらつきと一致についての検討

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Study on the Dispersion and Correspondence between Inspectors of the
Results of OSCE Trials in Kyushu Dental College

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Abstract : Reliability and fairness are important for Objective Structured Clinical Examinations (OSCE). Before official enforcement of OSCE, OSCE trials were carried out two times in Kyushu Dental College. This study evaluated the reliability and fairness between inspectors in the 1st and 2nd OSCE trials. One hundred and twenty-one inspectors who participated in the OSCE trial were enrolled. In the 1st trial, 45 inspectors belonged to Kyushu Dental College and 5 were guest inspectors. In the 2nd trial, 51 belonged to Kyushu Dental College, and 20 were guests. From the results for each subject, the dispersion and compatibility between the two groups of inspectors were assessed with the standard deviation and percent of compatibility. In general, the standard deviation which indicated deviation between inspectors on explanation objects (medical interview : 1.16) was larger than that of technical objects (tooth extraction : 0.81, rubber dam : 0.97, tooth brushing instruction : 0.82, impression : 0.96).

On the other hand, in the 2nd trial, the standard deviation on explanation objects (medical interview : 0.56, explanation of orthodontics instruments : 0.70) was smaller than that of technical objects (resin restoration : 1.36, root canal treatment : 1.02, preparation form of abutment tooth : 1.85). The compatibility value of the 2nd trial was higher than that of the 1st trial.

From the results, OSCE is one of the methods to assess the ability of dental students. Furthermore, it is possible to assess the inspection skills and dental education program. It is important to establish a more sophisticated system in OSCE.

Key words : OSCE, OSCE trial, reliability, fairness, standard deviation, percent of compatibility

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