

〈原 著〉

パッチテスト・ユニットによる被検 物質の皮膚反応性の比較について

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Comparison of Skin Reactions caused by Different Patch Test Materials

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We often experience positive variations in patch tests depending on the materials we use. The following are the results we have obtained from patch tests using such materials as Al-test, Finn chamber and KI chamber for six kinds of drugs, in which the changes of skin reaction depending on these materials were compared for further investigations.

- 1) Dermatitis accompanied with slight inflammation was recognized in one out of 20 cases in which Finn chamber and KI chamber were used, while in 5 out of 20 cases skin inflammation was recognized in a region corresponding to aluminum foil in Al-test.
- 2) In 8 out of 120 cases whose experimental results were judged after 24 hours, there were apparent positive variations depending on the materials, although the same drug was used, and these were the reactions due to stimulation.
- 3) Incompatibility depending on the materials studied was confirmed in one out of 8 cases with Al-test, 6 out of 8 cases with Finn chamber and 2 out of 8 cases with KI chamber, and the Finn chamber showed the highest frequency of a positive reaction.