

〈速報〉

## 経皮吸収におよぼす基剤の影響

和志武三徳\*・小沢康雄\*・山下勝也\*・安茂寿夫\*

### Effect of Vehicles on Percutaneous Absorption

Mitsunori WASHITAKE\*・Yasuo OZAWA\*

Katzuya YAMASHITA\*・Toshio ANMO\*

The percutaneous absorption and retention of salicylic acid and carbinoxamine from four oily vehicles or six hydrophilic vehicles were studied following application to the abdominal skin of male guinea pigs. The absorption process showed an apparent first-order kinetics with the exception of the initial period. The vehicle with a strong affinity to the drugs showed a poor drug-releasing effect; poor drug-absorption and retention by the skin occurred.