

シンポジウムII—5

オートラジオグラフィ—
—外用コルチコステロイドのヒト皮膚吸収について—

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The absorption through the human skin of
external Corticosteroid

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ABSTRACT

An autoradiographic study on the percutaneous absorption of a topical corticosteroid, 17- α -desoxymethasone, was performed under in vivo and in vitro conditions. The deposition pattern of the developed silver grains in in vitro application to the excised skin with a simple device was similar to that in vivo findings, although the density there of was much less than that in in vivo. The similarity of the percutaneous absorption of both, under in vivo and in vitro conditions was ascertained by quantitative measuring of the radioactivity in the epidermis and the dermis, which were mechanically separated.